Jahreshöchstlast und Lastverlauf als viertelstündige Leistungsmessung pro Spannungsebene
§ 17 Abs. 2 Nr. 1 StromNZV

Stadtwerke Nürtingen GmbH

Jahreshöchstlast in kW		**18.114 kW**	**17.681 kW**	**29.013 kW**
Datum		**24.01.2019**	**24.01.2019**	**24.01.2019**
Zeitraum		**18:00**	**18:00**	**12:30**
Datum	**Zeit**	**Niederspannung**	**MS-NS Umspannung**	**Mittelspannung**
01.01.2019	00:15:00	12.747,57	12.531,13	15.675,10
01.01.2019	00:30:00	12.633,16	12.415,32	15.487,26
01.01.2019	00:45:00	12.412,36	12.191,95	15.275,52
01.01.2019	01:00:00	12.089,06	11.863,56	14.897,62
01.01.2019	01:15:00	11.771,08	11.543,03	14.590,42
01.01.2019	01:30:00	11.339,16	11.105,91	14.133,92
01.01.2019	01:45:00	11.072,56	10.837,68	13.854,03
01.01.2019	02:00:00	10.882,55	10.648,56	13.643,28
01.01.2019	02:15:00	10.903,36	10.675,52	13.643,95
01.01.2019	02:30:00	10.769,37	10.537,99	13.534,27
01.01.2019	02:45:00	10.671,26	10.344,49	13.345,91
01.01.2019	03:00:00	10.471,81	10.116,61	13.126,56
01.01.2019	03:15:00	10.129,85	9.774,68	12.786,71
01.01.2019	03:30:00	9.876,80	9.521,94	12.596,09
01.01.2019	03:45:00	9.826,91	9.470,08	12.555,52
01.01.2019	04:00:00	9.829,01	9.477,66	12.501,24
01.01.2019	04:15:00	10.007,43	9.660,23	12.650,30
01.01.2019	04:30:00	9.812,31	9.465,48	12.522,02
01.01.2019	04:45:00	9.630,63	9.285,25	12.374,59
01.01.2019	05:00:00	9.613,35	9.272,76	12.331,98
01.01.2019	05:15:00	9.465,13	9.134,46	12.352,81
01.01.2019	05:30:00	9.129,89	8.808,69	11.927,88
01.01.2019	05:45:00	9.155,40	8.832,94	11.921,29
01.01.2019	06:00:00	9.100,06	8.774,71	11.944,00
01.01.2019	06:15:00	8.775,26	8.464,47	11.683,23
01.01.2019	06:30:00	8.529,03	8.261,49	11.512,66
01.01.2019	06:45:00	8.015,03	7.731,51	10.951,17
01.01.2019	07:00:00	7.758,43	7.480,66	10.713,51
01.01.2019	07:15:00	7.860,22	7.571,63	10.863,23
01.01.2019	07:30:00	7.915,37	7.626,17	10.969,36
01.01.2019	07:45:00	8.042,10	7.745,93	11.086,28
01.01.2019	08:00:00	8.154,61	7.868,52	11.198,68
01.01.2019	08:15:00	7.757,25	7.464,68	10.826,40
01.01.2019	08:30:00	7.589,36	7.287,07	10.618,70
01.01.2019	08:45:00	7.800,87	7.487,05	10.736,13
01.01.2019	09:00:00	7.981,65	7.617,95	10.847,45
01.01.2019	09:15:00	8.251,44	7.875,54	11.069,10
01.01.2019	09:30:00	8.625,74	8.242,74	11.475,02
01.01.2019	09:45:00	8.877,48	8.436,77	11.698,67
01.01.2019	10:00:00	9.256,96	8.799,59	12.038,91
01.01.2019	10:15:00	9.517,61	9.017,96	12.261,23
01.01.2019	10:30:00	9.788,64	9.254,55	12.543,81
01.01.2019	10:45:00	10.013,50	9.542,33	12.790,84
01.01.2019	11:00:00	10.291,30	9.835,85	13.092,59
01.01.2019	11:15:00	10.763,94	10.344,67	13.652,28
01.01.2019	11:30:00	11.189,40	10.791,25	14.040,03
01.01.2019	11:45:00	11.415,93	10.936,57	14.154,78
01.01.2019	12:00:00	11.608,94	11.187,57	14.383,76
01.01.2019	12:15:00	12.101,13	11.725,12	14.969,91
01.01.2019	12:30:00	12.673,91	12.295,71	15.612,68
01.01.2019	12:45:00	12.569,51	12.244,56	15.644,78
01.01.2019	13:00:00	12.836,99	12.630,21	16.071,56
01.01.2019	13:15:00	12.889,27	12.577,14	16.003,73
01.01.2019	13:30:00	13.568,79	13.231,90	16.697,68
01.01.2019	13:45:00	13.286,55	12.876,64	16.356,94
01.01.2019	14:00:00	13.005,72	12.528,10	15.941,30
01.01.2019	14:15:00	12.766,29	12.287,56	15.697,28
01.01.2019	14:30:00	12.453,33	11.846,99	15.239,90
01.01.2019	14:45:00	12.246,18	11.664,81	14.972,89
01.01.2019	15:00:00	12.095,34	11.581,73	14.919,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.01.2019	15:15:00	12.067,31	11.609,62	14.900,04
01.01.2019	15:30:00	11.906,25	11.516,66	14.927,16
01.01.2019	15:45:00	11.801,41	11.458,44	14.820,87
01.01.2019	16:00:00	11.839,50	11.606,83	14.978,43
01.01.2019	16:15:00	11.909,25	11.735,26	15.187,79
01.01.2019	16:30:00	12.025,30	11.838,11	15.288,20
01.01.2019	16:45:00	12.415,76	12.237,23	15.673,98
01.01.2019	17:00:00	12.953,39	12.775,93	16.314,13
01.01.2019	17:15:00	13.616,46	13.448,20	17.046,22
01.01.2019	17:30:00	13.932,69	13.770,62	17.451,00
01.01.2019	17:45:00	14.121,84	13.968,26	17.574,01
01.01.2019	18:00:00	14.394,45	14.246,40	17.964,97
01.01.2019	18:15:00	14.377,57	14.224,48	17.865,06
01.01.2019	18:30:00	14.284,05	14.036,57	17.612,72
01.01.2019	18:45:00	14.232,90	13.962,52	17.487,23
01.01.2019	19:00:00	14.173,69	13.902,64	17.400,04
01.01.2019	19:15:00	14.261,35	13.995,25	17.408,11
01.01.2019	19:30:00	14.231,14	13.961,56	17.395,11
01.01.2019	19:45:00	14.080,00	13.761,32	17.153,32
01.01.2019	20:00:00	13.951,90	13.624,85	17.019,47
01.01.2019	20:15:00	13.706,36	13.363,18	16.758,19
01.01.2019	20:30:00	13.771,26	13.432,73	16.761,37
01.01.2019	20:45:00	13.787,28	13.441,09	16.761,37
01.01.2019	21:00:00	13.381,81	13.030,70	16.379,58
01.01.2019	21:15:00	13.540,16	13.186,17	16.512,95
01.01.2019	21:30:00	14.588,29	14.240,10	17.656,20
01.01.2019	21:45:00	14.125,31	13.778,74	17.209,59
01.01.2019	22:00:00	13.786,88	13.432,06	16.853,82
01.01.2019	22:15:00	13.956,09	13.595,11	16.999,28
01.01.2019	22:30:00	13.715,62	13.348,24	16.705,11
01.01.2019	22:45:00	14.124,62	13.764,07	17.130,01
01.01.2019	23:00:00	14.189,26	13.823,88	17.150,66
01.01.2019	23:15:00	13.602,73	13.226,61	16.570,53
01.01.2019	23:30:00	13.120,13	12.738,66	16.084,48
01.01.2019	23:45:00	12.470,82	12.083,43	15.387,38
02.01.2019	00:00:00	12.038,51	11.643,41	14.836,20
02.01.2019	00:15:00	11.643,66	11.248,70	14.512,74
02.01.2019	00:30:00	11.405,81	11.007,35	14.252,16
02.01.2019	00:45:00	11.072,81	10.671,06	13.989,94
02.01.2019	01:00:00	10.922,59	10.519,50	13.831,88
02.01.2019	01:15:00	10.981,31	10.578,84	13.943,04
02.01.2019	01:30:00	10.914,89	10.513,23	13.885,54
02.01.2019	01:45:00	10.806,04	10.406,90	13.675,37
02.01.2019	02:00:00	10.825,41	10.428,22	13.663,83
02.01.2019	02:15:00	10.623,70	10.223,98	13.440,11
02.01.2019	02:30:00	10.530,95	10.132,21	13.395,17
02.01.2019	02:45:00	10.459,09	10.057,80	13.329,73
02.01.2019	03:00:00	10.351,01	9.947,99	13.252,62
02.01.2019	03:15:00	10.216,17	9.811,69	13.125,52
02.01.2019	03:30:00	10.342,66	10.007,53	13.269,05
02.01.2019	03:45:00	10.377,69	10.093,58	13.475,05
02.01.2019	04:00:00	10.366,85	10.081,31	13.433,17
02.01.2019	04:15:00	10.380,58	10.127,35	13.411,12
02.01.2019	04:30:00	10.443,98	10.208,96	13.482,68
02.01.2019	04:45:00	10.282,94	10.046,19	13.395,26
02.01.2019	05:00:00	10.408,61	10.179,69	13.710,10
02.01.2019	05:15:00	10.647,98	10.448,21	14.516,28
02.01.2019	05:30:00	10.250,21	10.057,93	14.364,84
02.01.2019	05:45:00	10.396,78	10.208,93	14.999,90
02.01.2019	06:00:00	10.500,30	10.256,69	15.529,36
02.01.2019	06:15:00	10.321,34	10.031,08	16.111,70
02.01.2019	06:30:00	10.029,18	9.758,40	16.526,04
02.01.2019	06:45:00	9.611,29	9.335,03	16.576,28
02.01.2019	07:00:00	9.490,86	9.222,26	17.240,07
02.01.2019	07:15:00	9.966,26	9.710,06	18.059,86
02.01.2019	07:30:00	10.375,60	10.128,04	18.775,28
02.01.2019	07:45:00	10.590,56	10.380,15	19.183,12
02.01.2019	08:00:00	10.933,02	10.617,65	19.846,46
02.01.2019	08:15:00	11.108,91	10.787,04	20.270,64
02.01.2019	08:30:00	11.160,42	10.828,41	20.720,49
02.01.2019	08:45:00	11.284,24	10.888,80	20.766,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.01.2019	09:00:00	11.717,99	11.281,30	21.208,43
02.01.2019	09:15:00	12.675,49	12.230,49	21.787,39
02.01.2019	09:30:00	12.658,81	12.137,01	21.732,08
02.01.2019	09:45:00	12.919,02	12.395,01	22.409,98
02.01.2019	10:00:00	13.212,67	12.594,29	22.440,65
02.01.2019	10:15:00	13.281,55	12.633,03	22.342,00
02.01.2019	10:30:00	13.349,75	12.594,04	22.391,02
02.01.2019	10:45:00	13.383,79	12.572,14	22.568,50
02.01.2019	11:00:00	13.364,65	12.616,73	22.573,35
02.01.2019	11:15:00	13.729,37	12.882,58	22.846,64
02.01.2019	11:30:00	13.881,69	13.020,51	23.048,38
02.01.2019	11:45:00	14.011,30	13.164,51	22.955,54
02.01.2019	12:00:00	14.250,61	13.316,49	23.125,85
02.01.2019	12:15:00	14.763,88	13.870,95	23.563,24
02.01.2019	12:30:00	15.423,43	14.582,78	24.058,28
02.01.2019	12:45:00	15.096,72	14.140,30	23.739,56
02.01.2019	13:00:00	14.761,18	13.664,53	23.224,01
02.01.2019	13:15:00	14.520,99	13.139,53	22.715,26
02.01.2019	13:30:00	14.123,08	11.466,01	21.048,51
02.01.2019	13:45:00	13.748,39	11.953,32	21.481,22
02.01.2019	14:00:00	13.809,83	12.662,66	21.905,23
02.01.2019	14:15:00	13.913,83	12.853,47	22.052,32
02.01.2019	14:30:00	13.485,39	12.779,47	21.756,42
02.01.2019	14:45:00	13.669,93	12.892,36	21.834,30
02.01.2019	15:00:00	13.596,69	12.689,95	21.618,37
02.01.2019	15:15:00	13.443,25	12.814,74	21.496,19
02.01.2019	15:30:00	13.510,95	12.803,30	21.351,76
02.01.2019	15:45:00	13.391,21	12.646,78	20.918,93
02.01.2019	16:00:00	13.231,84	12.507,56	20.530,90
02.01.2019	16:15:00	13.313,49	12.702,36	20.634,02
02.01.2019	16:30:00	13.637,68	13.123,12	20.895,47
02.01.2019	16:45:00	13.811,03	13.350,37	21.074,07
02.01.2019	17:00:00	14.434,01	14.002,92	21.477,82
02.01.2019	17:15:00	15.455,34	15.021,35	22.525,07
02.01.2019	17:30:00	15.879,67	15.449,59	22.783,49
02.01.2019	17:45:00	16.211,97	15.775,29	23.035,82
02.01.2019	18:00:00	16.305,24	15.870,30	22.996,36
02.01.2019	18:15:00	16.331,20	15.890,16	23.008,33
02.01.2019	18:30:00	16.277,50	15.824,50	22.562,30
02.01.2019	18:45:00	15.950,07	15.485,80	22.153,58
02.01.2019	19:00:00	15.836,04	15.371,28	21.990,83
02.01.2019	19:15:00	15.978,97	15.508,35	21.973,90
02.01.2019	19:30:00	15.994,69	15.524,60	21.989,28
02.01.2019	19:45:00	15.863,88	15.388,18	21.877,46
02.01.2019	20:00:00	15.417,89	14.934,96	21.260,72
02.01.2019	20:15:00	15.333,06	14.825,25	21.084,48
02.01.2019	20:30:00	15.223,99	14.712,13	20.879,43
02.01.2019	20:45:00	15.216,81	14.703,04	20.792,70
02.01.2019	21:00:00	14.773,33	14.251,63	20.337,49
02.01.2019	21:15:00	14.814,43	14.294,15	20.305,41
02.01.2019	21:30:00	16.052,78	15.540,85	21.503,72
02.01.2019	21:45:00	15.878,23	15.368,08	21.197,23
02.01.2019	22:00:00	15.504,33	14.989,75	20.558,28
02.01.2019	22:15:00	15.554,42	15.037,01	20.350,28
02.01.2019	22:30:00	15.321,78	14.801,99	19.807,96
02.01.2019	22:45:00	15.862,24	15.345,32	20.068,80
02.01.2019	23:00:00	16.059,19	15.542,87	20.196,70
02.01.2019	23:15:00	15.495,93	14.972,99	19.540,93
02.01.2019	23:30:00	14.771,90	14.240,33	18.656,17
02.01.2019	23:45:00	14.368,02	13.832,69	18.166,42
03.01.2019	00:00:00	14.079,69	13.546,69	17.852,72
03.01.2019	00:15:00	13.699,25	13.164,95	17.459,82
03.01.2019	00:30:00	13.430,95	12.898,94	17.240,94
03.01.2019	00:45:00	13.195,17	12.660,37	17.035,68
03.01.2019	01:00:00	12.891,95	12.368,01	16.721,17
03.01.2019	01:15:00	12.777,19	12.306,24	16.642,22
03.01.2019	01:30:00	12.566,07	12.085,96	16.448,82
03.01.2019	01:45:00	12.480,89	12.001,06	16.134,08
03.01.2019	02:00:00	12.292,51	11.809,06	15.973,66
03.01.2019	02:15:00	12.194,62	11.711,12	15.912,72
03.01.2019	02:30:00	12.071,84	11.586,05	15.878,09

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.01.2019	02:45:00	12.152,69	11.671,19	15.921,46
03.01.2019	03:00:00	11.983,29	11.499,76	15.722,89
03.01.2019	03:15:00	11.718,10	11.236,48	15.494,84
03.01.2019	03:30:00	11.624,15	11.143,62	15.304,69
03.01.2019	03:45:00	11.624,37	11.144,42	15.382,91
03.01.2019	04:00:00	11.523,53	11.046,19	15.283,77
03.01.2019	04:15:00	11.531,14	11.048,30	15.354,88
03.01.2019	04:30:00	11.406,26	10.918,42	15.183,58
03.01.2019	04:45:00	11.251,99	10.772,04	15.135,07
03.01.2019	05:00:00	11.173,08	10.693,55	15.219,44
03.01.2019	05:15:00	11.235,03	10.779,84	15.865,50
03.01.2019	05:30:00	10.756,03	10.319,07	15.621,76
03.01.2019	05:45:00	11.044,24	10.615,49	16.416,04
03.01.2019	06:00:00	11.133,64	10.721,32	17.152,49
03.01.2019	06:15:00	11.124,19	10.725,47	18.181,40
03.01.2019	06:30:00	10.810,57	10.413,32	18.406,20
03.01.2019	06:45:00	10.483,09	10.097,86	18.701,86
03.01.2019	07:00:00	10.435,37	10.059,27	19.311,51
03.01.2019	07:15:00	10.765,91	10.403,89	19.978,94
03.01.2019	07:30:00	11.086,16	10.724,00	20.450,51
03.01.2019	07:45:00	11.231,10	10.857,49	20.772,51
03.01.2019	08:00:00	11.581,00	11.219,37	21.511,44
03.01.2019	08:15:00	11.364,49	10.993,42	21.567,72
03.01.2019	08:30:00	11.644,81	11.259,42	21.703,99
03.01.2019	08:45:00	11.902,15	11.477,60	21.931,38
03.01.2019	09:00:00	12.340,54	11.906,33	22.457,93
03.01.2019	09:15:00	13.120,84	12.585,71	22.781,12
03.01.2019	09:30:00	13.334,49	12.695,13	22.871,81
03.01.2019	09:45:00	13.561,37	12.753,19	23.223,95
03.01.2019	10:00:00	13.753,23	13.013,28	23.448,98
03.01.2019	10:15:00	13.954,80	13.378,30	23.874,38
03.01.2019	10:30:00	14.190,01	13.617,23	24.088,10
03.01.2019	10:45:00	13.894,86	13.285,06	23.964,60
03.01.2019	11:00:00	13.975,23	13.288,82	23.992,26
03.01.2019	11:15:00	14.225,08	13.545,59	24.164,69
03.01.2019	11:30:00	14.318,32	13.369,50	24.090,52
03.01.2019	11:45:00	14.614,53	13.416,05	24.070,92
03.01.2019	12:00:00	14.714,95	13.445,40	23.965,37
03.01.2019	12:15:00	15.188,04	13.585,87	23.955,39
03.01.2019	12:30:00	15.745,73	14.353,01	24.466,04
03.01.2019	12:45:00	15.494,62	14.361,08	24.531,49
03.01.2019	13:00:00	15.156,36	13.711,65	23.943,59
03.01.2019	13:15:00	14.953,31	13.382,83	23.419,70
03.01.2019	13:30:00	14.849,49	13.240,16	23.347,41
03.01.2019	13:45:00	14.696,58	13.624,29	23.602,34
03.01.2019	14:00:00	14.462,83	13.349,48	23.273,65
03.01.2019	14:15:00	14.166,38	13.141,85	22.735,27
03.01.2019	14:30:00	13.920,73	13.046,26	22.351,60
03.01.2019	14:45:00	13.995,15	13.287,89	22.473,00
03.01.2019	15:00:00	13.768,95	13.156,89	22.261,48
03.01.2019	15:15:00	14.092,75	13.649,45	22.633,43
03.01.2019	15:30:00	14.114,97	13.750,73	22.548,46
03.01.2019	15:45:00	14.156,14	13.834,34	22.488,45
03.01.2019	16:00:00	14.296,88	13.996,48	22.454,42
03.01.2019	16:15:00	14.544,22	14.254,90	22.466,18
03.01.2019	16:30:00	14.818,47	14.531,80	22.855,24
03.01.2019	16:45:00	14.994,17	14.707,13	22.799,38
03.01.2019	17:00:00	15.766,06	15.481,28	23.477,72
03.01.2019	17:15:00	16.349,08	16.066,07	24.060,74
03.01.2019	17:30:00	16.613,22	16.329,51	23.990,86
03.01.2019	17:45:00	16.848,63	16.563,22	24.121,63
03.01.2019	18:00:00	17.013,83	16.734,18	24.106,44
03.01.2019	18:15:00	16.974,44	16.684,90	23.835,13
03.01.2019	18:30:00	16.788,29	16.497,63	23.479,25
03.01.2019	18:45:00	16.470,20	16.162,20	23.042,94
03.01.2019	19:00:00	16.411,82	16.097,62	22.789,62
03.01.2019	19:15:00	16.209,09	15.890,55	22.608,96
03.01.2019	19:30:00	16.336,53	16.006,27	22.673,28
03.01.2019	19:45:00	15.972,05	15.626,12	22.249,50
03.01.2019	20:00:00	15.682,94	15.328,15	21.765,86
03.01.2019	20:15:00	15.599,64	15.227,79	21.713,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.01.2019	20:30:00	15.587,11	15.208,55	21.413,42
03.01.2019	20:45:00	15.586,95	15.210,58	21.255,82
03.01.2019	21:00:00	15.215,02	14.834,91	20.664,46
03.01.2019	21:15:00	15.298,32	14.914,26	20.684,50
03.01.2019	21:30:00	16.652,34	16.276,61	22.027,71
03.01.2019	21:45:00	16.158,48	15.777,14	21.394,68
03.01.2019	22:00:00	15.824,26	15.436,26	21.032,25
03.01.2019	22:15:00	15.802,92	15.415,00	20.685,59
03.01.2019	22:30:00	15.616,24	15.227,49	20.374,44
03.01.2019	22:45:00	16.060,06	15.672,87	20.471,75
03.01.2019	23:00:00	16.265,98	15.879,80	20.532,98
03.01.2019	23:15:00	15.742,73	15.353,31	19.940,08
03.01.2019	23:30:00	15.310,63	14.917,23	19.420,46
03.01.2019	23:45:00	14.697,94	14.295,75	18.692,24
04.01.2019	00:00:00	14.245,39	13.842,29	18.257,66
04.01.2019	00:15:00	13.698,63	13.292,20	17.724,07
04.01.2019	00:30:00	13.444,01	13.033,79	17.389,76
04.01.2019	00:45:00	13.155,11	12.742,98	17.112,88
04.01.2019	01:00:00	12.881,21	12.463,56	16.875,25
04.01.2019	01:15:00	12.755,35	12.337,75	16.735,17
04.01.2019	01:30:00	12.536,36	12.117,19	16.423,29
04.01.2019	01:45:00	12.364,32	11.942,62	16.141,84
04.01.2019	02:00:00	11.940,24	11.514,62	15.641,56
04.01.2019	02:15:00	11.793,19	11.367,75	15.537,04
04.01.2019	02:30:00	11.626,62	11.199,33	15.417,70
04.01.2019	02:45:00	11.449,65	11.017,57	15.252,22
04.01.2019	03:00:00	11.232,61	10.799,62	15.017,00
04.01.2019	03:15:00	11.053,24	10.618,60	14.870,96
04.01.2019	03:30:00	10.796,74	10.360,43	14.571,70
04.01.2019	03:45:00	10.785,22	10.348,38	14.578,47
04.01.2019	04:00:00	10.739,77	10.301,03	14.538,98
04.01.2019	04:15:00	11.015,93	10.578,05	14.927,52
04.01.2019	04:30:00	10.957,71	10.518,64	14.898,48
04.01.2019	04:45:00	10.704,24	10.264,11	14.707,54
04.01.2019	05:00:00	10.614,32	10.182,10	14.871,89
04.01.2019	05:15:00	10.649,25	10.243,48	15.413,24
04.01.2019	05:30:00	10.259,97	9.863,37	15.227,32
04.01.2019	05:45:00	10.506,37	10.112,53	15.693,13
04.01.2019	06:00:00	10.642,54	10.253,35	16.391,70
04.01.2019	06:15:00	10.514,94	10.052,39	17.533,62
04.01.2019	06:30:00	10.307,89	9.819,98	17.760,40
04.01.2019	06:45:00	10.113,35	9.622,12	17.872,38
04.01.2019	07:00:00	10.157,52	9.684,68	18.507,20
04.01.2019	07:15:00	10.657,32	10.185,52	19.284,89
04.01.2019	07:30:00	10.961,62	10.498,14	19.895,63
04.01.2019	07:45:00	10.974,16	10.514,09	20.204,11
04.01.2019	08:00:00	11.238,77	10.782,81	20.818,33
04.01.2019	08:15:00	11.467,63	11.007,41	21.016,14
04.01.2019	08:30:00	11.592,79	11.139,86	21.153,72
04.01.2019	08:45:00	11.876,44	11.413,10	21.678,17
04.01.2019	09:00:00	12.170,73	11.725,88	21.943,88
04.01.2019	09:15:00	13.045,06	12.598,31	22.331,44
04.01.2019	09:30:00	13.173,44	12.712,62	22.524,12
04.01.2019	09:45:00	13.320,80	12.844,97	22.859,87
04.01.2019	10:00:00	13.563,75	13.045,54	23.256,58
04.01.2019	10:15:00	13.872,68	13.380,22	23.504,32
04.01.2019	10:30:00	14.209,07	13.722,16	23.959,96
04.01.2019	10:45:00	13.850,51	13.333,87	23.884,76
04.01.2019	11:00:00	13.725,70	13.173,17	23.858,09
04.01.2019	11:15:00	13.877,09	13.280,14	23.911,16
04.01.2019	11:30:00	13.969,17	13.360,62	23.987,51
04.01.2019	11:45:00	14.445,86	13.768,16	24.107,14
04.01.2019	12:00:00	14.750,97	13.930,55	23.957,93
04.01.2019	12:15:00	15.213,17	14.230,34	23.880,87
04.01.2019	12:30:00	15.865,83	14.926,19	24.286,52
04.01.2019	12:45:00	15.675,26	14.575,69	23.862,78
04.01.2019	13:00:00	15.513,75	13.988,54	23.145,38
04.01.2019	13:15:00	15.293,80	13.715,49	22.865,95
04.01.2019	13:30:00	14.995,12	13.806,89	23.047,11
04.01.2019	13:45:00	14.815,95	13.894,53	22.969,02
04.01.2019	14:00:00	14.774,40	13.725,46	22.728,18

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.01.2019	14:15:00	14.357,86	13.187,48	22.018,56
04.01.2019	14:30:00	14.095,03	13.125,26	21.667,27
04.01.2019	14:45:00	13.984,95	13.093,85	21.610,71
04.01.2019	15:00:00	13.739,16	12.715,69	21.154,94
04.01.2019	15:15:00	13.632,59	12.657,54	20.819,28
04.01.2019	15:30:00	13.520,16	12.672,65	20.633,94
04.01.2019	15:45:00	13.616,59	12.899,75	20.756,52
04.01.2019	16:00:00	13.730,60	13.077,32	20.787,62
04.01.2019	16:15:00	13.865,66	13.266,82	20.720,83
04.01.2019	16:30:00	14.141,09	13.624,17	21.105,35
04.01.2019	16:45:00	14.491,60	14.014,28	21.480,70
04.01.2019	17:00:00	15.342,56	14.876,48	22.158,82
04.01.2019	17:15:00	16.238,00	15.776,88	22.946,42
04.01.2019	17:30:00	16.599,56	16.141,00	23.205,30
04.01.2019	17:45:00	16.981,44	16.526,37	23.362,91
04.01.2019	18:00:00	17.048,32	16.591,56	23.376,00
04.01.2019	18:15:00	16.907,04	16.448,78	23.024,08
04.01.2019	18:30:00	16.828,35	16.365,95	22.830,50
04.01.2019	18:45:00	16.466,46	15.995,91	22.335,27
04.01.2019	19:00:00	16.185,19	15.713,52	22.059,90
04.01.2019	19:15:00	16.019,33	15.542,99	21.882,34
04.01.2019	19:30:00	15.993,63	15.507,62	21.675,56
04.01.2019	19:45:00	15.900,83	15.410,89	21.540,73
04.01.2019	20:00:00	15.560,19	15.066,26	20.862,66
04.01.2019	20:15:00	15.399,52	14.888,55	20.633,96
04.01.2019	20:30:00	15.024,43	14.502,87	20.002,82
04.01.2019	20:45:00	14.952,76	14.426,40	19.794,81
04.01.2019	21:00:00	14.578,03	14.046,30	19.342,87
04.01.2019	21:15:00	14.747,75	14.224,10	19.270,40
04.01.2019	21:30:00	15.996,72	15.474,07	20.525,95
04.01.2019	21:45:00	15.681,42	15.157,64	20.218,41
04.01.2019	22:00:00	15.412,27	14.885,37	19.773,32
04.01.2019	22:15:00	15.497,93	14.968,91	19.648,74
04.01.2019	22:30:00	15.892,84	15.363,23	19.983,41
04.01.2019	22:45:00	16.378,54	15.852,83	20.224,14
04.01.2019	23:00:00	16.438,07	15.913,10	20.184,10
04.01.2019	23:15:00	15.985,79	15.455,94	19.698,96
04.01.2019	23:30:00	15.397,54	14.863,24	19.062,45
04.01.2019	23:45:00	14.926,94	14.387,81	18.494,49
05.01.2019	00:00:00	14.449,53	13.905,38	17.956,51
05.01.2019	00:15:00	14.158,81	13.613,36	17.708,93
05.01.2019	00:30:00	13.770,71	13.220,33	17.227,88
05.01.2019	00:45:00	13.286,79	12.729,61	16.809,76
05.01.2019	01:00:00	12.944,43	12.386,39	16.401,00
05.01.2019	01:15:00	12.799,35	12.240,01	16.206,07
05.01.2019	01:30:00	12.430,17	11.870,66	15.813,76
05.01.2019	01:45:00	12.035,17	11.473,70	15.431,78
05.01.2019	02:00:00	11.825,68	11.258,94	15.141,44
05.01.2019	02:15:00	11.641,38	11.069,34	14.906,41
05.01.2019	02:30:00	11.574,09	11.001,27	14.835,30
05.01.2019	02:45:00	11.337,55	10.761,59	14.555,28
05.01.2019	03:00:00	11.075,78	10.501,13	14.259,36
05.01.2019	03:15:00	10.958,03	10.382,92	14.140,74
05.01.2019	03:30:00	10.784,58	10.205,34	13.932,32
05.01.2019	03:45:00	10.889,22	10.310,15	14.029,08
05.01.2019	04:00:00	10.842,52	10.261,20	13.915,08
05.01.2019	04:15:00	10.979,37	10.401,01	14.075,50
05.01.2019	04:30:00	10.906,93	10.328,34	14.002,26
05.01.2019	04:45:00	10.684,32	10.102,84	13.749,24
05.01.2019	05:00:00	10.716,85	10.141,13	13.869,24
05.01.2019	05:15:00	10.586,45	10.019,58	13.942,50
05.01.2019	05:30:00	10.150,20	9.596,84	13.647,84
05.01.2019	05:45:00	10.397,50	9.845,32	13.952,32
05.01.2019	06:00:00	10.405,44	9.879,62	14.127,66
05.01.2019	06:15:00	10.311,88	9.789,00	14.298,09
05.01.2019	06:30:00	10.158,43	9.645,68	14.283,68
05.01.2019	06:45:00	9.829,12	9.309,60	13.952,78
05.01.2019	07:00:00	9.717,11	9.200,77	13.954,05
05.01.2019	07:15:00	10.112,88	9.585,19	14.304,60
05.01.2019	07:30:00	10.306,85	9.772,38	14.615,11
05.01.2019	07:45:00	10.785,66	10.258,00	15.217,55

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.01.2019	08:00:00	11.137,16	10.662,90	15.781,53
05.01.2019	08:15:00	11.510,66	11.074,84	16.185,55
05.01.2019	08:30:00	11.172,59	10.732,90	15.869,70
05.01.2019	08:45:00	11.508,55	11.079,27	16.038,88
05.01.2019	09:00:00	12.013,95	11.589,23	16.642,78
05.01.2019	09:15:00	12.302,50	11.876,67	16.995,42
05.01.2019	09:30:00	12.664,02	12.224,53	17.381,56
05.01.2019	09:45:00	13.093,35	12.657,56	17.798,62
05.01.2019	10:00:00	13.393,95	12.969,88	18.029,94
05.01.2019	10:15:00	13.673,71	13.252,23	18.306,81
05.01.2019	10:30:00	14.057,55	13.648,91	18.705,12
05.01.2019	10:45:00	14.202,49	13.784,74	18.819,36
05.01.2019	11:00:00	14.464,22	14.051,09	19.049,88
05.01.2019	11:15:00	14.756,29	14.341,91	19.408,09
05.01.2019	11:30:00	15.103,64	14.698,64	19.670,78
05.01.2019	11:45:00	15.288,10	14.885,12	19.844,74
05.01.2019	12:00:00	15.438,64	15.026,55	20.002,57
05.01.2019	12:15:00	15.476,76	15.063,00	20.050,31
05.01.2019	12:30:00	16.252,12	15.847,82	20.781,24
05.01.2019	12:45:00	16.219,69	15.810,81	20.742,36
05.01.2019	13:00:00	16.134,58	15.726,14	20.605,41
05.01.2019	13:15:00	16.142,63	15.728,61	20.432,20
05.01.2019	13:30:00	16.701,40	16.293,25	21.040,33
05.01.2019	13:45:00	16.410,98	16.000,12	20.643,96
05.01.2019	14:00:00	16.318,59	15.900,48	20.536,14
05.01.2019	14:15:00	15.787,99	15.343,77	19.940,88
05.01.2019	14:30:00	15.450,39	14.985,73	19.566,24
05.01.2019	14:45:00	15.372,15	14.903,42	19.481,14
05.01.2019	15:00:00	15.277,65	14.822,28	19.422,51
05.01.2019	15:15:00	15.046,33	14.593,63	19.167,88
05.01.2019	15:30:00	14.918,61	14.453,92	18.949,86
05.01.2019	15:45:00	14.890,77	14.375,83	18.931,81
05.01.2019	16:00:00	14.977,98	14.457,73	19.000,08
05.01.2019	16:15:00	14.784,96	14.249,13	18.840,90
05.01.2019	16:30:00	14.875,94	14.351,51	18.901,06
05.01.2019	16:45:00	15.166,90	14.650,67	19.170,68
05.01.2019	17:00:00	15.890,94	15.381,00	19.855,13
05.01.2019	17:15:00	16.335,67	15.823,87	20.319,44
05.01.2019	17:30:00	16.404,10	15.894,09	20.342,42
05.01.2019	17:45:00	16.660,18	16.149,96	20.633,44
05.01.2019	18:00:00	16.606,29	16.099,76	20.556,60
05.01.2019	18:15:00	16.595,35	16.090,58	20.495,90
05.01.2019	18:30:00	16.211,08	15.700,92	20.118,48
05.01.2019	18:45:00	16.130,68	15.621,15	20.018,13
05.01.2019	19:00:00	16.046,05	15.533,54	19.954,11
05.01.2019	19:15:00	16.110,86	15.598,99	20.036,66
05.01.2019	19:30:00	16.007,21	15.496,33	19.890,22
05.01.2019	19:45:00	15.758,65	15.248,20	19.529,98
05.01.2019	20:00:00	15.499,43	14.983,95	19.267,98
05.01.2019	20:15:00	15.028,10	14.506,59	18.712,63
05.01.2019	20:30:00	15.003,45	14.482,76	18.636,09
05.01.2019	20:45:00	14.801,22	14.274,79	18.331,77
05.01.2019	21:00:00	14.468,89	13.936,37	18.014,14
05.01.2019	21:15:00	14.561,91	14.028,88	17.990,52
05.01.2019	21:30:00	15.578,90	15.054,79	19.048,84
05.01.2019	21:45:00	15.248,75	14.723,57	18.691,10
05.01.2019	22:00:00	14.894,64	14.367,20	18.289,32
05.01.2019	22:15:00	15.102,73	14.574,55	18.461,50
05.01.2019	22:30:00	15.328,59	14.795,88	18.674,50
05.01.2019	22:45:00	15.855,23	15.328,92	19.045,72
05.01.2019	23:00:00	16.108,89	15.581,22	19.233,89
05.01.2019	23:15:00	15.548,30	15.015,63	18.677,94
05.01.2019	23:30:00	15.056,99	14.519,54	18.187,47
05.01.2019	23:45:00	14.688,02	14.148,40	17.764,10
06.01.2019	00:00:00	14.230,98	13.683,19	17.281,15
06.01.2019	00:15:00	13.609,91	13.055,22	16.519,03
06.01.2019	00:30:00	13.159,58	12.600,76	16.076,43
06.01.2019	00:45:00	13.003,35	12.444,31	15.936,62
06.01.2019	01:00:00	12.646,62	12.083,32	15.537,08
06.01.2019	01:15:00	12.435,18	11.871,60	15.295,61
06.01.2019	01:30:00	12.258,71	11.694,55	15.146,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.01.2019	01:45:00	11.993,38	11.429,09	14.865,76
06.01.2019	02:00:00	11.636,37	11.066,75	14.447,48
06.01.2019	02:15:00	11.575,90	11.008,10	14.409,94
06.01.2019	02:30:00	11.307,39	10.740,49	14.126,63
06.01.2019	02:45:00	11.140,26	10.568,28	13.961,77
06.01.2019	03:00:00	11.079,07	10.529,09	13.914,08
06.01.2019	03:15:00	10.737,24	10.362,83	13.739,39
06.01.2019	03:30:00	10.633,51	10.255,53	13.563,98
06.01.2019	03:45:00	10.581,76	10.207,19	13.618,94
06.01.2019	04:00:00	10.562,19	10.187,36	13.532,16
06.01.2019	04:15:00	10.639,07	10.263,46	13.581,31
06.01.2019	04:30:00	10.568,24	10.151,23	13.504,96
06.01.2019	04:45:00	10.286,00	9.705,38	13.001,63
06.01.2019	05:00:00	10.312,51	9.730,92	13.067,91
06.01.2019	05:15:00	10.159,76	9.576,86	13.026,23
06.01.2019	05:30:00	9.724,20	9.138,38	12.576,68
06.01.2019	05:45:00	9.883,25	9.305,05	12.753,94
06.01.2019	06:00:00	9.823,25	9.266,85	12.762,74
06.01.2019	06:15:00	9.605,04	9.038,51	12.568,75
06.01.2019	06:30:00	9.340,34	8.768,25	12.323,40
06.01.2019	06:45:00	8.874,17	8.298,24	11.811,56
06.01.2019	07:00:00	8.755,91	8.177,73	11.640,08
06.01.2019	07:15:00	8.970,78	8.397,39	11.893,69
06.01.2019	07:30:00	9.359,02	8.793,91	12.167,15
06.01.2019	07:45:00	9.628,24	9.063,50	12.521,51
06.01.2019	08:00:00	9.887,54	9.298,38	12.789,68
06.01.2019	08:15:00	10.113,02	9.512,11	13.029,91
06.01.2019	08:30:00	9.902,75	9.300,81	12.832,50
06.01.2019	08:45:00	10.195,82	9.592,51	13.107,65
06.01.2019	09:00:00	10.768,51	10.157,89	13.668,46
06.01.2019	09:15:00	11.161,96	10.528,77	14.097,98
06.01.2019	09:30:00	11.403,48	10.754,69	14.324,78
06.01.2019	09:45:00	11.808,91	11.144,57	14.690,71
06.01.2019	10:00:00	12.249,84	11.567,40	15.163,36
06.01.2019	10:15:00	12.726,52	11.870,42	15.489,70
06.01.2019	10:30:00	13.049,69	12.168,07	15.794,59
06.01.2019	10:45:00	13.263,41	12.455,60	16.074,26
06.01.2019	11:00:00	13.695,24	12.920,70	16.531,80
06.01.2019	11:15:00	14.135,02	13.350,84	17.028,36
06.01.2019	11:30:00	14.592,12	13.772,70	17.413,13
06.01.2019	11:45:00	15.009,97	14.127,67	17.781,35
06.01.2019	12:00:00	15.209,11	14.289,35	17.916,78
06.01.2019	12:15:00	15.199,53	14.213,36	17.842,50
06.01.2019	12:30:00	15.758,80	14.858,28	18.452,81
06.01.2019	12:45:00	15.521,02	14.630,92	18.279,98
06.01.2019	13:00:00	15.540,52	14.656,66	18.277,07
06.01.2019	13:15:00	15.539,76	14.662,74	18.333,58
06.01.2019	13:30:00	16.198,62	15.352,46	19.002,06
06.01.2019	13:45:00	15.886,64	15.038,74	18.685,35
06.01.2019	14:00:00	15.572,14	14.712,41	18.429,48
06.01.2019	14:15:00	15.358,32	14.588,45	18.299,52
06.01.2019	14:30:00	15.046,90	14.262,84	17.937,27
06.01.2019	14:45:00	14.796,55	14.019,87	17.642,10
06.01.2019	15:00:00	14.482,35	13.751,46	17.456,29
06.01.2019	15:15:00	14.518,84	13.815,95	17.489,05
06.01.2019	15:30:00	14.387,15	13.712,09	17.321,85
06.01.2019	15:45:00	14.224,29	13.555,36	17.266,82
06.01.2019	16:00:00	13.946,58	13.290,38	16.980,48
06.01.2019	16:15:00	13.985,70	13.381,56	17.086,16
06.01.2019	16:30:00	14.231,09	13.660,39	17.389,50
06.01.2019	16:45:00	14.611,37	14.056,13	17.777,18
06.01.2019	17:00:00	14.956,57	14.405,95	18.179,93
06.01.2019	17:15:00	15.569,24	15.045,55	18.873,86
06.01.2019	17:30:00	15.648,06	15.189,80	19.043,04
06.01.2019	17:45:00	16.138,09	15.680,81	19.511,71
06.01.2019	18:00:00	16.356,11	15.900,78	19.700,68
06.01.2019	18:15:00	16.645,09	16.188,76	19.991,70
06.01.2019	18:30:00	16.326,00	15.872,94	19.679,15
06.01.2019	18:45:00	15.897,97	15.440,69	19.216,21
06.01.2019	19:00:00	15.751,05	15.288,53	19.002,18
06.01.2019	19:15:00	15.937,14	15.477,15	19.192,74

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.01.2019	19:30:00	15.904,34	15.443,52	19.150,23
06.01.2019	19:45:00	15.677,43	15.216,40	18.942,76
06.01.2019	20:00:00	15.463,25	14.998,93	18.612,03
06.01.2019	20:15:00	15.238,78	14.769,23	18.387,46
06.01.2019	20:30:00	15.281,57	14.810,54	18.428,05
06.01.2019	20:45:00	15.238,67	14.766,28	18.433,36
06.01.2019	21:00:00	14.847,02	14.369,31	17.986,88
06.01.2019	21:15:00	14.895,25	14.420,22	18.073,35
06.01.2019	21:30:00	15.747,97	15.273,64	18.830,90
06.01.2019	21:45:00	15.173,17	14.694,80	18.253,46
06.01.2019	22:00:00	14.921,76	14.440,65	18.151,56
06.01.2019	22:15:00	14.905,54	14.422,81	18.303,55
06.01.2019	22:30:00	14.743,73	14.258,84	18.181,48
06.01.2019	22:45:00	14.972,31	14.489,72	18.443,98
06.01.2019	23:00:00	15.004,27	14.521,31	18.398,08
06.01.2019	23:15:00	14.255,07	13.764,89	17.719,14
06.01.2019	23:30:00	13.762,85	13.270,32	17.162,65
06.01.2019	23:45:00	13.221,84	12.720,94	16.629,64
07.01.2019	00:00:00	12.887,31	12.384,36	16.281,32
07.01.2019	00:15:00	12.425,75	11.921,77	15.894,51
07.01.2019	00:30:00	12.023,60	11.520,35	15.518,58
07.01.2019	00:45:00	11.833,36	11.324,46	15.301,44
07.01.2019	01:00:00	11.446,04	10.934,65	14.921,02
07.01.2019	01:15:00	11.270,95	10.759,51	14.780,42
07.01.2019	01:30:00	11.079,79	10.566,57	14.601,71
07.01.2019	01:45:00	11.103,37	10.588,72	14.497,92
07.01.2019	02:00:00	10.926,94	10.409,81	14.228,95
07.01.2019	02:15:00	10.866,44	10.347,69	14.207,08
07.01.2019	02:30:00	10.747,34	10.227,83	14.125,28
07.01.2019	02:45:00	10.652,19	10.131,36	14.049,39
07.01.2019	03:00:00	10.666,86	10.145,50	14.072,33
07.01.2019	03:15:00	10.533,63	10.103,08	14.145,06
07.01.2019	03:30:00	10.594,99	10.278,33	14.400,28
07.01.2019	03:45:00	10.687,22	10.371,43	14.520,08
07.01.2019	04:00:00	10.772,84	10.458,96	14.548,42
07.01.2019	04:15:00	10.843,96	10.529,83	14.642,62
07.01.2019	04:30:00	11.003,77	10.692,76	14.855,56
07.01.2019	04:45:00	10.955,33	10.640,77	14.840,47
07.01.2019	05:00:00	10.870,61	10.471,28	14.899,58
07.01.2019	05:15:00	11.035,45	10.543,83	16.178,09
07.01.2019	05:30:00	10.746,05	10.283,02	16.014,62
07.01.2019	05:45:00	11.126,13	10.676,63	16.763,48
07.01.2019	06:00:00	11.413,62	10.967,31	17.824,07
07.01.2019	06:15:00	11.596,32	11.166,86	19.329,94
07.01.2019	06:30:00	11.931,09	11.461,95	20.628,78
07.01.2019	06:45:00	11.838,41	11.318,49	21.077,40
07.01.2019	07:00:00	12.082,48	11.581,19	21.882,47
07.01.2019	07:15:00	12.737,89	12.236,99	23.087,00
07.01.2019	07:30:00	13.033,09	12.542,33	23.980,72
07.01.2019	07:45:00	13.172,07	12.691,57	24.724,98
07.01.2019	08:00:00	13.526,42	13.061,00	25.606,59
07.01.2019	08:15:00	13.572,47	13.108,35	25.864,48
07.01.2019	08:30:00	13.384,59	12.926,05	25.749,35
07.01.2019	08:45:00	13.440,61	12.973,64	26.024,20
07.01.2019	09:00:00	13.653,37	13.169,37	26.111,97
07.01.2019	09:15:00	14.186,46	13.636,38	26.116,41
07.01.2019	09:30:00	14.343,44	13.766,98	26.400,33
07.01.2019	09:45:00	14.452,42	13.810,98	26.775,44
07.01.2019	10:00:00	14.337,71	13.594,22	26.708,54
07.01.2019	10:15:00	14.678,27	13.972,39	27.009,21
07.01.2019	10:30:00	14.447,25	13.766,65	26.868,84
07.01.2019	10:45:00	14.314,75	13.629,39	26.780,56
07.01.2019	11:00:00	14.362,12	13.558,72	26.853,01
07.01.2019	11:15:00	14.377,41	13.569,34	26.898,98
07.01.2019	11:30:00	14.693,07	13.705,22	27.032,99
07.01.2019	11:45:00	14.920,06	13.715,53	27.037,90
07.01.2019	12:00:00	15.112,43	13.673,31	26.856,05
07.01.2019	12:15:00	15.740,96	13.237,54	25.719,22
07.01.2019	12:30:00	15.825,17	13.013,51	24.856,56
07.01.2019	12:45:00	14.858,33	12.679,93	24.767,66
07.01.2019	13:00:00	14.956,05	12.222,63	24.134,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.01.2019	13:15:00	15.417,14	12.938,13	24.974,29
07.01.2019	13:30:00	14.458,30	12.870,86	25.149,38
07.01.2019	13:45:00	14.242,48	13.057,23	25.618,57
07.01.2019	14:00:00	14.086,50	13.019,14	25.457,61
07.01.2019	14:15:00	13.967,32	12.952,30	25.116,76
07.01.2019	14:30:00	13.964,59	12.905,65	24.847,56
07.01.2019	14:45:00	13.979,82	13.067,27	25.000,02
07.01.2019	15:00:00	13.934,41	13.294,37	25.184,73
07.01.2019	15:15:00	14.154,42	13.582,43	25.118,54
07.01.2019	15:30:00	14.088,90	13.558,74	24.884,84
07.01.2019	15:45:00	14.065,11	13.583,83	24.656,06
07.01.2019	16:00:00	14.218,17	13.794,53	24.714,25
07.01.2019	16:15:00	14.398,64	13.976,72	24.503,25
07.01.2019	16:30:00	14.752,36	14.354,84	24.835,23
07.01.2019	16:45:00	15.083,46	14.637,38	25.107,85
07.01.2019	17:00:00	15.511,58	15.047,64	25.359,55
07.01.2019	17:15:00	16.453,66	15.994,02	25.963,95
07.01.2019	17:30:00	16.807,23	16.337,74	25.983,85
07.01.2019	17:45:00	17.068,90	16.595,14	26.052,60
07.01.2019	18:00:00	17.232,06	16.756,72	26.071,52
07.01.2019	18:15:00	17.199,65	16.715,34	25.593,76
07.01.2019	18:30:00	17.033,09	16.545,74	25.257,02
07.01.2019	18:45:00	16.781,39	16.288,47	24.824,57
07.01.2019	19:00:00	16.827,45	16.329,10	24.780,19
07.01.2019	19:15:00	16.866,49	16.366,35	24.853,48
07.01.2019	19:30:00	16.907,24	16.387,77	24.716,66
07.01.2019	19:45:00	16.572,65	16.050,09	24.237,72
07.01.2019	20:00:00	16.287,84	15.762,55	23.814,68
07.01.2019	20:15:00	15.970,74	15.429,94	23.287,48
07.01.2019	20:30:00	15.888,03	15.345,80	22.955,10
07.01.2019	20:45:00	15.744,45	15.197,22	22.865,87
07.01.2019	21:00:00	15.576,78	15.025,02	22.533,18
07.01.2019	21:15:00	15.483,19	14.930,36	22.456,74
07.01.2019	21:30:00	16.326,24	15.770,07	23.155,74
07.01.2019	21:45:00	16.341,71	15.780,44	23.274,28
07.01.2019	22:00:00	15.715,13	15.149,55	22.158,66
07.01.2019	22:15:00	15.391,97	14.822,15	21.420,29
07.01.2019	22:30:00	15.420,33	14.846,78	21.243,81
07.01.2019	22:45:00	15.754,07	15.182,69	21.339,92
07.01.2019	23:00:00	15.694,30	15.126,17	21.057,57
07.01.2019	23:15:00	14.869,97	14.289,47	20.009,28
07.01.2019	23:30:00	14.285,65	13.696,83	19.309,09
07.01.2019	23:45:00	13.851,22	13.258,65	18.720,48
08.01.2019	00:00:00	13.322,36	12.725,92	18.220,38
08.01.2019	00:15:00	12.956,10	12.354,86	17.750,66
08.01.2019	00:30:00	12.486,21	11.880,27	17.353,28
08.01.2019	00:45:00	12.189,23	11.581,41	16.931,40
08.01.2019	01:00:00	11.964,70	11.350,02	16.823,64
08.01.2019	01:15:00	11.902,60	11.289,27	16.667,03
08.01.2019	01:30:00	11.775,54	11.163,21	16.553,89
08.01.2019	01:45:00	11.696,52	11.083,06	16.259,26
08.01.2019	02:00:00	11.521,43	10.906,87	16.079,23
08.01.2019	02:15:00	11.312,79	10.692,36	15.910,45
08.01.2019	02:30:00	11.152,56	10.534,78	15.761,58
08.01.2019	02:45:00	10.964,87	10.344,64	15.584,50
08.01.2019	03:00:00	10.913,93	10.295,59	15.483,06
08.01.2019	03:15:00	10.542,20	9.915,99	15.203,86
08.01.2019	03:30:00	10.495,55	9.867,20	15.139,39
08.01.2019	03:45:00	10.594,58	9.967,55	15.203,11
08.01.2019	04:00:00	10.537,15	9.910,65	15.146,32
08.01.2019	04:15:00	10.701,07	10.072,49	15.290,16
08.01.2019	04:30:00	10.793,15	10.167,30	15.380,13
08.01.2019	04:45:00	10.683,03	10.053,02	15.466,26
08.01.2019	05:00:00	10.905,07	10.283,87	15.874,82
08.01.2019	05:15:00	10.961,10	10.359,42	16.527,12
08.01.2019	05:30:00	10.802,63	10.241,26	16.789,34
08.01.2019	05:45:00	11.181,70	10.623,04	17.480,06
08.01.2019	06:00:00	11.519,82	10.963,21	18.435,10
08.01.2019	06:15:00	11.818,69	11.280,36	20.185,92
08.01.2019	06:30:00	11.986,74	11.469,89	21.396,24
08.01.2019	06:45:00	11.936,23	11.411,56	22.000,48

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.01.2019	07:00:00	12.249,94	11.749,19	22.683,88
08.01.2019	07:15:00	12.821,78	12.329,53	23.933,42
08.01.2019	07:30:00	13.014,11	12.535,52	24.605,22
08.01.2019	07:45:00	12.995,11	12.509,24	25.046,56
08.01.2019	08:00:00	13.382,79	12.913,78	26.028,75
08.01.2019	08:15:00	13.583,92	13.111,17	26.592,20
08.01.2019	08:30:00	13.371,30	12.909,08	26.520,42
08.01.2019	08:45:00	13.329,05	12.840,31	26.266,53
08.01.2019	09:00:00	13.552,67	13.044,98	26.724,32
08.01.2019	09:15:00	14.289,01	13.723,10	26.926,68
08.01.2019	09:30:00	14.232,14	13.664,79	26.902,88
08.01.2019	09:45:00	14.359,17	13.836,27	27.105,34
08.01.2019	10:00:00	14.743,55	14.265,26	27.840,34
08.01.2019	10:15:00	14.828,77	14.254,03	27.888,28
08.01.2019	10:30:00	15.009,75	14.159,25	27.628,61
08.01.2019	10:45:00	14.532,67	13.466,57	26.899,45
08.01.2019	11:00:00	14.429,56	13.365,98	27.109,31
08.01.2019	11:15:00	14.436,94	13.614,34	27.277,16
08.01.2019	11:30:00	14.750,33	13.788,90	27.384,40
08.01.2019	11:45:00	15.179,10	14.040,26	27.571,30
08.01.2019	12:00:00	15.289,45	14.105,86	27.477,33
08.01.2019	12:15:00	15.277,41	13.005,12	25.573,79
08.01.2019	12:30:00	15.636,19	13.346,29	25.451,21
08.01.2019	12:45:00	15.173,13	13.176,56	25.379,25
08.01.2019	13:00:00	14.938,80	13.707,28	26.216,60
08.01.2019	13:15:00	14.742,13	13.157,13	25.501,52
08.01.2019	13:30:00	14.622,50	13.809,00	26.496,64
08.01.2019	13:45:00	14.271,55	13.099,47	25.525,30
08.01.2019	14:00:00	14.064,53	12.760,11	25.223,50
08.01.2019	14:15:00	14.080,48	12.441,00	24.828,86
08.01.2019	14:30:00	13.822,24	12.785,39	25.293,13
08.01.2019	14:45:00	13.877,88	12.985,33	25.428,98
08.01.2019	15:00:00	13.835,36	13.146,55	25.514,47
08.01.2019	15:15:00	14.013,10	13.397,45	25.434,01
08.01.2019	15:30:00	14.049,47	13.386,95	25.210,52
08.01.2019	15:45:00	14.055,89	13.396,27	24.854,15
08.01.2019	16:00:00	13.974,61	13.423,77	24.636,79
08.01.2019	16:15:00	14.261,73	13.721,78	24.813,58
08.01.2019	16:30:00	14.573,92	14.080,03	24.903,50
08.01.2019	16:45:00	15.071,47	14.625,27	25.225,05
08.01.2019	17:00:00	15.875,79	15.437,50	25.998,68
08.01.2019	17:15:00	16.534,46	16.076,62	26.292,10
08.01.2019	17:30:00	16.911,23	16.448,24	26.464,42
08.01.2019	17:45:00	17.425,75	16.967,25	26.666,91
08.01.2019	18:00:00	17.399,90	16.931,58	26.535,00
08.01.2019	18:15:00	17.478,10	17.008,88	26.333,55
08.01.2019	18:30:00	17.429,03	16.953,09	25.902,34
08.01.2019	18:45:00	17.064,51	16.583,89	25.295,77
08.01.2019	19:00:00	16.859,12	16.369,75	25.142,68
08.01.2019	19:15:00	16.894,88	16.399,58	25.099,76
08.01.2019	19:30:00	16.794,51	16.280,38	24.921,34
08.01.2019	19:45:00	16.522,24	15.994,51	24.507,62
08.01.2019	20:00:00	16.310,02	15.769,64	23.987,67
08.01.2019	20:15:00	16.175,86	15.619,28	23.743,71
08.01.2019	20:30:00	15.944,82	15.386,23	23.259,85
08.01.2019	20:45:00	15.850,42	15.288,16	23.157,90
08.01.2019	21:00:00	15.462,53	14.896,51	22.759,68
08.01.2019	21:15:00	15.531,73	14.967,45	22.634,02
08.01.2019	21:30:00	16.517,16	15.961,35	23.462,62
08.01.2019	21:45:00	16.097,74	15.540,39	22.793,74
08.01.2019	22:00:00	15.610,19	15.044,41	22.023,86
08.01.2019	22:15:00	15.252,80	14.682,97	21.289,67
08.01.2019	22:30:00	15.220,23	14.647,30	21.222,34
08.01.2019	22:45:00	15.574,13	15.004,10	21.252,32
08.01.2019	23:00:00	15.592,73	15.018,54	21.010,93
08.01.2019	23:15:00	14.972,66	14.395,13	20.300,26
08.01.2019	23:30:00	14.389,36	13.805,12	19.587,87
08.01.2019	23:45:00	13.776,25	13.189,68	18.811,95
09.01.2019	00:00:00	13.308,91	12.720,46	18.213,47
09.01.2019	00:15:00	12.924,51	12.330,46	17.879,43
09.01.2019	00:30:00	12.574,01	11.973,47	17.528,88

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.01.2019	00:45:00	12.205,44	11.605,50	17.130,90
09.01.2019	01:00:00	11.907,02	11.305,39	16.781,66
09.01.2019	01:15:00	11.563,30	10.957,46	16.444,20
09.01.2019	01:30:00	11.465,94	10.862,90	16.265,29
09.01.2019	01:45:00	11.395,08	10.793,35	16.031,98
09.01.2019	02:00:00	11.173,27	10.567,84	15.822,32
09.01.2019	02:15:00	11.026,20	10.420,41	15.685,56
09.01.2019	02:30:00	10.987,93	10.383,58	15.540,86
09.01.2019	02:45:00	10.945,47	10.339,43	15.518,35
09.01.2019	03:00:00	10.860,46	10.254,63	15.374,81
09.01.2019	03:15:00	10.654,26	10.046,77	15.152,51
09.01.2019	03:30:00	10.518,96	10.079,03	15.289,04
09.01.2019	03:45:00	10.665,34	10.259,94	15.561,42
09.01.2019	04:00:00	10.735,28	10.326,45	15.494,10
09.01.2019	04:15:00	10.782,09	10.373,61	15.560,11
09.01.2019	04:30:00	10.832,90	10.422,55	15.685,20
09.01.2019	04:45:00	10.563,01	10.141,33	15.571,41
09.01.2019	05:00:00	10.714,79	10.105,82	15.766,60
09.01.2019	05:15:00	10.872,10	10.293,51	16.540,43
09.01.2019	05:30:00	10.783,23	10.221,54	16.781,72
09.01.2019	05:45:00	11.376,56	10.831,40	17.632,05
09.01.2019	06:00:00	11.623,97	11.089,99	18.674,23
09.01.2019	06:15:00	11.827,38	11.298,83	20.255,94
09.01.2019	06:30:00	11.897,76	11.398,45	21.144,97
09.01.2019	06:45:00	11.920,12	11.418,81	21.595,19
09.01.2019	07:00:00	12.158,13	11.678,08	22.466,80
09.01.2019	07:15:00	12.703,75	12.229,52	23.721,00
09.01.2019	07:30:00	12.948,73	12.489,01	24.776,36
09.01.2019	07:45:00	13.151,52	12.691,46	25.569,36
09.01.2019	08:00:00	13.537,14	13.160,58	26.450,55
09.01.2019	08:15:00	14.034,24	13.656,09	27.282,66
09.01.2019	08:30:00	13.659,56	13.272,85	26.972,08
09.01.2019	08:45:00	13.501,15	13.129,22	26.988,39
09.01.2019	09:00:00	13.836,95	13.467,93	27.309,38
09.01.2019	09:15:00	14.553,51	14.183,82	27.531,61
09.01.2019	09:30:00	14.588,24	14.207,88	27.886,78
09.01.2019	09:45:00	14.698,90	14.331,06	28.428,98
09.01.2019	10:00:00	14.710,69	14.310,35	28.624,70
09.01.2019	10:15:00	14.864,65	14.390,13	28.576,44
09.01.2019	10:30:00	15.009,96	14.561,01	28.867,12
09.01.2019	10:45:00	14.682,85	14.143,68	28.632,58
09.01.2019	11:00:00	14.630,35	13.904,30	28.091,99
09.01.2019	11:15:00	14.653,38	13.872,46	28.251,76
09.01.2019	11:30:00	14.944,77	14.141,14	28.474,04
09.01.2019	11:45:00	15.169,61	14.157,86	28.236,44
09.01.2019	12:00:00	15.429,31	14.582,93	28.687,64
09.01.2019	12:15:00	15.755,24	15.010,05	28.638,80
09.01.2019	12:30:00	16.417,13	15.623,82	28.558,42
09.01.2019	12:45:00	15.943,92	14.924,08	27.880,04
09.01.2019	13:00:00	15.827,36	15.080,97	28.357,68
09.01.2019	13:15:00	15.871,88	15.045,78	28.516,03
09.01.2019	13:30:00	15.808,73	14.510,80	28.143,82
09.01.2019	13:45:00	15.420,87	14.120,17	27.524,52
09.01.2019	14:00:00	14.872,28	12.901,87	25.987,22
09.01.2019	14:15:00	14.350,20	12.691,61	25.671,13
09.01.2019	14:30:00	14.357,27	13.451,58	26.463,38
09.01.2019	14:45:00	14.361,68	13.511,76	26.424,66
09.01.2019	15:00:00	14.219,11	13.178,99	25.739,58
09.01.2019	15:15:00	14.206,60	13.365,64	25.724,63
09.01.2019	15:30:00	14.060,55	13.242,45	25.467,36
09.01.2019	15:45:00	14.097,91	13.372,16	25.256,80
09.01.2019	16:00:00	14.193,02	13.573,28	25.036,44
09.01.2019	16:15:00	14.627,50	14.135,80	25.147,16
09.01.2019	16:30:00	15.159,47	14.692,04	25.528,86
09.01.2019	16:45:00	15.600,57	15.150,90	25.804,56
09.01.2019	17:00:00	16.385,45	15.940,35	26.497,53
09.01.2019	17:15:00	16.846,66	16.400,11	26.582,69
09.01.2019	17:30:00	17.206,12	16.756,31	26.716,53
09.01.2019	17:45:00	17.657,90	17.210,12	26.874,25
09.01.2019	18:00:00	17.702,67	17.262,92	26.697,32
09.01.2019	18:15:00	17.653,94	17.204,46	26.394,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.01.2019	18:30:00	17.519,05	17.058,06	26.009,00
09.01.2019	18:45:00	17.331,56	16.870,20	25.796,72
09.01.2019	19:00:00	17.135,79	16.670,05	25.578,68
09.01.2019	19:15:00	17.303,98	16.833,99	25.693,42
09.01.2019	19:30:00	17.346,42	16.858,30	25.514,30
09.01.2019	19:45:00	16.964,84	16.463,40	25.047,84
09.01.2019	20:00:00	16.841,60	16.339,07	24.789,40
09.01.2019	20:15:00	16.245,79	15.722,35	23.930,60
09.01.2019	20:30:00	16.138,08	15.611,52	23.659,92
09.01.2019	20:45:00	16.120,21	15.593,21	23.505,71
09.01.2019	21:00:00	15.713,57	15.170,32	22.857,82
09.01.2019	21:15:00	15.787,95	15.246,92	22.850,73
09.01.2019	21:30:00	17.114,89	16.583,02	23.960,54
09.01.2019	21:45:00	16.512,67	15.974,16	23.144,43
09.01.2019	22:00:00	16.060,97	15.512,86	22.348,50
09.01.2019	22:15:00	15.865,82	15.314,40	21.879,84
09.01.2019	22:30:00	15.731,09	15.172,81	21.595,02
09.01.2019	22:45:00	16.160,01	15.603,24	21.722,90
09.01.2019	23:00:00	16.231,02	15.674,23	21.508,94
09.01.2019	23:15:00	15.763,91	15.202,06	20.879,35
09.01.2019	23:30:00	15.179,35	14.614,25	20.235,93
09.01.2019	23:45:00	14.686,96	14.116,76	19.611,56
10.01.2019	00:00:00	14.255,59	13.681,49	19.046,33
10.01.2019	00:15:00	13.865,57	13.286,23	18.692,19
10.01.2019	00:30:00	13.647,71	13.067,39	18.529,62
10.01.2019	00:45:00	13.359,93	12.774,91	18.265,60
10.01.2019	01:00:00	13.196,63	12.608,06	18.009,97
10.01.2019	01:15:00	12.959,82	12.371,03	17.746,33
10.01.2019	01:30:00	12.730,83	12.141,66	17.582,48
10.01.2019	01:45:00	12.583,12	11.997,60	17.331,26
10.01.2019	02:00:00	12.319,95	11.726,80	17.123,46
10.01.2019	02:15:00	12.103,00	11.509,09	16.943,84
10.01.2019	02:30:00	12.074,04	11.479,56	16.850,43
10.01.2019	02:45:00	12.000,05	11.403,99	16.582,97
10.01.2019	03:00:00	12.029,53	11.437,55	16.587,86
10.01.2019	03:15:00	11.551,26	10.954,87	16.090,52
10.01.2019	03:30:00	11.275,71	10.680,97	15.874,35
10.01.2019	03:45:00	11.295,58	10.700,58	15.910,47
10.01.2019	04:00:00	11.446,15	10.849,36	16.055,36
10.01.2019	04:15:00	11.308,55	10.707,02	15.994,70
10.01.2019	04:30:00	11.351,71	10.751,61	16.093,84
10.01.2019	04:45:00	11.192,84	10.590,56	16.019,46
10.01.2019	05:00:00	11.218,38	10.627,09	16.254,06
10.01.2019	05:15:00	11.160,12	10.587,42	16.877,97
10.01.2019	05:30:00	10.938,65	10.375,33	16.989,20
10.01.2019	05:45:00	11.413,37	10.861,31	17.889,95
10.01.2019	06:00:00	11.698,09	11.155,75	18.641,75
10.01.2019	06:15:00	11.871,47	11.343,37	20.188,80
10.01.2019	06:30:00	11.984,74	11.479,47	21.233,77
10.01.2019	06:45:00	12.007,79	11.505,72	21.718,20
10.01.2019	07:00:00	12.406,46	11.935,21	22.925,48
10.01.2019	07:15:00	12.977,75	12.506,37	23.997,04
10.01.2019	07:30:00	13.282,38	12.815,95	25.114,17
10.01.2019	07:45:00	13.363,39	12.897,41	25.528,79
10.01.2019	08:00:00	13.647,38	13.189,64	26.178,34
10.01.2019	08:15:00	13.638,93	13.183,81	26.528,10
10.01.2019	08:30:00	13.607,32	13.156,27	26.546,36
10.01.2019	08:45:00	13.654,78	13.209,83	26.684,63
10.01.2019	09:00:00	13.967,31	13.533,89	26.896,93
10.01.2019	09:15:00	14.609,61	14.175,37	27.041,26
10.01.2019	09:30:00	14.587,18	14.156,78	27.253,98
10.01.2019	09:45:00	14.663,90	14.233,69	27.895,38
10.01.2019	10:00:00	14.634,94	14.203,54	28.162,14
10.01.2019	10:15:00	14.783,16	14.354,07	28.348,40
10.01.2019	10:30:00	14.762,22	14.333,33	28.511,71
10.01.2019	10:45:00	14.554,51	14.094,55	28.226,61
10.01.2019	11:00:00	14.576,08	14.128,01	28.102,52
10.01.2019	11:15:00	14.826,82	14.383,33	28.332,12
10.01.2019	11:30:00	15.107,48	14.661,41	28.600,48
10.01.2019	11:45:00	15.283,51	14.852,32	28.736,32
10.01.2019	12:00:00	15.520,42	15.086,63	28.812,41

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.01.2019	12:15:00	16.092,72	15.650,18	28.687,22
10.01.2019	12:30:00	16.608,76	16.164,83	28.758,72
10.01.2019	12:45:00	16.134,96	15.677,42	28.505,69
10.01.2019	13:00:00	15.951,07	15.503,48	28.503,98
10.01.2019	13:15:00	15.691,48	15.241,65	28.370,35
10.01.2019	13:30:00	15.516,12	15.059,00	28.504,37
10.01.2019	13:45:00	15.374,89	14.912,63	28.258,18
10.01.2019	14:00:00	15.109,64	14.642,52	27.907,27
10.01.2019	14:15:00	15.022,96	14.566,60	27.767,06
10.01.2019	14:30:00	14.859,21	14.395,87	27.456,79
10.01.2019	14:45:00	14.673,05	14.200,15	27.020,95
10.01.2019	15:00:00	14.653,74	14.190,55	26.975,74
10.01.2019	15:15:00	14.725,78	14.265,37	26.761,49
10.01.2019	15:30:00	14.676,88	14.211,18	26.433,08
10.01.2019	15:45:00	14.601,56	14.137,52	26.146,10
10.01.2019	16:00:00	14.811,00	14.344,96	26.152,09
10.01.2019	16:15:00	15.114,34	14.682,36	25.752,50
10.01.2019	16:30:00	15.278,68	14.840,55	25.784,24
10.01.2019	16:45:00	15.563,55	15.131,46	25.888,81
10.01.2019	17:00:00	16.019,33	15.589,87	26.232,53
10.01.2019	17:15:00	17.072,21	16.655,46	26.890,52
10.01.2019	17:30:00	17.421,56	17.006,41	27.028,74
10.01.2019	17:45:00	17.617,46	17.204,00	26.957,54
10.01.2019	18:00:00	17.867,98	17.458,52	27.026,20
10.01.2019	18:15:00	17.781,90	17.359,93	26.601,15
10.01.2019	18:30:00	17.547,52	17.110,31	26.052,50
10.01.2019	18:45:00	17.325,26	16.872,18	25.546,20
10.01.2019	19:00:00	17.171,32	16.699,67	25.390,83
10.01.2019	19:15:00	17.198,17	16.732,13	25.400,68
10.01.2019	19:30:00	17.107,63	16.603,09	25.134,84
10.01.2019	19:45:00	16.876,96	16.366,29	24.722,70
10.01.2019	20:00:00	16.480,93	15.955,70	24.352,02
10.01.2019	20:15:00	16.270,48	15.729,43	23.956,76
10.01.2019	20:30:00	16.186,94	15.649,19	23.619,53
10.01.2019	20:45:00	16.200,75	15.663,92	23.555,41
10.01.2019	21:00:00	15.806,88	15.257,44	23.062,89
10.01.2019	21:15:00	15.837,22	15.328,12	23.166,61
10.01.2019	21:30:00	17.050,04	16.506,21	24.120,46
10.01.2019	21:45:00	16.679,46	16.129,06	23.472,92
10.01.2019	22:00:00	16.315,36	15.762,25	22.905,19
10.01.2019	22:15:00	16.051,00	15.496,07	22.135,13
10.01.2019	22:30:00	15.896,69	15.340,18	21.770,94
10.01.2019	22:45:00	16.194,44	15.637,97	21.654,30
10.01.2019	23:00:00	16.260,33	15.700,57	21.588,29
10.01.2019	23:15:00	15.517,96	14.954,07	20.746,89
10.01.2019	23:30:00	15.028,97	14.455,97	20.105,35
10.01.2019	23:45:00	14.565,55	13.989,53	19.662,22
11.01.2019	00:00:00	14.190,74	13.610,42	19.137,38
11.01.2019	00:15:00	13.740,33	13.152,03	18.865,94
11.01.2019	00:30:00	13.431,17	12.840,57	18.446,18
11.01.2019	00:45:00	13.208,59	12.616,11	18.364,03
11.01.2019	01:00:00	12.943,09	12.345,61	18.094,69
11.01.2019	01:15:00	12.935,67	12.340,81	18.017,98
11.01.2019	01:30:00	12.570,85	11.971,47	17.590,40
11.01.2019	01:45:00	12.321,84	11.716,34	17.223,52
11.01.2019	02:00:00	12.215,43	11.609,77	17.095,18
11.01.2019	02:15:00	12.174,60	11.569,27	17.022,95
11.01.2019	02:30:00	12.015,79	11.411,41	16.942,49
11.01.2019	02:45:00	11.819,79	11.212,42	16.694,87
11.01.2019	03:00:00	11.751,72	11.142,77	16.729,28
11.01.2019	03:15:00	11.466,92	10.854,45	16.189,64
11.01.2019	03:30:00	11.395,54	10.785,04	16.097,46
11.01.2019	03:45:00	11.459,66	10.851,84	16.155,92
11.01.2019	04:00:00	11.532,21	10.922,69	16.271,03
11.01.2019	04:15:00	11.662,77	11.052,21	16.425,15
11.01.2019	04:30:00	11.670,81	11.064,77	16.498,45
11.01.2019	04:45:00	11.485,18	10.878,95	16.407,76
11.01.2019	05:00:00	11.342,53	10.739,35	16.524,04
11.01.2019	05:15:00	11.463,55	10.883,37	17.285,99
11.01.2019	05:30:00	11.199,53	10.623,29	17.215,25
11.01.2019	05:45:00	11.663,65	11.104,36	18.098,04

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.01.2019	06:00:00	12.000,98	11.449,10	19.054,92
11.01.2019	06:15:00	12.278,89	11.741,84	20.853,72
11.01.2019	06:30:00	12.282,80	11.774,58	21.624,79
11.01.2019	06:45:00	12.075,70	11.572,87	21.908,23
11.01.2019	07:00:00	12.371,70	11.873,20	22.727,78
11.01.2019	07:15:00	13.159,05	12.674,13	24.147,10
11.01.2019	07:30:00	13.534,63	13.058,50	25.186,20
11.01.2019	07:45:00	13.497,48	13.020,48	25.628,01
11.01.2019	08:00:00	13.815,13	13.348,66	26.277,05
11.01.2019	08:15:00	13.605,20	13.291,81	26.717,13
11.01.2019	08:30:00	13.680,33	13.419,30	26.999,18
11.01.2019	08:45:00	13.667,85	13.391,32	26.822,45
11.01.2019	09:00:00	13.960,43	13.696,31	27.164,42
11.01.2019	09:15:00	14.672,78	14.429,98	27.229,73
11.01.2019	09:30:00	14.735,33	14.525,66	27.219,42
11.01.2019	09:45:00	14.813,09	14.448,34	27.541,13
11.01.2019	10:00:00	14.924,48	14.536,70	27.738,28
11.01.2019	10:15:00	15.094,01	14.694,08	27.885,92
11.01.2019	10:30:00	15.244,99	14.845,87	28.141,11
11.01.2019	10:45:00	15.073,61	14.673,89	28.148,10
11.01.2019	11:00:00	15.014,50	14.610,55	28.147,04
11.01.2019	11:15:00	15.158,79	14.752,75	28.237,59
11.01.2019	11:30:00	15.253,70	14.840,27	28.061,58
11.01.2019	11:45:00	15.518,95	15.092,45	28.085,39
11.01.2019	12:00:00	15.611,26	15.197,69	27.858,32
11.01.2019	12:15:00	16.330,22	15.912,85	28.253,37
11.01.2019	12:30:00	16.901,06	16.474,22	28.241,59
11.01.2019	12:45:00	16.552,57	16.133,46	28.066,07
11.01.2019	13:00:00	16.463,21	16.026,74	28.043,12
11.01.2019	13:15:00	16.092,05	15.653,11	27.534,45
11.01.2019	13:30:00	16.042,82	15.607,28	27.632,83
11.01.2019	13:45:00	15.764,30	15.333,57	27.083,72
11.01.2019	14:00:00	15.314,38	14.884,31	26.408,12
11.01.2019	14:15:00	15.260,24	14.825,97	26.346,12
11.01.2019	14:30:00	14.791,17	14.345,69	25.809,78
11.01.2019	14:45:00	14.642,55	14.195,12	25.474,42
11.01.2019	15:00:00	14.712,87	14.279,50	25.447,31
11.01.2019	15:15:00	14.519,98	14.083,33	24.917,83
11.01.2019	15:30:00	14.438,32	13.978,45	24.618,90
11.01.2019	15:45:00	14.661,62	14.164,49	24.448,86
11.01.2019	16:00:00	14.679,96	14.168,96	24.293,31
11.01.2019	16:15:00	14.783,51	14.272,43	23.846,37
11.01.2019	16:30:00	15.207,61	14.703,41	24.105,46
11.01.2019	16:45:00	15.538,79	15.050,76	24.302,11
11.01.2019	17:00:00	15.938,68	15.453,17	24.518,97
11.01.2019	17:15:00	16.744,83	16.261,55	25.095,56
11.01.2019	17:30:00	17.286,95	16.813,80	25.490,08
11.01.2019	17:45:00	17.396,29	16.913,22	25.373,12
11.01.2019	18:00:00	17.808,55	17.332,05	25.645,48
11.01.2019	18:15:00	17.714,09	17.241,42	25.411,11
11.01.2019	18:30:00	17.581,19	17.102,17	24.995,78
11.01.2019	18:45:00	17.384,98	16.897,56	24.638,80
11.01.2019	19:00:00	17.328,63	16.829,52	24.609,60
11.01.2019	19:15:00	17.360,20	16.861,17	24.517,04
11.01.2019	19:30:00	17.225,97	16.725,28	24.254,60
11.01.2019	19:45:00	17.073,67	16.567,78	23.836,60
11.01.2019	20:00:00	16.783,01	16.266,52	23.394,42
11.01.2019	20:15:00	16.581,22	16.053,45	22.991,83
11.01.2019	20:30:00	16.035,79	15.503,18	22.271,26
11.01.2019	20:45:00	15.825,52	15.290,89	21.901,13
11.01.2019	21:00:00	15.475,77	14.935,68	21.381,44
11.01.2019	21:15:00	15.558,35	15.014,40	21.393,52
11.01.2019	21:30:00	16.897,93	16.364,82	22.618,52
11.01.2019	21:45:00	16.554,92	16.011,91	22.311,40
11.01.2019	22:00:00	16.279,73	15.738,35	21.974,26
11.01.2019	22:15:00	16.081,98	15.534,84	21.515,14
11.01.2019	22:30:00	16.399,52	15.852,14	21.633,76
11.01.2019	22:45:00	16.906,90	16.363,69	22.040,13
11.01.2019	23:00:00	17.217,13	16.677,67	22.075,87
11.01.2019	23:15:00	16.749,62	16.207,80	21.471,92
11.01.2019	23:30:00	16.220,05	15.677,55	20.813,83

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.01.2019	23:45:00	15.712,62	15.155,73	20.334,23
12.01.2019	00:00:00	15.255,98	14.693,60	19.710,97
12.01.2019	00:15:00	14.723,44	14.156,10	19.236,14
12.01.2019	00:30:00	14.109,72	13.541,14	18.458,89
12.01.2019	00:45:00	13.778,29	13.206,36	18.103,78
12.01.2019	01:00:00	13.648,35	13.071,83	17.997,76
12.01.2019	01:15:00	13.420,62	12.842,42	17.704,77
12.01.2019	01:30:00	13.274,28	12.697,30	17.572,16
12.01.2019	01:45:00	12.952,33	12.359,20	17.267,56
12.01.2019	02:00:00	12.718,74	12.126,41	17.077,82
12.01.2019	02:15:00	12.345,55	11.745,00	16.634,41
12.01.2019	02:30:00	12.104,76	11.502,38	16.231,60
12.01.2019	02:45:00	11.947,99	11.336,84	16.058,49
12.01.2019	03:00:00	11.848,85	11.238,58	15.992,97
12.01.2019	03:15:00	11.572,98	10.960,31	15.547,44
12.01.2019	03:30:00	11.407,73	10.790,65	15.278,00
12.01.2019	03:45:00	11.412,91	10.797,68	15.361,05
12.01.2019	04:00:00	11.422,51	10.802,73	15.188,68
12.01.2019	04:15:00	11.320,53	10.699,78	14.863,87
12.01.2019	04:30:00	11.191,55	10.573,37	14.742,88
12.01.2019	04:45:00	10.843,08	10.221,62	14.422,45
12.01.2019	05:00:00	10.860,62	10.253,93	14.650,35
12.01.2019	05:15:00	10.669,41	10.073,91	14.781,52
12.01.2019	05:30:00	10.276,15	9.695,57	14.463,51
12.01.2019	05:45:00	10.561,80	9.997,66	14.932,23
12.01.2019	06:00:00	10.590,54	10.020,72	15.231,40
12.01.2019	06:15:00	10.441,82	9.875,90	15.301,14
12.01.2019	06:30:00	10.373,91	9.811,77	15.358,32
12.01.2019	06:45:00	9.977,96	9.415,94	15.088,10
12.01.2019	07:00:00	9.979,90	9.419,57	15.186,71
12.01.2019	07:15:00	10.377,25	9.808,50	15.682,77
12.01.2019	07:30:00	10.743,60	10.172,04	16.264,66
12.01.2019	07:45:00	11.149,51	10.583,42	16.682,49
12.01.2019	08:00:00	11.552,26	10.995,91	17.204,12
12.01.2019	08:15:00	11.642,55	11.093,68	17.538,55
12.01.2019	08:30:00	11.570,49	11.023,36	17.430,68
12.01.2019	08:45:00	12.085,30	11.530,56	17.790,09
12.01.2019	09:00:00	12.626,15	12.079,00	18.406,03
12.01.2019	09:15:00	12.953,09	12.377,33	18.516,68
12.01.2019	09:30:00	13.290,53	12.697,73	18.780,03
12.01.2019	09:45:00	13.614,07	12.987,10	19.123,62
12.01.2019	10:00:00	13.837,01	13.164,64	19.192,82
12.01.2019	10:15:00	14.344,75	13.637,59	19.804,82
12.01.2019	10:30:00	14.558,24	13.824,89	20.054,98
12.01.2019	10:45:00	14.857,58	14.086,15	20.290,56
12.01.2019	11:00:00	15.090,27	14.220,26	20.391,67
12.01.2019	11:15:00	15.182,68	14.257,94	20.412,66
12.01.2019	11:30:00	15.338,26	14.444,43	20.504,65
12.01.2019	11:45:00	15.736,11	14.909,70	20.999,22
12.01.2019	12:00:00	16.158,66	14.975,48	20.952,97
12.01.2019	12:15:00	15.852,82	14.921,16	20.621,88
12.01.2019	12:30:00	16.233,73	15.394,05	20.987,51
12.01.2019	12:45:00	16.297,40	15.514,60	21.010,96
12.01.2019	13:00:00	16.276,35	15.470,15	20.889,08
12.01.2019	13:15:00	16.369,36	15.437,98	20.785,73
12.01.2019	13:30:00	16.810,83	15.846,37	21.242,82
12.01.2019	13:45:00	16.755,14	15.814,50	21.210,53
12.01.2019	14:00:00	16.330,45	15.453,66	20.756,94
12.01.2019	14:15:00	15.723,17	14.969,50	20.053,56
12.01.2019	14:30:00	15.475,78	14.501,37	19.553,94
12.01.2019	14:45:00	15.359,17	14.372,86	19.422,48
12.01.2019	15:00:00	15.112,03	14.354,82	19.431,97
12.01.2019	15:15:00	14.913,27	14.109,94	19.179,74
12.01.2019	15:30:00	14.677,57	13.966,73	19.033,44
12.01.2019	15:45:00	14.482,62	13.784,63	18.850,08
12.01.2019	16:00:00	14.587,38	13.950,84	19.057,88
12.01.2019	16:15:00	14.778,92	14.156,21	19.353,73
12.01.2019	16:30:00	14.659,86	14.035,55	19.192,48
12.01.2019	16:45:00	14.675,03	14.095,84	19.194,44
12.01.2019	17:00:00	15.333,50	14.769,30	19.882,90
12.01.2019	17:15:00	16.051,63	15.496,42	20.669,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.01.2019	17:30:00	16.589,85	16.045,55	21.167,13
12.01.2019	17:45:00	16.735,19	16.188,93	21.253,85
12.01.2019	18:00:00	17.043,48	16.500,74	21.594,21
12.01.2019	18:15:00	16.886,97	16.336,65	21.436,30
12.01.2019	18:30:00	16.407,71	15.854,10	20.776,54
12.01.2019	18:45:00	16.310,57	15.755,19	20.685,24
12.01.2019	19:00:00	15.984,94	15.421,59	20.346,28
12.01.2019	19:15:00	16.109,47	15.546,92	20.450,87
12.01.2019	19:30:00	16.055,99	15.496,58	20.307,37
12.01.2019	19:45:00	15.829,70	15.267,32	20.049,72
12.01.2019	20:00:00	15.728,07	15.164,98	19.943,08
12.01.2019	20:15:00	15.503,86	14.939,41	19.628,01
12.01.2019	20:30:00	15.132,63	14.563,41	19.013,53
12.01.2019	20:45:00	15.024,67	14.454,07	18.973,24
12.01.2019	21:00:00	14.768,87	14.199,60	18.703,24
12.01.2019	21:15:00	14.817,11	14.248,51	18.684,09
12.01.2019	21:30:00	15.937,69	15.375,01	19.688,94
12.01.2019	21:45:00	15.499,55	14.933,68	19.240,57
12.01.2019	22:00:00	15.094,06	14.526,61	18.892,08
12.01.2019	22:15:00	15.316,23	14.750,77	19.030,80
12.01.2019	22:30:00	15.361,84	14.802,33	19.073,11
12.01.2019	22:45:00	15.975,17	15.430,54	19.573,30
12.01.2019	23:00:00	16.047,23	15.507,48	19.682,57
12.01.2019	23:15:00	15.464,57	14.940,23	19.006,98
12.01.2019	23:30:00	14.952,65	14.548,23	18.585,60
12.01.2019	23:45:00	14.516,63	14.107,49	18.026,22
13.01.2019	00:00:00	13.974,92	13.561,22	17.415,82
13.01.2019	00:15:00	13.487,03	13.068,30	16.898,13
13.01.2019	00:30:00	13.148,13	12.725,29	16.505,07
13.01.2019	00:45:00	12.647,42	12.220,33	15.964,87
13.01.2019	01:00:00	12.319,91	11.888,24	15.708,24
13.01.2019	01:15:00	11.948,92	11.512,33	15.284,69
13.01.2019	01:30:00	11.789,64	11.352,88	15.199,33
13.01.2019	01:45:00	11.550,84	11.113,38	14.843,59
13.01.2019	02:00:00	11.547,09	11.109,34	14.843,43
13.01.2019	02:15:00	11.350,96	10.910,55	14.649,15
13.01.2019	02:30:00	11.162,41	10.719,30	14.507,54
13.01.2019	02:45:00	11.022,41	10.575,83	14.365,16
13.01.2019	03:00:00	10.718,72	10.268,47	14.040,45
13.01.2019	03:15:00	10.446,37	9.993,35	13.720,68
13.01.2019	03:30:00	10.356,41	9.905,38	13.554,88
13.01.2019	03:45:00	10.512,55	10.062,98	13.659,47
13.01.2019	04:00:00	10.446,46	9.995,40	13.551,24
13.01.2019	04:15:00	10.604,75	10.264,36	13.895,66
13.01.2019	04:30:00	10.439,31	10.195,31	13.794,92
13.01.2019	04:45:00	10.240,38	9.998,18	13.602,92
13.01.2019	05:00:00	10.284,17	10.044,36	13.565,23
13.01.2019	05:15:00	10.148,94	9.910,07	13.489,73
13.01.2019	05:30:00	9.704,68	9.362,98	12.974,46
13.01.2019	05:45:00	9.698,27	9.254,90	12.852,12
13.01.2019	06:00:00	9.768,19	9.333,10	12.986,74
13.01.2019	06:15:00	9.563,09	9.127,35	12.725,38
13.01.2019	06:30:00	9.396,75	8.956,97	12.604,40
13.01.2019	06:45:00	8.999,89	8.558,43	12.208,97
13.01.2019	07:00:00	8.838,82	8.397,64	12.144,54
13.01.2019	07:15:00	9.126,53	8.691,15	12.430,76
13.01.2019	07:30:00	9.322,00	8.892,99	12.650,66
13.01.2019	07:45:00	9.744,86	9.322,69	13.136,47
13.01.2019	08:00:00	10.009,44	9.583,33	13.396,95
13.01.2019	08:15:00	10.134,52	9.702,95	13.658,99
13.01.2019	08:30:00	10.273,87	9.823,37	13.677,29
13.01.2019	08:45:00	10.651,40	10.075,17	13.880,48
13.01.2019	09:00:00	11.098,64	10.557,25	14.380,25
13.01.2019	09:15:00	11.549,70	10.972,63	14.765,20
13.01.2019	09:30:00	11.911,61	11.325,05	15.110,95
13.01.2019	09:45:00	12.281,41	11.652,57	15.411,84
13.01.2019	10:00:00	12.730,48	12.018,20	15.818,62
13.01.2019	10:15:00	13.181,12	12.522,94	16.348,25
13.01.2019	10:30:00	13.628,17	13.042,03	16.987,58
13.01.2019	10:45:00	13.964,84	13.402,90	17.351,59
13.01.2019	11:00:00	14.229,95	13.632,95	17.549,92

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.01.2019	11:15:00	14.687,05	14.087,66	18.045,04
13.01.2019	11:30:00	15.178,58	14.584,50	18.494,50
13.01.2019	11:45:00	15.578,60	14.988,73	19.021,69
13.01.2019	12:00:00	15.860,74	15.294,32	19.273,32
13.01.2019	12:15:00	16.051,18	15.433,50	19.458,98
13.01.2019	12:30:00	16.533,32	15.884,81	19.862,14
13.01.2019	12:45:00	16.324,86	15.593,87	19.599,63
13.01.2019	13:00:00	15.859,76	15.135,61	19.184,16
13.01.2019	13:15:00	15.818,35	15.138,18	19.106,28
13.01.2019	13:30:00	16.560,88	15.862,62	19.792,01
13.01.2019	13:45:00	16.316,69	15.589,29	19.520,20
13.01.2019	14:00:00	15.920,03	15.381,84	19.375,05
13.01.2019	14:15:00	15.518,43	14.940,62	18.981,22
13.01.2019	14:30:00	15.179,24	14.669,45	18.626,60
13.01.2019	14:45:00	14.830,73	14.361,45	18.295,82
13.01.2019	15:00:00	14.621,17	14.164,74	18.144,87
13.01.2019	15:15:00	14.256,10	13.785,43	17.824,76
13.01.2019	15:30:00	14.080,53	13.613,70	17.683,70
13.01.2019	15:45:00	14.015,30	13.549,06	17.595,30
13.01.2019	16:00:00	13.751,16	13.244,02	17.261,10
13.01.2019	16:15:00	13.888,29	13.441,49	17.437,34
13.01.2019	16:30:00	14.273,33	13.831,44	17.791,50
13.01.2019	16:45:00	14.559,05	14.122,23	18.147,42
13.01.2019	17:00:00	15.350,28	14.924,07	18.974,72
13.01.2019	17:15:00	15.620,73	15.197,38	19.244,40
13.01.2019	17:30:00	15.826,06	15.400,81	19.465,32
13.01.2019	17:45:00	15.960,71	15.528,52	19.589,34
13.01.2019	18:00:00	15.936,69	15.500,98	19.551,68
13.01.2019	18:15:00	16.058,73	15.632,55	19.672,02
13.01.2019	18:30:00	15.901,40	15.469,81	19.464,57
13.01.2019	18:45:00	15.850,45	15.416,40	19.424,83
13.01.2019	19:00:00	15.541,79	15.105,03	19.081,39
13.01.2019	19:15:00	15.744,59	15.311,91	19.268,83
13.01.2019	19:30:00	15.863,92	15.435,21	19.373,85
13.01.2019	19:45:00	15.446,31	15.009,11	18.921,77
13.01.2019	20:00:00	15.283,01	14.848,19	18.669,46
13.01.2019	20:15:00	15.139,23	14.697,80	18.602,18
13.01.2019	20:30:00	14.782,13	14.336,30	18.209,56
13.01.2019	20:45:00	14.835,98	14.385,39	18.241,10
13.01.2019	21:00:00	14.367,55	13.914,23	17.774,00
13.01.2019	21:15:00	14.392,17	13.933,52	17.765,08
13.01.2019	21:30:00	14.975,56	14.519,26	18.382,09
13.01.2019	21:45:00	14.548,79	14.126,70	17.941,74
13.01.2019	22:00:00	14.236,96	13.826,39	17.724,72
13.01.2019	22:15:00	14.205,45	13.795,92	17.854,19
13.01.2019	22:30:00	13.900,30	13.487,61	17.453,42
13.01.2019	22:45:00	14.035,59	13.621,33	17.620,19
13.01.2019	23:00:00	14.030,41	13.617,48	17.607,67
13.01.2019	23:15:00	13.379,38	12.958,47	17.009,63
13.01.2019	23:30:00	12.930,46	12.505,38	16.473,37
13.01.2019	23:45:00	12.354,38	11.925,90	15.972,66
14.01.2019	00:00:00	11.928,28	11.494,50	15.515,31
14.01.2019	00:15:00	11.437,74	10.998,89	14.989,26
14.01.2019	00:30:00	11.082,97	10.642,30	14.704,53
14.01.2019	00:45:00	10.795,96	10.353,86	14.349,66
14.01.2019	01:00:00	10.490,59	10.046,81	14.193,76
14.01.2019	01:15:00	10.402,22	9.957,62	14.131,39
14.01.2019	01:30:00	10.359,83	9.913,19	14.105,95
14.01.2019	01:45:00	10.202,09	9.754,04	13.825,80
14.01.2019	02:00:00	10.208,15	9.759,96	13.769,03
14.01.2019	02:15:00	10.211,58	9.761,79	13.767,86
14.01.2019	02:30:00	10.210,40	9.763,24	13.827,19
14.01.2019	02:45:00	10.164,64	9.843,91	13.929,10
14.01.2019	03:00:00	10.177,24	9.935,69	13.932,84
14.01.2019	03:15:00	9.957,35	9.716,72	13.878,58
14.01.2019	03:30:00	9.880,27	9.633,71	13.820,15
14.01.2019	03:45:00	9.918,69	9.672,27	13.842,26
14.01.2019	04:00:00	10.075,82	9.710,43	13.913,42
14.01.2019	04:15:00	10.147,96	9.695,60	13.878,30
14.01.2019	04:30:00	10.322,75	9.879,29	14.106,60
14.01.2019	04:45:00	10.361,94	9.920,30	14.148,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.01.2019	05:00:00	10.464,35	10.029,36	14.852,60
14.01.2019	05:15:00	10.655,30	10.235,95	15.810,21
14.01.2019	05:30:00	10.479,17	10.092,51	15.962,34
14.01.2019	05:45:00	11.017,14	10.638,14	16.840,04
14.01.2019	06:00:00	11.251,99	10.873,64	17.815,77
14.01.2019	06:15:00	11.521,19	11.155,90	19.709,34
14.01.2019	06:30:00	11.652,20	11.310,21	20.548,00
14.01.2019	06:45:00	11.658,17	11.315,24	20.845,12
14.01.2019	07:00:00	11.929,17	11.607,94	21.677,51
14.01.2019	07:15:00	12.518,80	12.205,95	23.127,38
14.01.2019	07:30:00	12.951,33	12.645,88	24.198,33
14.01.2019	07:45:00	13.113,01	12.822,75	24.838,21
14.01.2019	08:00:00	13.398,42	13.125,78	25.693,90
14.01.2019	08:15:00	13.056,79	12.778,89	25.585,93
14.01.2019	08:30:00	13.221,48	12.955,18	26.088,04
14.01.2019	08:45:00	13.289,14	12.980,36	26.192,10
14.01.2019	09:00:00	13.441,38	13.036,55	26.239,88
14.01.2019	09:15:00	13.931,96	13.512,56	25.907,74
14.01.2019	09:30:00	14.060,49	13.664,38	26.154,76
14.01.2019	09:45:00	14.028,03	13.495,81	26.582,95
14.01.2019	10:00:00	14.019,15	13.523,54	27.004,26
14.01.2019	10:15:00	14.257,26	13.640,08	26.897,44
14.01.2019	10:30:00	14.387,49	13.900,48	27.296,71
14.01.2019	10:45:00	14.244,11	13.652,54	27.354,10
14.01.2019	11:00:00	14.158,33	13.517,41	27.199,06
14.01.2019	11:15:00	14.077,89	13.483,50	27.149,83
14.01.2019	11:30:00	14.247,85	13.382,76	26.805,44
14.01.2019	11:45:00	14.546,82	13.544,78	27.023,54
14.01.2019	12:00:00	14.824,22	13.750,46	27.039,90
14.01.2019	12:15:00	15.208,84	14.381,64	27.029,05
14.01.2019	12:30:00	15.610,55	14.726,65	27.301,76
14.01.2019	12:45:00	15.596,83	14.632,08	27.361,96
14.01.2019	13:00:00	15.268,80	14.112,94	27.035,57
14.01.2019	13:15:00	14.860,57	13.785,16	26.581,46
14.01.2019	13:30:00	14.735,54	13.754,83	26.790,22
14.01.2019	13:45:00	14.500,42	13.176,97	26.200,58
14.01.2019	14:00:00	14.040,26	11.163,75	23.795,70
14.01.2019	14:15:00	13.992,68	10.401,26	23.119,99
14.01.2019	14:30:00	13.516,44	10.923,98	23.578,73
14.01.2019	14:45:00	13.578,22	13.077,69	25.914,70
14.01.2019	15:00:00	14.217,07	13.756,64	26.478,80
14.01.2019	15:15:00	14.367,28	13.844,41	26.476,91
14.01.2019	15:30:00	14.473,50	14.068,59	26.308,69
14.01.2019	15:45:00	14.372,35	13.854,81	25.404,53
14.01.2019	16:00:00	14.161,20	13.704,99	25.188,75
14.01.2019	16:15:00	14.071,35	13.620,36	24.672,08
14.01.2019	16:30:00	14.389,62	13.987,89	24.723,55
14.01.2019	16:45:00	14.588,28	14.237,00	24.986,10
14.01.2019	17:00:00	14.834,33	14.525,63	24.834,94
14.01.2019	17:15:00	15.594,86	15.296,86	25.397,36
14.01.2019	17:30:00	16.614,87	16.328,83	26.243,50
14.01.2019	17:45:00	17.378,69	17.088,33	26.781,86
14.01.2019	18:00:00	17.536,15	17.243,74	26.651,42
14.01.2019	18:15:00	17.256,99	16.950,82	25.921,36
14.01.2019	18:30:00	17.202,63	16.894,63	25.461,93
14.01.2019	18:45:00	17.164,95	16.854,91	25.367,72
14.01.2019	19:00:00	16.999,38	16.683,84	25.118,08
14.01.2019	19:15:00	17.182,52	16.874,06	25.223,92
14.01.2019	19:30:00	16.911,77	16.578,11	24.870,20
14.01.2019	19:45:00	16.709,41	16.365,97	24.531,75
14.01.2019	20:00:00	16.403,09	16.053,37	24.180,86
14.01.2019	20:15:00	16.043,43	15.680,48	23.766,37
14.01.2019	20:30:00	16.039,89	15.676,04	23.520,92
14.01.2019	20:45:00	16.042,15	15.675,56	23.379,90
14.01.2019	21:00:00	15.513,59	15.136,24	22.653,08
14.01.2019	21:15:00	15.541,54	15.162,68	22.663,05
14.01.2019	21:30:00	16.657,68	16.283,23	23.578,50
14.01.2019	21:45:00	16.274,78	15.896,88	23.085,04
14.01.2019	22:00:00	15.745,88	15.358,13	22.336,05
14.01.2019	22:15:00	15.593,69	15.204,91	22.053,93
14.01.2019	22:30:00	15.510,59	15.121,75	21.922,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.01.2019	22:45:00	15.834,25	15.445,14	21.731,33
14.01.2019	23:00:00	15.882,67	15.493,93	21.523,92
14.01.2019	23:15:00	15.263,55	14.868,29	20.733,68
14.01.2019	23:30:00	14.649,76	14.248,66	20.022,88
14.01.2019	23:45:00	14.132,23	13.729,66	19.457,90
15.01.2019	00:00:00	13.663,75	13.251,87	18.909,90
15.01.2019	00:15:00	13.344,77	12.934,12	18.580,26
15.01.2019	00:30:00	13.122,25	12.704,97	18.354,84
15.01.2019	00:45:00	12.835,07	12.414,55	18.085,94
15.01.2019	01:00:00	12.676,19	12.254,85	18.008,64
15.01.2019	01:15:00	12.415,01	11.991,94	17.628,91
15.01.2019	01:30:00	12.282,06	11.857,86	17.387,54
15.01.2019	01:45:00	12.205,78	11.780,47	17.197,17
15.01.2019	02:00:00	11.959,33	11.529,31	17.012,26
15.01.2019	02:15:00	11.662,61	11.230,50	16.657,12
15.01.2019	02:30:00	11.571,34	11.137,98	16.498,34
15.01.2019	02:45:00	11.433,77	10.998,07	16.438,78
15.01.2019	03:00:00	11.411,56	10.973,76	16.520,66
15.01.2019	03:15:00	11.139,64	10.703,86	16.222,70
15.01.2019	03:30:00	11.052,30	10.614,51	16.001,62
15.01.2019	03:45:00	11.062,57	10.628,93	15.972,27
15.01.2019	04:00:00	11.057,27	10.620,74	15.926,30
15.01.2019	04:15:00	11.238,26	10.801,35	16.264,46
15.01.2019	04:30:00	11.115,58	10.679,14	16.157,35
15.01.2019	04:45:00	10.940,64	10.497,17	16.106,70
15.01.2019	05:00:00	11.073,93	10.640,79	16.534,85
15.01.2019	05:15:00	11.154,33	10.736,19	17.096,20
15.01.2019	05:30:00	10.981,48	10.599,74	17.322,33
15.01.2019	05:45:00	11.550,17	11.178,31	18.256,25
15.01.2019	06:00:00	11.788,46	11.422,87	19.080,36
15.01.2019	06:15:00	11.998,10	11.646,95	20.804,92
15.01.2019	06:30:00	12.042,01	11.712,40	21.543,62
15.01.2019	06:45:00	11.975,49	11.638,98	22.109,60
15.01.2019	07:00:00	12.158,53	11.848,44	23.143,62
15.01.2019	07:15:00	12.937,85	12.640,04	24.564,14
15.01.2019	07:30:00	13.297,13	13.006,24	25.317,46
15.01.2019	07:45:00	13.196,58	12.904,79	25.464,70
15.01.2019	08:00:00	13.609,33	13.328,83	26.473,42
15.01.2019	08:15:00	13.555,13	13.277,70	26.436,28
15.01.2019	08:30:00	13.461,86	13.195,53	26.619,30
15.01.2019	08:45:00	13.473,15	13.178,20	26.681,44
15.01.2019	09:00:00	13.545,47	13.200,00	26.541,35
15.01.2019	09:15:00	14.163,35	13.728,49	26.610,26
15.01.2019	09:30:00	14.259,37	13.727,80	26.687,25
15.01.2019	09:45:00	14.236,65	13.565,05	27.087,28
15.01.2019	10:00:00	14.173,52	13.336,33	26.881,87
15.01.2019	10:15:00	14.287,24	13.468,79	27.058,15
15.01.2019	10:30:00	14.246,79	13.386,61	26.880,51
15.01.2019	10:45:00	14.168,81	13.024,87	26.657,15
15.01.2019	11:00:00	13.899,14	11.231,25	24.941,75
15.01.2019	11:15:00	14.288,29	10.806,09	24.149,55
15.01.2019	11:30:00	13.916,06	10.199,91	23.574,70
15.01.2019	11:45:00	14.321,45	10.747,84	23.776,66
15.01.2019	12:00:00	14.248,26	10.433,58	23.269,82
15.01.2019	12:15:00	14.342,27	9.987,10	22.142,30
15.01.2019	12:30:00	14.353,29	11.073,27	22.988,79
15.01.2019	12:45:00	14.701,74	11.413,65	23.404,48
15.01.2019	13:00:00	15.056,64	11.246,10	23.234,63
15.01.2019	13:15:00	14.498,39	12.468,89	24.721,38
15.01.2019	13:30:00	14.171,29	13.028,63	25.789,46
15.01.2019	13:45:00	14.132,25	13.125,08	25.706,10
15.01.2019	14:00:00	14.118,77	13.386,57	25.819,28
15.01.2019	14:15:00	14.124,25	13.495,48	25.954,92
15.01.2019	14:30:00	13.878,47	13.361,03	25.803,61
15.01.2019	14:45:00	13.810,29	13.416,64	25.778,62
15.01.2019	15:00:00	13.861,99	13.446,10	25.824,36
15.01.2019	15:15:00	13.796,00	13.489,59	25.480,38
15.01.2019	15:30:00	14.152,77	13.902,99	25.691,33
15.01.2019	15:45:00	14.340,71	14.049,10	25.646,13
15.01.2019	16:00:00	14.045,50	13.693,72	25.201,54
15.01.2019	16:15:00	14.018,22	13.722,54	24.690,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.01.2019	16:30:00	14.173,26	13.913,09	24.522,80
15.01.2019	16:45:00	14.544,31	14.304,09	24.758,31
15.01.2019	17:00:00	15.052,24	14.848,95	24.971,59
15.01.2019	17:15:00	15.612,35	15.409,70	25.349,85
15.01.2019	17:30:00	16.493,36	16.282,76	25.857,87
15.01.2019	17:45:00	16.817,32	16.601,32	26.133,17
15.01.2019	18:00:00	17.125,08	16.915,48	26.304,38
15.01.2019	18:15:00	17.185,47	16.912,06	26.124,62
15.01.2019	18:30:00	17.227,04	16.925,88	25.918,18
15.01.2019	18:45:00	16.963,38	16.658,36	25.421,38
15.01.2019	19:00:00	16.786,49	16.468,62	25.035,52
15.01.2019	19:15:00	16.847,86	16.537,47	24.953,56
15.01.2019	19:30:00	16.597,72	16.267,27	24.694,89
15.01.2019	19:45:00	16.475,77	16.132,38	24.417,54
15.01.2019	20:00:00	16.153,67	15.803,18	23.983,73
15.01.2019	20:15:00	15.869,94	15.500,07	23.513,67
15.01.2019	20:30:00	16.019,48	15.648,95	23.518,06
15.01.2019	20:45:00	15.797,84	15.426,17	23.028,69
15.01.2019	21:00:00	15.402,94	15.022,97	22.528,82
15.01.2019	21:15:00	15.409,53	15.022,26	22.459,02
15.01.2019	21:30:00	16.629,63	16.253,03	23.537,90
15.01.2019	21:45:00	16.037,71	15.651,77	22.800,94
15.01.2019	22:00:00	15.291,48	14.897,33	21.835,63
15.01.2019	22:15:00	15.264,52	14.867,19	21.533,50
15.01.2019	22:30:00	15.150,97	14.754,45	21.324,54
15.01.2019	22:45:00	15.427,32	15.030,80	21.274,26
15.01.2019	23:00:00	15.421,37	15.024,46	20.864,07
15.01.2019	23:15:00	14.754,75	14.351,12	20.036,76
15.01.2019	23:30:00	14.021,01	13.607,51	19.189,85
15.01.2019	23:45:00	13.425,33	13.009,31	18.555,13
16.01.2019	00:00:00	12.988,96	12.569,05	17.955,44
16.01.2019	00:15:00	12.647,75	12.223,11	17.729,56
16.01.2019	00:30:00	12.177,79	11.744,19	17.287,19
16.01.2019	00:45:00	11.749,48	11.312,20	16.806,88
16.01.2019	01:00:00	11.334,73	10.896,29	16.322,70
16.01.2019	01:15:00	11.065,86	10.624,01	16.079,44
16.01.2019	01:30:00	10.771,38	10.325,82	15.804,98
16.01.2019	01:45:00	10.669,91	10.226,02	15.527,53
16.01.2019	02:00:00	10.688,03	10.244,70	15.462,10
16.01.2019	02:15:00	10.651,43	10.208,69	15.492,31
16.01.2019	02:30:00	10.425,51	10.164,72	15.490,98
16.01.2019	02:45:00	10.313,74	10.072,37	15.328,58
16.01.2019	03:00:00	10.424,24	10.180,59	15.468,79
16.01.2019	03:15:00	10.213,09	9.968,30	15.169,88
16.01.2019	03:30:00	10.096,52	9.855,80	15.087,62
16.01.2019	03:45:00	10.134,70	9.728,41	14.917,94
16.01.2019	04:00:00	10.292,95	9.843,53	15.062,10
16.01.2019	04:15:00	10.381,82	9.934,24	15.230,54
16.01.2019	04:30:00	10.425,82	9.979,09	15.294,12
16.01.2019	04:45:00	10.328,76	9.879,35	15.279,00
16.01.2019	05:00:00	10.653,51	10.215,81	15.874,86
16.01.2019	05:15:00	10.679,20	10.267,79	16.467,14
16.01.2019	05:30:00	10.524,45	10.134,56	16.603,82
16.01.2019	05:45:00	10.991,02	10.617,18	17.384,36
16.01.2019	06:00:00	11.443,41	11.076,46	18.464,36
16.01.2019	06:15:00	11.725,58	11.375,72	20.279,05
16.01.2019	06:30:00	12.027,53	11.703,97	21.688,12
16.01.2019	06:45:00	12.058,76	11.727,65	22.314,06
16.01.2019	07:00:00	12.326,23	11.967,85	23.212,92
16.01.2019	07:15:00	12.794,95	12.407,09	24.163,69
16.01.2019	07:30:00	13.148,92	12.775,73	25.101,22
16.01.2019	07:45:00	13.238,84	12.868,78	25.677,55
16.01.2019	08:00:00	13.405,32	13.041,26	26.241,46
16.01.2019	08:15:00	13.211,96	12.783,61	26.258,68
16.01.2019	08:30:00	13.260,09	12.763,84	26.326,80
16.01.2019	08:45:00	13.176,36	12.568,27	26.001,84
16.01.2019	09:00:00	13.449,30	12.740,16	25.971,83
16.01.2019	09:15:00	13.961,50	12.979,18	25.580,39
16.01.2019	09:30:00	13.700,08	12.443,70	25.001,56
16.01.2019	09:45:00	13.758,04	12.330,35	25.386,34
16.01.2019	10:00:00	13.764,94	12.035,80	25.428,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.01.2019	10:15:00	13.776,27	11.488,85	24.566,94
16.01.2019	10:30:00	13.791,38	11.324,03	24.501,70
16.01.2019	10:45:00	13.509,54	10.613,71	24.017,71
16.01.2019	11:00:00	13.550,71	10.573,77	24.049,42
16.01.2019	11:15:00	13.630,89	10.579,94	23.698,89
16.01.2019	11:30:00	13.825,89	10.503,80	23.770,80
16.01.2019	11:45:00	13.991,29	10.399,49	23.647,69
16.01.2019	12:00:00	14.276,93	10.698,21	23.503,19
16.01.2019	12:15:00	14.479,74	10.661,19	23.002,32
16.01.2019	12:30:00	15.017,07	11.169,01	23.009,96
16.01.2019	12:45:00	14.811,87	10.763,80	22.566,80
16.01.2019	13:00:00	14.455,09	9.957,01	22.034,82
16.01.2019	13:15:00	14.358,36	9.868,23	22.096,36
16.01.2019	13:30:00	14.013,53	9.806,37	22.066,44
16.01.2019	13:45:00	13.617,45	10.168,42	22.398,24
16.01.2019	14:00:00	13.365,35	10.649,86	22.999,90
16.01.2019	14:15:00	13.258,81	10.380,05	22.911,34
16.01.2019	14:30:00	12.999,52	10.782,36	23.065,45
16.01.2019	14:45:00	12.938,09	11.428,21	23.644,00
16.01.2019	15:00:00	12.953,06	11.609,90	23.784,10
16.01.2019	15:15:00	12.852,32	11.724,17	23.838,39
16.01.2019	15:30:00	12.874,57	11.884,60	23.692,14
16.01.2019	15:45:00	12.794,87	11.922,41	23.624,72
16.01.2019	16:00:00	12.779,57	11.982,86	23.323,96
16.01.2019	16:15:00	13.063,52	12.364,61	23.430,81
16.01.2019	16:30:00	13.336,08	12.732,58	23.531,78
16.01.2019	16:45:00	13.781,55	13.270,71	23.827,62
16.01.2019	17:00:00	14.266,65	13.849,30	24.142,11
16.01.2019	17:15:00	15.102,73	14.699,94	24.851,10
16.01.2019	17:30:00	16.088,44	15.690,58	25.695,11
16.01.2019	17:45:00	16.529,21	16.130,63	25.914,00
16.01.2019	18:00:00	16.875,64	16.472,95	26.038,19
16.01.2019	18:15:00	16.838,68	16.431,94	25.728,17
16.01.2019	18:30:00	17.070,86	16.659,98	25.436,42
16.01.2019	18:45:00	16.833,68	16.410,44	25.022,55
16.01.2019	19:00:00	16.610,76	16.179,15	24.611,46
16.01.2019	19:15:00	16.865,38	16.437,33	24.728,16
16.01.2019	19:30:00	16.766,85	16.328,03	24.457,31
16.01.2019	19:45:00	16.505,19	16.056,52	24.171,52
16.01.2019	20:00:00	16.247,19	15.789,59	23.894,38
16.01.2019	20:15:00	15.899,80	15.412,30	23.186,05
16.01.2019	20:30:00	15.937,66	15.449,70	22.980,36
16.01.2019	20:45:00	15.779,53	15.289,41	22.867,05
16.01.2019	21:00:00	15.437,18	14.941,06	22.460,04
16.01.2019	21:15:00	15.466,07	14.968,53	22.229,78
16.01.2019	21:30:00	16.504,43	16.013,29	23.215,93
16.01.2019	21:45:00	15.895,38	15.399,57	22.524,26
16.01.2019	22:00:00	15.311,35	14.811,03	21.716,60
16.01.2019	22:15:00	15.135,00	14.630,81	21.118,32
16.01.2019	22:30:00	15.054,73	14.548,23	20.968,74
16.01.2019	22:45:00	15.409,12	14.909,20	21.107,07
16.01.2019	23:00:00	15.486,92	14.979,74	20.916,87
16.01.2019	23:15:00	14.918,23	14.405,13	20.179,71
16.01.2019	23:30:00	14.367,68	13.846,20	19.616,91
16.01.2019	23:45:00	13.993,78	13.467,83	19.109,44
17.01.2019	00:00:00	13.526,66	12.997,27	18.546,29
17.01.2019	00:15:00	13.170,32	12.638,68	18.130,18
17.01.2019	00:30:00	12.881,00	12.348,16	17.835,31
17.01.2019	00:45:00	12.507,94	11.974,42	17.373,10
17.01.2019	01:00:00	12.297,23	11.762,58	17.126,97
17.01.2019	01:15:00	12.145,95	11.608,94	17.036,34
17.01.2019	01:30:00	11.800,43	11.262,30	16.627,71
17.01.2019	01:45:00	11.636,05	11.092,21	16.487,77
17.01.2019	02:00:00	11.574,18	11.029,58	16.214,65
17.01.2019	02:15:00	11.420,04	10.872,17	16.227,55
17.01.2019	02:30:00	11.224,03	10.672,54	15.948,06
17.01.2019	02:45:00	10.936,60	10.381,78	15.608,83
17.01.2019	03:00:00	10.851,81	10.296,55	15.523,11
17.01.2019	03:15:00	10.522,12	9.967,02	15.235,74
17.01.2019	03:30:00	10.258,20	9.698,16	14.929,48
17.01.2019	03:45:00	10.205,20	9.648,06	14.820,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.01.2019	04:00:00	10.163,32	9.608,93	14.795,10
17.01.2019	04:15:00	10.202,69	9.645,19	14.911,48
17.01.2019	04:30:00	10.158,69	9.603,89	14.942,68
17.01.2019	04:45:00	10.219,39	9.665,89	15.251,46
17.01.2019	05:00:00	10.505,87	9.964,35	15.754,53
17.01.2019	05:15:00	10.557,55	10.041,36	16.225,28
17.01.2019	05:30:00	10.308,36	9.798,39	16.283,81
17.01.2019	05:45:00	10.722,04	10.250,99	17.112,70
17.01.2019	06:00:00	10.776,28	10.353,68	17.848,03
17.01.2019	06:15:00	11.021,16	10.607,41	19.569,65
17.01.2019	06:30:00	11.142,81	10.762,34	20.438,82
17.01.2019	06:45:00	11.340,95	10.968,30	21.359,54
17.01.2019	07:00:00	11.852,01	11.500,55	22.442,67
17.01.2019	07:15:00	12.391,74	12.042,65	23.587,36
17.01.2019	07:30:00	12.792,40	12.451,61	24.655,48
17.01.2019	07:45:00	12.816,37	12.475,06	25.114,17
17.01.2019	08:00:00	13.258,41	12.926,28	25.944,64
17.01.2019	08:15:00	12.999,14	12.665,61	25.896,42
17.01.2019	08:30:00	13.108,19	12.779,88	26.179,04
17.01.2019	08:45:00	13.160,62	12.830,48	26.145,14
17.01.2019	09:00:00	13.376,65	13.009,86	26.460,06
17.01.2019	09:15:00	13.956,08	13.608,77	26.489,01
17.01.2019	09:30:00	13.933,19	13.500,17	26.324,91
17.01.2019	09:45:00	14.127,53	13.681,32	27.151,71
17.01.2019	10:00:00	14.072,66	13.593,58	27.131,25
17.01.2019	10:15:00	14.269,25	13.788,58	27.262,38
17.01.2019	10:30:00	14.292,02	13.827,30	27.389,06
17.01.2019	10:45:00	14.334,96	13.842,13	27.563,90
17.01.2019	11:00:00	14.289,32	13.738,70	27.700,45
17.01.2019	11:15:00	14.339,55	13.730,39	27.569,20
17.01.2019	11:30:00	14.517,93	13.820,09	27.737,32
17.01.2019	11:45:00	14.663,95	13.968,88	27.804,54
17.01.2019	12:00:00	14.825,54	13.996,10	27.702,06
17.01.2019	12:15:00	15.249,98	14.249,90	27.149,13
17.01.2019	12:30:00	15.715,60	14.652,57	27.236,22
17.01.2019	12:45:00	15.167,49	14.202,57	26.826,22
17.01.2019	13:00:00	14.863,52	13.886,91	26.717,20
17.01.2019	13:15:00	14.648,19	13.695,39	26.514,78
17.01.2019	13:30:00	14.374,79	13.217,30	26.180,37
17.01.2019	13:45:00	14.126,98	13.192,01	26.290,97
17.01.2019	14:00:00	14.023,91	13.506,16	26.663,44
17.01.2019	14:15:00	13.968,79	13.261,83	26.526,36
17.01.2019	14:30:00	13.965,16	13.106,68	26.137,97
17.01.2019	14:45:00	13.948,16	13.206,01	25.897,07
17.01.2019	15:00:00	13.972,13	13.383,51	25.799,25
17.01.2019	15:15:00	14.206,56	13.210,98	25.307,27
17.01.2019	15:30:00	13.807,85	12.728,58	24.532,37
17.01.2019	15:45:00	13.585,29	12.432,54	23.991,46
17.01.2019	16:00:00	13.463,98	12.706,30	23.877,51
17.01.2019	16:15:00	13.550,41	13.008,17	23.920,45
17.01.2019	16:30:00	13.830,90	13.424,56	24.115,60
17.01.2019	16:45:00	14.180,38	13.796,26	24.406,60
17.01.2019	17:00:00	14.539,11	14.121,73	24.493,22
17.01.2019	17:15:00	15.315,69	14.937,15	24.823,11
17.01.2019	17:30:00	16.137,20	15.751,26	25.520,80
17.01.2019	17:45:00	16.702,17	16.321,07	26.043,94
17.01.2019	18:00:00	17.172,24	16.799,76	26.390,94
17.01.2019	18:15:00	17.057,42	16.666,45	25.953,14
17.01.2019	18:30:00	17.026,31	16.633,05	25.639,58
17.01.2019	18:45:00	16.888,34	16.486,41	25.347,43
17.01.2019	19:00:00	16.793,18	16.383,45	25.148,78
17.01.2019	19:15:00	16.806,53	16.392,36	25.024,25
17.01.2019	19:30:00	16.712,64	16.283,28	24.723,70
17.01.2019	19:45:00	16.446,67	16.005,28	24.352,32
17.01.2019	20:00:00	16.182,15	15.744,36	24.013,81
17.01.2019	20:15:00	15.983,04	15.528,59	23.638,06
17.01.2019	20:30:00	15.963,24	15.509,63	23.413,81
17.01.2019	20:45:00	15.824,80	15.366,30	23.175,09
17.01.2019	21:00:00	15.377,94	14.904,41	22.598,93
17.01.2019	21:15:00	15.400,63	14.931,92	22.625,20
17.01.2019	21:30:00	16.446,08	15.972,58	23.362,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.01.2019	21:45:00	15.966,40	15.475,50	22.709,21
17.01.2019	22:00:00	15.541,36	15.045,07	22.171,13
17.01.2019	22:15:00	15.333,03	14.836,11	21.524,66
17.01.2019	22:30:00	14.921,22	14.417,05	20.980,82
17.01.2019	22:45:00	15.460,56	14.960,19	21.135,96
17.01.2019	23:00:00	15.544,93	15.044,62	21.214,62
17.01.2019	23:15:00	14.865,95	14.361,15	20.462,90
17.01.2019	23:30:00	14.301,34	13.790,50	19.703,99
17.01.2019	23:45:00	13.946,29	13.431,63	19.188,36
18.01.2019	00:00:00	13.254,71	12.734,25	18.390,78
18.01.2019	00:15:00	12.739,41	12.209,62	17.802,02
18.01.2019	00:30:00	12.414,64	11.881,45	17.398,48
18.01.2019	00:45:00	12.006,72	11.468,70	17.149,73
18.01.2019	01:00:00	11.797,73	11.257,19	16.896,84
18.01.2019	01:15:00	11.622,88	11.081,97	16.661,32
18.01.2019	01:30:00	11.445,61	10.901,46	16.450,41
18.01.2019	01:45:00	11.279,69	10.736,57	16.149,69
18.01.2019	02:00:00	11.136,02	10.593,30	16.070,46
18.01.2019	02:15:00	11.143,26	10.599,88	16.079,63
18.01.2019	02:30:00	11.076,04	10.530,64	15.968,16
18.01.2019	02:45:00	10.867,89	10.319,97	15.713,06
18.01.2019	03:00:00	10.978,66	10.430,06	15.944,27
18.01.2019	03:15:00	10.914,45	10.363,70	15.792,35
18.01.2019	03:30:00	10.836,90	10.288,21	15.612,34
18.01.2019	03:45:00	10.949,93	10.402,43	15.719,13
18.01.2019	04:00:00	10.971,30	10.424,08	15.735,05
18.01.2019	04:15:00	10.889,07	10.340,98	15.640,21
18.01.2019	04:30:00	11.039,85	10.493,15	15.895,75
18.01.2019	04:45:00	10.852,26	10.302,14	15.799,80
18.01.2019	05:00:00	11.004,62	10.462,99	16.275,32
18.01.2019	05:15:00	11.104,70	10.585,55	16.838,63
18.01.2019	05:30:00	11.109,40	10.602,62	17.167,38
18.01.2019	05:45:00	11.333,21	10.840,38	17.840,86
18.01.2019	06:00:00	11.655,41	11.172,00	18.727,24
18.01.2019	06:15:00	11.918,71	11.455,61	20.515,26
18.01.2019	06:30:00	11.747,33	11.304,18	21.067,52
18.01.2019	06:45:00	11.834,64	11.389,44	21.843,06
18.01.2019	07:00:00	12.068,63	11.622,31	22.741,44
18.01.2019	07:15:00	12.975,06	12.509,18	24.386,78
18.01.2019	07:30:00	13.222,84	12.769,28	25.299,54
18.01.2019	07:45:00	13.209,89	12.760,72	25.677,68
18.01.2019	08:00:00	13.519,67	13.069,76	26.298,15
18.01.2019	08:15:00	13.347,80	12.900,44	26.306,64
18.01.2019	08:30:00	13.529,19	13.024,25	26.457,18
18.01.2019	08:45:00	13.419,04	12.704,20	26.162,48
18.01.2019	09:00:00	13.389,93	12.430,11	25.763,81
18.01.2019	09:15:00	13.994,92	13.366,59	25.896,91
18.01.2019	09:30:00	14.265,38	13.727,66	26.447,81
18.01.2019	09:45:00	14.454,03	13.876,33	26.831,64
18.01.2019	10:00:00	14.370,16	13.688,70	27.055,51
18.01.2019	10:15:00	14.728,15	12.873,82	25.969,04
18.01.2019	10:30:00	14.863,29	13.651,38	26.892,84
18.01.2019	10:45:00	14.557,30	13.509,97	26.729,91
18.01.2019	11:00:00	14.664,84	13.645,71	26.970,59
18.01.2019	11:15:00	14.676,22	13.648,61	27.145,50
18.01.2019	11:30:00	14.850,37	13.844,93	27.337,84
18.01.2019	11:45:00	15.172,62	14.108,86	27.568,87
18.01.2019	12:00:00	15.316,70	14.190,05	27.263,35
18.01.2019	12:15:00	15.595,35	14.489,05	26.858,95
18.01.2019	12:30:00	16.208,96	14.980,28	26.935,28
18.01.2019	12:45:00	15.832,06	14.545,37	26.409,81
18.01.2019	13:00:00	15.547,79	14.255,00	26.092,72
18.01.2019	13:15:00	15.240,24	13.961,14	25.707,45
18.01.2019	13:30:00	15.564,95	13.289,40	25.084,37
18.01.2019	13:45:00	14.718,91	13.260,19	25.207,71
18.01.2019	14:00:00	14.877,57	13.539,38	25.364,28
18.01.2019	14:15:00	14.591,59	13.208,08	24.775,94
18.01.2019	14:30:00	14.044,10	12.786,64	24.246,84
18.01.2019	14:45:00	13.932,34	12.564,76	23.723,26
18.01.2019	15:00:00	13.879,44	12.582,11	23.621,55
18.01.2019	15:15:00	13.906,43	12.552,15	23.273,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.01.2019	15:30:00	13.729,41	12.330,07	22.773,94
18.01.2019	15:45:00	13.773,05	12.643,94	22.832,85
18.01.2019	16:00:00	13.871,12	12.847,26	22.877,92
18.01.2019	16:15:00	13.900,82	12.988,63	22.737,58
18.01.2019	16:30:00	14.014,02	13.300,93	22.802,01
18.01.2019	16:45:00	14.528,20	13.954,06	23.331,14
18.01.2019	17:00:00	14.833,56	14.321,74	23.589,24
18.01.2019	17:15:00	15.513,14	15.023,84	24.096,61
18.01.2019	17:30:00	16.493,69	16.015,68	24.991,14
18.01.2019	17:45:00	17.170,74	16.694,49	25.636,67
18.01.2019	18:00:00	17.545,66	17.074,91	25.847,44
18.01.2019	18:15:00	17.648,62	17.173,09	25.635,22
18.01.2019	18:30:00	17.336,77	16.860,38	25.067,48
18.01.2019	18:45:00	17.055,48	16.576,38	24.482,18
18.01.2019	19:00:00	16.967,49	16.477,91	24.287,60
18.01.2019	19:15:00	17.115,33	16.621,82	24.457,78
18.01.2019	19:30:00	16.840,71	16.340,81	24.027,29
18.01.2019	19:45:00	16.739,42	16.231,30	23.795,82
18.01.2019	20:00:00	16.579,61	16.064,70	23.376,63
18.01.2019	20:15:00	16.130,34	15.603,30	22.678,63
18.01.2019	20:30:00	15.842,26	15.314,04	22.197,08
18.01.2019	20:45:00	15.798,94	15.267,78	21.995,22
18.01.2019	21:00:00	15.497,71	14.961,23	21.490,15
18.01.2019	21:15:00	15.491,19	14.955,82	21.435,94
18.01.2019	21:30:00	16.755,93	16.219,63	22.759,06
18.01.2019	21:45:00	16.564,43	16.021,94	22.447,89
18.01.2019	22:00:00	16.062,34	15.514,18	21.742,60
18.01.2019	22:15:00	16.069,48	15.522,36	21.512,35
18.01.2019	22:30:00	16.415,66	15.868,74	21.708,16
18.01.2019	22:45:00	16.999,47	16.452,92	22.214,54
18.01.2019	23:00:00	17.279,03	16.732,87	22.331,53
18.01.2019	23:15:00	16.810,42	16.260,63	21.589,28
18.01.2019	23:30:00	16.442,57	15.892,03	21.144,52
18.01.2019	23:45:00	16.053,89	15.494,99	20.674,26
19.01.2019	00:00:00	15.488,62	14.921,01	20.093,30
19.01.2019	00:15:00	15.100,12	14.529,24	19.665,40
19.01.2019	00:30:00	14.806,39	14.235,15	19.404,54
19.01.2019	00:45:00	14.461,87	13.887,36	18.921,56
19.01.2019	01:00:00	14.303,39	13.727,91	18.771,96
19.01.2019	01:15:00	14.101,77	13.522,74	18.565,08
19.01.2019	01:30:00	13.804,05	13.222,86	18.308,20
19.01.2019	01:45:00	13.521,00	12.938,53	17.892,13
19.01.2019	02:00:00	13.290,51	12.708,89	17.602,06
19.01.2019	02:15:00	13.093,28	12.506,40	17.405,44
19.01.2019	02:30:00	13.134,47	12.547,12	17.326,49
19.01.2019	02:45:00	13.063,50	12.473,92	17.230,20
19.01.2019	03:00:00	12.936,01	12.343,38	16.955,42
19.01.2019	03:15:00	12.728,33	12.133,93	16.677,92
19.01.2019	03:30:00	12.432,79	11.835,22	16.272,12
19.01.2019	03:45:00	12.326,05	11.727,77	16.092,16
19.01.2019	04:00:00	12.158,92	11.557,68	15.951,64
19.01.2019	04:15:00	12.187,15	11.584,57	16.053,06
19.01.2019	04:30:00	12.131,46	11.529,39	15.931,99
19.01.2019	04:45:00	11.801,24	11.197,78	15.534,06
19.01.2019	05:00:00	11.790,12	11.191,02	15.726,80
19.01.2019	05:15:00	11.703,15	11.118,08	15.919,99
19.01.2019	05:30:00	10.919,18	10.338,49	15.144,86
19.01.2019	05:45:00	11.002,45	10.425,55	15.408,18
19.01.2019	06:00:00	11.062,56	10.508,22	15.670,39
19.01.2019	06:15:00	10.974,64	10.428,62	15.977,89
19.01.2019	06:30:00	10.853,50	10.321,61	16.000,89
19.01.2019	06:45:00	10.546,82	10.000,71	15.833,11
19.01.2019	07:00:00	10.748,41	10.208,99	16.185,66
19.01.2019	07:15:00	11.142,41	10.593,69	16.562,46
19.01.2019	07:30:00	11.500,97	10.951,42	17.072,11
19.01.2019	07:45:00	11.984,91	11.433,82	17.703,22
19.01.2019	08:00:00	12.160,39	11.634,60	17.997,27
19.01.2019	08:15:00	12.299,49	11.768,74	18.051,52
19.01.2019	08:30:00	12.237,37	11.622,71	18.037,17
19.01.2019	08:45:00	12.587,20	11.842,99	18.236,33
19.01.2019	09:00:00	12.867,46	12.076,52	18.492,39

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.01.2019	09:15:00	13.251,40	12.412,15	18.647,34
19.01.2019	09:30:00	13.146,11	12.366,33	18.525,50
19.01.2019	09:45:00	13.627,18	12.771,28	19.046,79
19.01.2019	10:00:00	14.304,43	13.397,81	19.591,73
19.01.2019	10:15:00	14.482,29	13.462,28	19.632,53
19.01.2019	10:30:00	14.622,08	13.510,43	19.667,28
19.01.2019	10:45:00	14.860,46	13.823,76	19.992,30
19.01.2019	11:00:00	14.976,06	13.859,60	19.916,52
19.01.2019	11:15:00	15.263,34	14.067,87	20.080,10
19.01.2019	11:30:00	15.388,69	14.392,79	20.459,16
19.01.2019	11:45:00	15.753,23	14.670,97	20.739,72
19.01.2019	12:00:00	15.904,81	14.869,24	20.876,81
19.01.2019	12:15:00	16.224,73	15.321,68	21.178,15
19.01.2019	12:30:00	16.975,72	16.135,62	21.856,25
19.01.2019	12:45:00	16.995,68	16.069,45	21.691,10
19.01.2019	13:00:00	16.645,54	15.757,96	21.268,11
19.01.2019	13:15:00	16.534,15	15.602,14	21.003,64
19.01.2019	13:30:00	17.243,60	16.326,41	21.787,39
19.01.2019	13:45:00	16.900,39	15.972,57	21.312,09
19.01.2019	14:00:00	16.517,43	15.547,77	20.884,24
19.01.2019	14:15:00	16.052,79	15.112,18	20.352,66
19.01.2019	14:30:00	15.713,55	14.716,89	19.948,55
19.01.2019	14:45:00	15.385,74	14.404,77	19.580,95
19.01.2019	15:00:00	15.308,50	14.244,15	19.313,42
19.01.2019	15:15:00	15.157,39	14.067,21	19.075,21
19.01.2019	15:30:00	15.005,98	14.023,36	19.030,42
19.01.2019	15:45:00	14.821,42	13.907,55	18.950,61
19.01.2019	16:00:00	14.799,05	13.958,56	18.879,62
19.01.2019	16:15:00	14.625,25	13.877,82	18.863,43
19.01.2019	16:30:00	14.718,50	14.019,85	19.049,81
19.01.2019	16:45:00	15.060,42	14.403,90	19.276,28
19.01.2019	17:00:00	15.368,19	14.801,21	19.842,19
19.01.2019	17:15:00	15.695,36	15.142,55	20.310,50
19.01.2019	17:30:00	16.447,09	15.899,76	20.999,30
19.01.2019	17:45:00	16.852,99	16.312,65	21.366,04
19.01.2019	18:00:00	17.143,45	16.608,41	21.642,84
19.01.2019	18:15:00	17.136,74	16.595,15	21.560,28
19.01.2019	18:30:00	16.934,33	16.393,38	21.314,92
19.01.2019	18:45:00	16.792,75	16.249,62	21.200,46
19.01.2019	19:00:00	16.533,50	15.993,24	20.964,93
19.01.2019	19:15:00	16.668,17	16.123,92	21.025,05
19.01.2019	19:30:00	16.813,37	16.270,55	21.155,97
19.01.2019	19:45:00	16.529,22	15.980,63	20.784,75
19.01.2019	20:00:00	16.227,83	15.677,56	20.484,08
19.01.2019	20:15:00	15.902,71	15.351,50	20.077,77
19.01.2019	20:30:00	15.737,45	15.180,46	19.718,00
19.01.2019	20:45:00	15.643,62	15.085,12	19.564,10
19.01.2019	21:00:00	15.244,34	14.681,70	19.205,78
19.01.2019	21:15:00	15.482,17	14.924,87	19.326,64
19.01.2019	21:30:00	16.905,78	16.363,83	20.769,56
19.01.2019	21:45:00	16.597,75	16.047,46	20.477,73
19.01.2019	22:00:00	16.346,39	15.790,77	20.215,46
19.01.2019	22:15:00	16.600,63	16.047,19	20.413,48
19.01.2019	22:30:00	17.043,88	16.494,08	20.920,82
19.01.2019	22:45:00	17.604,32	17.060,21	21.430,48
19.01.2019	23:00:00	17.889,29	17.345,50	21.669,06
19.01.2019	23:15:00	17.535,91	16.986,39	21.120,97
19.01.2019	23:30:00	17.157,99	16.602,56	20.712,08
19.01.2019	23:45:00	16.692,84	16.131,54	20.248,74
20.01.2019	00:00:00	16.285,03	15.721,68	19.773,50
20.01.2019	00:15:00	15.721,20	15.152,36	19.075,54
20.01.2019	00:30:00	15.340,79	14.768,58	18.775,77
20.01.2019	00:45:00	15.010,26	14.432,94	18.374,03
20.01.2019	01:00:00	14.866,05	14.289,84	18.161,58
20.01.2019	01:15:00	14.562,45	13.986,11	17.909,77
20.01.2019	01:30:00	14.304,55	13.721,55	17.591,85
20.01.2019	01:45:00	14.049,09	13.462,45	17.279,91
20.01.2019	02:00:00	13.868,42	13.282,51	17.120,15
20.01.2019	02:15:00	13.629,65	13.039,90	16.863,56
20.01.2019	02:30:00	13.487,15	12.899,52	16.770,12
20.01.2019	02:45:00	13.420,32	12.826,70	16.634,02

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.01.2019	03:00:00	13.237,85	12.643,37	16.488,00
20.01.2019	03:15:00	13.034,95	12.438,72	16.290,47
20.01.2019	03:30:00	12.801,90	12.200,49	16.057,56
20.01.2019	03:45:00	12.694,61	12.091,45	15.920,94
20.01.2019	04:00:00	12.709,53	12.104,99	15.867,26
20.01.2019	04:15:00	12.759,91	12.155,61	15.965,60
20.01.2019	04:30:00	12.458,99	11.855,01	15.658,95
20.01.2019	04:45:00	11.951,20	11.345,90	15.163,54
20.01.2019	05:00:00	11.850,05	11.240,62	15.009,08
20.01.2019	05:15:00	11.743,93	11.133,42	14.928,17
20.01.2019	05:30:00	10.886,53	10.273,80	14.079,40
20.01.2019	05:45:00	10.943,23	10.333,22	14.073,29
20.01.2019	06:00:00	11.013,25	10.421,33	14.209,89
20.01.2019	06:15:00	10.698,57	10.106,68	13.839,32
20.01.2019	06:30:00	10.355,44	9.752,92	13.569,38
20.01.2019	06:45:00	9.879,26	9.277,84	13.090,85
20.01.2019	07:00:00	9.651,99	9.046,68	12.808,90
20.01.2019	07:15:00	9.957,05	9.356,27	13.184,17
20.01.2019	07:30:00	10.344,45	9.748,39	13.761,97
20.01.2019	07:45:00	10.678,10	10.088,63	13.994,52
20.01.2019	08:00:00	10.816,37	10.225,76	14.151,44
20.01.2019	08:15:00	10.905,60	10.313,57	14.288,90
20.01.2019	08:30:00	11.220,72	10.576,73	14.517,99
20.01.2019	08:45:00	11.662,59	10.912,73	14.761,88
20.01.2019	09:00:00	12.039,78	11.195,60	15.009,10
20.01.2019	09:15:00	12.415,76	11.533,28	15.423,50
20.01.2019	09:30:00	12.746,17	11.853,30	15.693,09
20.01.2019	09:45:00	13.048,59	12.075,74	15.848,98
20.01.2019	10:00:00	13.260,90	12.202,33	16.063,06
20.01.2019	10:15:00	13.668,33	12.368,45	16.250,48
20.01.2019	10:30:00	14.047,33	12.500,85	16.331,40
20.01.2019	10:45:00	14.334,40	12.786,56	16.590,84
20.01.2019	11:00:00	14.620,58	12.699,30	16.515,10
20.01.2019	11:15:00	14.368,71	12.213,87	15.999,86
20.01.2019	11:30:00	14.819,67	12.612,33	16.357,93
20.01.2019	11:45:00	15.506,57	12.388,57	16.150,57
20.01.2019	12:00:00	15.204,29	12.563,22	16.334,92
20.01.2019	12:15:00	15.576,61	13.230,05	17.044,79
20.01.2019	12:30:00	16.196,78	14.393,24	18.246,98
20.01.2019	12:45:00	16.257,02	14.468,38	18.378,26
20.01.2019	13:00:00	16.065,90	14.143,64	18.001,69
20.01.2019	13:15:00	15.969,91	13.960,20	17.770,45
20.01.2019	13:30:00	16.342,61	14.252,06	18.045,84
20.01.2019	13:45:00	15.870,05	13.708,86	17.563,83
20.01.2019	14:00:00	15.540,34	13.791,48	17.586,81
20.01.2019	14:15:00	15.165,83	13.616,80	17.399,48
20.01.2019	14:30:00	14.781,19	13.316,77	17.127,99
20.01.2019	14:45:00	14.616,46	13.113,07	16.934,65
20.01.2019	15:00:00	14.203,60	12.857,02	16.680,79
20.01.2019	15:15:00	14.064,21	12.903,11	16.717,45
20.01.2019	15:30:00	13.859,16	12.935,76	16.806,98
20.01.2019	15:45:00	13.770,72	12.913,54	16.777,86
20.01.2019	16:00:00	13.683,09	12.897,64	16.865,88
20.01.2019	16:15:00	13.737,04	13.002,89	16.925,69
20.01.2019	16:30:00	14.026,27	13.393,88	17.332,33
20.01.2019	16:45:00	14.560,21	13.977,56	17.943,56
20.01.2019	17:00:00	14.891,34	14.333,35	18.347,34
20.01.2019	17:15:00	15.530,87	14.976,46	19.011,48
20.01.2019	17:30:00	16.140,94	15.597,67	19.678,69
20.01.2019	17:45:00	16.446,43	15.903,50	19.981,34
20.01.2019	18:00:00	16.734,34	16.191,03	20.258,12
20.01.2019	18:15:00	16.960,80	16.419,85	20.516,89
20.01.2019	18:30:00	16.690,16	16.144,44	20.110,12
20.01.2019	18:45:00	16.529,04	15.985,12	19.956,11
20.01.2019	19:00:00	16.415,21	15.868,98	19.857,35
20.01.2019	19:15:00	16.544,90	16.003,45	20.028,83
20.01.2019	19:30:00	16.486,45	15.940,18	19.899,40
20.01.2019	19:45:00	16.271,30	15.718,11	19.693,20
20.01.2019	20:00:00	16.027,49	15.471,98	19.423,18
20.01.2019	20:15:00	15.985,37	15.429,43	19.400,26
20.01.2019	20:30:00	16.002,66	15.438,46	19.437,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.01.2019	20:45:00	15.872,57	15.307,57	19.262,59
20.01.2019	21:00:00	15.517,31	14.948,66	18.940,16
20.01.2019	21:15:00	15.623,52	15.058,32	19.058,47
20.01.2019	21:30:00	16.598,09	16.040,85	19.981,04
20.01.2019	21:45:00	16.284,37	15.726,28	19.703,78
20.01.2019	22:00:00	15.820,29	15.255,53	19.293,93
20.01.2019	22:15:00	15.779,05	15.211,61	19.485,22
20.01.2019	22:30:00	15.584,44	15.014,87	19.222,45
20.01.2019	22:45:00	15.885,32	15.318,50	19.484,41
20.01.2019	23:00:00	15.826,41	15.258,77	19.411,96
20.01.2019	23:15:00	15.259,43	14.684,32	18.847,98
20.01.2019	23:30:00	14.582,29	14.001,32	18.210,74
20.01.2019	23:45:00	14.098,33	13.513,23	17.721,13
21.01.2019	00:00:00	13.475,59	12.883,72	17.022,58
21.01.2019	00:15:00	12.970,34	12.374,39	16.480,98
21.01.2019	00:30:00	12.664,95	12.066,12	16.246,12
21.01.2019	00:45:00	12.404,51	11.801,30	15.966,11
21.01.2019	01:00:00	12.248,49	11.644,92	15.951,08
21.01.2019	01:15:00	12.084,74	11.478,10	15.822,08
21.01.2019	01:30:00	11.891,64	11.284,15	15.663,24
21.01.2019	01:45:00	11.821,98	11.210,93	15.394,58
21.01.2019	02:00:00	11.767,15	11.151,08	15.319,79
21.01.2019	02:15:00	11.598,09	10.984,47	15.114,27
21.01.2019	02:30:00	11.495,09	10.879,51	15.042,10
21.01.2019	02:45:00	11.297,57	10.678,10	14.956,64
21.01.2019	03:00:00	11.228,31	10.606,21	14.873,24
21.01.2019	03:15:00	11.185,93	10.561,43	14.988,34
21.01.2019	03:30:00	11.102,13	10.479,61	14.866,85
21.01.2019	03:45:00	11.067,48	10.448,00	14.811,15
21.01.2019	04:00:00	11.278,73	10.657,83	14.913,01
21.01.2019	04:15:00	11.470,84	10.851,82	15.133,52
21.01.2019	04:30:00	11.495,99	10.875,31	15.247,03
21.01.2019	04:45:00	11.442,26	10.821,11	15.290,93
21.01.2019	05:00:00	11.673,47	11.063,07	15.745,55
21.01.2019	05:15:00	11.792,82	11.206,84	17.115,20
21.01.2019	05:30:00	11.201,59	10.621,19	16.894,83
21.01.2019	05:45:00	11.718,68	11.157,20	17.754,64
21.01.2019	06:00:00	12.031,03	11.478,55	18.858,22
21.01.2019	06:15:00	12.324,40	11.794,44	20.301,91
21.01.2019	06:30:00	12.582,23	12.080,88	21.565,14
21.01.2019	06:45:00	12.614,91	12.112,91	22.301,23
21.01.2019	07:00:00	13.063,53	12.575,47	23.430,71
21.01.2019	07:15:00	13.573,28	13.099,73	24.520,55
21.01.2019	07:30:00	13.624,73	13.164,09	25.196,10
21.01.2019	07:45:00	13.773,86	13.316,01	25.662,44
21.01.2019	08:00:00	13.714,09	13.247,98	26.121,40
21.01.2019	08:15:00	13.761,66	13.302,47	26.279,66
21.01.2019	08:30:00	14.173,42	13.682,75	26.920,16
21.01.2019	08:45:00	14.069,14	13.509,90	27.009,68
21.01.2019	09:00:00	14.278,31	13.639,15	27.244,65
21.01.2019	09:15:00	15.022,91	14.307,65	27.167,91
21.01.2019	09:30:00	14.942,09	14.121,81	27.246,30
21.01.2019	09:45:00	14.864,91	13.940,20	27.465,14
21.01.2019	10:00:00	15.135,16	13.977,50	27.604,44
21.01.2019	10:15:00	14.882,37	13.255,63	26.761,93
21.01.2019	10:30:00	14.830,09	12.738,33	26.348,58
21.01.2019	10:45:00	14.564,31	12.299,61	25.804,04
21.01.2019	11:00:00	14.463,19	11.911,33	25.472,76
21.01.2019	11:15:00	14.664,60	11.989,74	25.430,40
21.01.2019	11:30:00	14.835,68	11.948,93	25.272,18
21.01.2019	11:45:00	15.198,89	12.077,99	25.274,65
21.01.2019	12:00:00	15.593,48	12.282,24	24.977,12
21.01.2019	12:15:00	16.347,12	12.878,09	25.412,15
21.01.2019	12:30:00	16.368,27	13.355,42	25.479,94
21.01.2019	12:45:00	16.281,44	12.877,16	24.878,09
21.01.2019	13:00:00	16.150,08	12.708,84	24.864,00
21.01.2019	13:15:00	15.541,27	13.200,50	25.740,40
21.01.2019	13:30:00	15.380,62	13.677,01	26.586,10
21.01.2019	13:45:00	15.306,67	13.638,88	26.415,87
21.01.2019	14:00:00	15.232,04	13.523,96	26.475,86
21.01.2019	14:15:00	14.863,77	13.575,10	26.635,43

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.01.2019	14:30:00	14.738,70	13.571,92	26.342,20
21.01.2019	14:45:00	14.621,68	13.510,62	26.207,99
21.01.2019	15:00:00	14.434,39	13.394,46	26.034,56
21.01.2019	15:15:00	14.414,77	13.407,48	26.029,64
21.01.2019	15:30:00	14.486,59	13.579,47	25.886,92
21.01.2019	15:45:00	14.524,76	13.651,87	25.679,84
21.01.2019	16:00:00	14.544,00	13.771,14	25.471,14
21.01.2019	16:15:00	14.751,55	14.033,87	25.381,80
21.01.2019	16:30:00	14.714,60	14.066,17	25.128,52
21.01.2019	16:45:00	15.023,34	14.428,75	25.269,52
21.01.2019	17:00:00	15.553,80	15.043,61	25.543,51
21.01.2019	17:15:00	15.992,91	15.531,17	25.589,60
21.01.2019	17:30:00	16.592,84	16.123,86	26.047,50
21.01.2019	17:45:00	17.585,42	17.125,17	26.851,62
21.01.2019	18:00:00	17.965,50	17.499,59	27.047,91
21.01.2019	18:15:00	17.996,33	17.522,86	26.933,60
21.01.2019	18:30:00	17.794,64	17.317,34	26.455,54
21.01.2019	18:45:00	17.616,91	17.130,62	25.988,66
21.01.2019	19:00:00	17.561,48	17.066,12	25.787,05
21.01.2019	19:15:00	17.776,58	17.285,55	26.054,33
21.01.2019	19:30:00	17.705,44	17.203,67	25.805,58
21.01.2019	19:45:00	17.442,32	16.931,76	25.397,77
21.01.2019	20:00:00	17.112,73	16.589,50	25.072,86
21.01.2019	20:15:00	16.813,29	16.278,79	24.543,54
21.01.2019	20:30:00	16.948,20	16.417,46	24.356,20
21.01.2019	20:45:00	16.618,33	16.075,33	24.026,12
21.01.2019	21:00:00	16.082,01	15.532,86	23.468,37
21.01.2019	21:15:00	16.211,09	15.660,11	23.322,93
21.01.2019	21:30:00	17.483,40	16.941,18	24.332,15
21.01.2019	21:45:00	16.960,61	16.413,01	23.797,34
21.01.2019	22:00:00	16.523,65	15.964,67	23.069,35
21.01.2019	22:15:00	16.347,21	15.786,93	22.734,12
21.01.2019	22:30:00	16.361,65	15.799,45	22.390,23
21.01.2019	22:45:00	16.711,63	16.151,42	22.641,28
21.01.2019	23:00:00	16.838,84	16.278,26	22.529,40
21.01.2019	23:15:00	16.343,44	15.775,01	21.884,56
21.01.2019	23:30:00	15.815,19	15.244,42	21.186,84
21.01.2019	23:45:00	15.203,21	14.625,62	20.522,18
22.01.2019	00:00:00	14.940,93	14.390,08	20.110,30
22.01.2019	00:15:00	14.589,38	14.079,77	19.804,98
22.01.2019	00:30:00	14.389,53	13.877,17	19.595,41
22.01.2019	00:45:00	14.315,06	13.800,39	19.519,93
22.01.2019	01:00:00	14.064,23	13.548,29	19.306,91
22.01.2019	01:15:00	13.923,97	13.406,84	19.205,90
22.01.2019	01:30:00	13.772,10	13.255,99	18.956,64
22.01.2019	01:45:00	13.527,72	13.006,91	18.614,84
22.01.2019	02:00:00	13.303,81	12.782,53	18.316,12
22.01.2019	02:15:00	13.144,00	12.620,53	18.062,34
22.01.2019	02:30:00	13.070,36	12.549,11	17.971,00
22.01.2019	02:45:00	13.009,45	12.486,85	17.893,12
22.01.2019	03:00:00	12.938,55	12.413,40	17.801,28
22.01.2019	03:15:00	12.487,38	11.959,78	17.410,12
22.01.2019	03:30:00	12.343,66	11.815,99	17.338,85
22.01.2019	03:45:00	12.247,63	11.719,80	17.220,86
22.01.2019	04:00:00	12.153,91	11.624,38	17.180,24
22.01.2019	04:15:00	12.215,33	11.684,55	17.240,78
22.01.2019	04:30:00	12.217,86	11.690,06	17.254,86
22.01.2019	04:45:00	11.930,36	11.399,20	17.103,57
22.01.2019	05:00:00	11.988,92	11.465,13	17.566,68
22.01.2019	05:15:00	12.020,95	11.522,65	18.130,98
22.01.2019	05:30:00	11.702,13	11.210,01	17.967,86
22.01.2019	05:45:00	12.173,73	11.694,77	18.883,63
22.01.2019	06:00:00	12.283,62	11.753,93	19.733,41
22.01.2019	06:15:00	12.561,23	12.030,65	21.161,48
22.01.2019	06:30:00	12.570,31	12.058,49	22.118,43
22.01.2019	06:45:00	12.684,11	12.175,24	22.827,07
22.01.2019	07:00:00	12.877,60	12.393,31	23.819,34
22.01.2019	07:15:00	13.278,49	12.800,59	24.964,55
22.01.2019	07:30:00	13.625,14	13.167,17	25.768,08
22.01.2019	07:45:00	13.764,92	13.302,34	26.302,10
22.01.2019	08:00:00	13.722,50	13.266,90	26.605,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.01.2019	08:15:00	13.805,19	13.367,76	26.993,26
22.01.2019	08:30:00	13.985,13	13.506,02	27.147,93
22.01.2019	08:45:00	14.090,87	13.557,67	27.304,43
22.01.2019	09:00:00	14.276,53	13.639,29	27.556,81
22.01.2019	09:15:00	14.903,98	14.107,22	27.191,28
22.01.2019	09:30:00	14.787,47	13.846,22	26.778,00
22.01.2019	09:45:00	14.701,88	13.527,17	26.850,61
22.01.2019	10:00:00	14.720,40	13.270,74	26.811,32
22.01.2019	10:15:00	14.778,59	12.874,04	26.273,94
22.01.2019	10:30:00	14.683,01	12.061,87	25.213,24
22.01.2019	10:45:00	14.303,60	11.422,57	24.833,49
22.01.2019	11:00:00	14.323,34	10.828,00	24.276,13
22.01.2019	11:15:00	14.210,70	10.568,57	23.737,12
22.01.2019	11:30:00	14.301,72	10.454,23	23.805,10
22.01.2019	11:45:00	14.476,16	10.564,90	23.783,46
22.01.2019	12:00:00	14.571,46	10.620,28	23.588,26
22.01.2019	12:15:00	14.896,78	11.141,67	23.353,96
22.01.2019	12:30:00	14.861,08	12.069,94	24.284,52
22.01.2019	12:45:00	15.215,47	12.992,27	25.313,18
22.01.2019	13:00:00	15.339,77	13.504,71	26.051,74
22.01.2019	13:15:00	14.964,22	13.427,39	26.133,10
22.01.2019	13:30:00	14.977,08	13.532,86	26.434,61
22.01.2019	13:45:00	14.962,45	13.507,41	26.536,70
22.01.2019	14:00:00	14.633,02	13.298,72	26.326,38
22.01.2019	14:15:00	14.536,08	13.321,65	26.152,57
22.01.2019	14:30:00	14.492,45	13.414,25	26.280,52
22.01.2019	14:45:00	14.543,05	13.585,60	26.251,58
22.01.2019	15:00:00	14.298,87	13.351,71	25.953,50
22.01.2019	15:15:00	14.147,52	13.252,74	25.639,47
22.01.2019	15:30:00	14.152,69	13.366,49	25.636,23
22.01.2019	15:45:00	14.311,42	13.602,11	25.448,59
22.01.2019	16:00:00	14.430,91	13.783,44	25.272,78
22.01.2019	16:15:00	14.538,59	13.941,37	25.156,65
22.01.2019	16:30:00	14.683,49	14.126,46	25.202,44
22.01.2019	16:45:00	14.970,50	14.451,86	25.408,43
22.01.2019	17:00:00	15.281,36	14.813,83	25.412,62
22.01.2019	17:15:00	16.030,45	15.584,54	25.916,78
22.01.2019	17:30:00	16.899,40	16.457,85	26.487,08
22.01.2019	17:45:00	17.533,21	17.089,44	27.093,20
22.01.2019	18:00:00	17.785,06	17.342,58	27.145,15
22.01.2019	18:15:00	18.010,40	17.558,99	27.003,76
22.01.2019	18:30:00	18.011,67	17.549,65	26.724,50
22.01.2019	18:45:00	17.613,27	17.140,28	26.074,06
22.01.2019	19:00:00	17.534,16	17.055,44	25.883,21
22.01.2019	19:15:00	17.541,89	17.054,06	25.786,21
22.01.2019	19:30:00	17.535,23	17.045,15	25.664,88
22.01.2019	19:45:00	17.111,96	16.608,35	25.100,23
22.01.2019	20:00:00	16.858,43	16.347,90	24.741,09
22.01.2019	20:15:00	16.472,85	15.942,28	24.143,47
22.01.2019	20:30:00	16.413,84	15.878,61	23.884,44
22.01.2019	20:45:00	16.447,42	15.904,45	23.884,78
22.01.2019	21:00:00	16.144,43	15.600,17	23.516,24
22.01.2019	21:15:00	16.171,65	15.625,84	23.438,34
22.01.2019	21:30:00	17.266,90	16.731,16	24.453,61
22.01.2019	21:45:00	16.964,65	16.424,76	23.882,12
22.01.2019	22:00:00	16.499,08	15.949,73	23.189,31
22.01.2019	22:15:00	16.338,84	15.787,50	22.788,58
22.01.2019	22:30:00	16.072,69	15.514,82	22.205,59
22.01.2019	22:45:00	16.453,35	15.897,17	22.216,50
22.01.2019	23:00:00	16.380,20	15.822,06	21.842,30
22.01.2019	23:15:00	15.878,59	15.313,60	21.231,80
22.01.2019	23:30:00	15.489,55	14.923,51	20.792,21
22.01.2019	23:45:00	15.113,83	14.539,16	20.340,33
23.01.2019	00:00:00	14.630,70	14.055,41	19.703,47
23.01.2019	00:15:00	14.224,05	13.643,54	19.210,38
23.01.2019	00:30:00	13.834,78	13.249,30	18.672,68
23.01.2019	00:45:00	13.692,73	13.104,91	18.574,88
23.01.2019	01:00:00	13.504,51	12.915,52	18.377,01
23.01.2019	01:15:00	13.270,65	12.679,84	18.269,52
23.01.2019	01:30:00	12.930,42	12.340,46	17.868,74
23.01.2019	01:45:00	12.781,99	12.187,89	17.678,06

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.01.2019	02:00:00	12.683,16	12.087,52	17.535,72
23.01.2019	02:15:00	12.676,51	12.081,08	17.508,74
23.01.2019	02:30:00	12.566,87	11.971,42	17.367,70
23.01.2019	02:45:00	12.580,82	11.986,45	17.383,12
23.01.2019	03:00:00	12.613,12	12.015,66	17.410,52
23.01.2019	03:15:00	12.396,12	11.794,02	17.162,77
23.01.2019	03:30:00	12.375,51	11.774,49	17.244,31
23.01.2019	03:45:00	12.244,49	11.646,64	17.155,38
23.01.2019	04:00:00	12.210,08	11.608,26	17.079,05
23.01.2019	04:15:00	12.245,73	11.643,38	17.074,42
23.01.2019	04:30:00	12.143,50	11.540,80	17.049,53
23.01.2019	04:45:00	12.152,58	11.548,16	17.185,84
23.01.2019	05:00:00	12.255,51	11.659,53	17.455,80
23.01.2019	05:15:00	12.459,63	11.895,06	18.352,10
23.01.2019	05:30:00	11.998,89	11.441,29	18.294,55
23.01.2019	05:45:00	12.430,90	11.879,86	18.955,85
23.01.2019	06:00:00	12.860,78	12.327,38	20.177,00
23.01.2019	06:15:00	13.032,57	12.504,08	21.666,42
23.01.2019	06:30:00	13.093,21	12.595,34	22.669,34
23.01.2019	06:45:00	13.089,17	12.584,26	23.050,40
23.01.2019	07:00:00	13.223,76	12.745,63	24.036,64
23.01.2019	07:15:00	13.695,76	13.227,32	25.243,87
23.01.2019	07:30:00	14.039,04	13.577,21	26.024,65
23.01.2019	07:45:00	13.940,24	13.495,52	26.339,26
23.01.2019	08:00:00	13.913,80	13.459,11	26.698,04
23.01.2019	08:15:00	13.901,41	13.446,68	26.680,56
23.01.2019	08:30:00	13.964,98	13.442,62	27.067,86
23.01.2019	08:45:00	14.067,32	13.497,21	27.191,06
23.01.2019	09:00:00	14.455,24	13.862,18	27.608,58
23.01.2019	09:15:00	15.196,71	14.551,10	27.593,31
23.01.2019	09:30:00	15.117,62	14.098,89	27.122,33
23.01.2019	09:45:00	14.920,89	13.578,48	27.161,20
23.01.2019	10:00:00	14.915,49	13.185,47	26.845,88
23.01.2019	10:15:00	14.902,32	12.784,34	26.313,76
23.01.2019	10:30:00	14.696,66	12.295,07	25.583,48
23.01.2019	10:45:00	14.410,67	11.690,13	25.169,75
23.01.2019	11:00:00	14.247,45	11.063,03	24.456,74
23.01.2019	11:15:00	14.357,14	10.921,33	24.409,37
23.01.2019	11:30:00	14.537,56	10.906,16	24.258,55
23.01.2019	11:45:00	14.828,10	10.990,43	24.418,00
23.01.2019	12:00:00	14.928,63	10.922,65	23.987,56
23.01.2019	12:15:00	15.475,43	11.359,84	23.853,52
23.01.2019	12:30:00	16.130,08	12.135,72	24.140,70
23.01.2019	12:45:00	15.630,12	11.894,51	24.070,84
23.01.2019	13:00:00	15.204,69	11.418,52	24.005,97
23.01.2019	13:15:00	15.112,37	12.003,63	24.691,10
23.01.2019	13:30:00	15.036,49	12.815,11	25.732,44
23.01.2019	13:45:00	15.251,97	12.675,04	25.504,78
23.01.2019	14:00:00	15.103,10	12.898,72	25.891,42
23.01.2019	14:15:00	14.563,85	13.032,68	25.982,78
23.01.2019	14:30:00	14.458,82	12.774,10	25.713,03
23.01.2019	14:45:00	14.332,57	12.504,71	25.301,18
23.01.2019	15:00:00	13.992,54	12.700,19	25.541,61
23.01.2019	15:15:00	14.324,44	13.327,23	25.730,85
23.01.2019	15:30:00	14.412,82	13.565,07	25.472,85
23.01.2019	15:45:00	14.392,81	13.592,67	25.249,42
23.01.2019	16:00:00	14.373,22	13.622,69	25.126,62
23.01.2019	16:15:00	14.607,20	13.952,71	25.240,20
23.01.2019	16:30:00	14.846,20	14.243,77	25.312,68
23.01.2019	16:45:00	15.310,54	14.762,03	25.661,20
23.01.2019	17:00:00	15.535,49	15.052,66	25.747,64
23.01.2019	17:15:00	16.176,81	15.716,18	26.259,87
23.01.2019	17:30:00	17.134,28	16.683,77	26.770,32
23.01.2019	17:45:00	17.772,40	17.316,23	27.178,80
23.01.2019	18:00:00	18.099,86	17.647,20	27.470,04
23.01.2019	18:15:00	17.921,39	17.456,82	27.001,08
23.01.2019	18:30:00	17.726,34	17.257,52	26.419,07
23.01.2019	18:45:00	17.503,15	17.019,50	26.022,46
23.01.2019	19:00:00	17.233,17	16.749,93	25.753,22
23.01.2019	19:15:00	17.318,74	16.830,33	25.726,03
23.01.2019	19:30:00	17.609,97	17.111,11	25.869,85

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.01.2019	19:45:00	17.227,18	16.720,30	25.311,02
23.01.2019	20:00:00	17.005,18	16.484,18	25.013,86
23.01.2019	20:15:00	16.796,35	16.262,59	24.735,05
23.01.2019	20:30:00	16.798,06	16.259,45	24.554,96
23.01.2019	20:45:00	16.774,80	16.237,98	24.280,82
23.01.2019	21:00:00	16.409,71	15.862,04	23.884,36
23.01.2019	21:15:00	16.410,32	15.866,31	23.847,32
23.01.2019	21:30:00	17.645,75	17.110,21	25.018,23
23.01.2019	21:45:00	17.255,46	16.708,65	24.470,52
23.01.2019	22:00:00	16.709,55	16.149,34	23.581,34
23.01.2019	22:15:00	16.614,82	16.054,37	23.230,95
23.01.2019	22:30:00	16.536,96	15.977,85	23.002,29
23.01.2019	22:45:00	16.803,32	16.248,37	22.904,41
23.01.2019	23:00:00	16.914,35	16.355,77	22.677,40
23.01.2019	23:15:00	16.445,11	15.878,55	22.126,48
23.01.2019	23:30:00	15.812,88	15.233,74	21.371,15
23.01.2019	23:45:00	15.289,89	14.708,57	20.641,86
24.01.2019	00:00:00	14.872,17	14.286,13	20.190,99
24.01.2019	00:15:00	14.568,25	13.979,22	19.895,88
24.01.2019	00:30:00	14.315,25	13.722,66	19.631,00
24.01.2019	00:45:00	14.166,65	13.571,93	19.346,49
24.01.2019	01:00:00	13.931,27	13.335,68	19.071,18
24.01.2019	01:15:00	13.735,90	13.143,22	19.029,06
24.01.2019	01:30:00	13.577,56	12.982,76	18.752,58
24.01.2019	01:45:00	13.468,14	12.874,58	18.513,01
24.01.2019	02:00:00	13.245,65	12.651,27	18.237,10
24.01.2019	02:15:00	12.980,62	12.385,40	17.845,91
24.01.2019	02:30:00	12.704,86	12.108,65	17.548,04
24.01.2019	02:45:00	12.648,81	12.051,78	17.511,26
24.01.2019	03:00:00	12.553,22	11.949,11	17.463,27
24.01.2019	03:15:00	12.261,82	11.658,44	17.137,45
24.01.2019	03:30:00	12.138,01	11.534,13	16.992,46
24.01.2019	03:45:00	11.990,64	11.385,16	16.976,51
24.01.2019	04:00:00	11.941,97	11.333,83	16.884,66
24.01.2019	04:15:00	12.066,00	11.454,74	16.966,41
24.01.2019	04:30:00	12.022,69	11.414,80	16.942,95
24.01.2019	04:45:00	11.910,75	11.304,74	16.961,76
24.01.2019	05:00:00	11.931,63	11.329,76	17.352,01
24.01.2019	05:15:00	11.982,66	11.394,68	18.002,04
24.01.2019	05:30:00	11.649,18	11.070,87	17.846,44
24.01.2019	05:45:00	12.072,80	11.551,81	18.771,20
24.01.2019	06:00:00	12.384,44	11.906,71	19.886,11
24.01.2019	06:15:00	12.548,26	12.083,53	21.456,50
24.01.2019	06:30:00	12.573,31	12.145,45	22.294,50
24.01.2019	06:45:00	12.633,23	12.199,76	22.787,74
24.01.2019	07:00:00	13.200,47	12.777,88	24.438,93
24.01.2019	07:15:00	13.603,25	13.187,66	25.544,13
24.01.2019	07:30:00	13.781,52	13.366,14	25.993,96
24.01.2019	07:45:00	13.897,35	13.496,66	26.636,96
24.01.2019	08:00:00	14.070,82	13.672,29	27.314,07
24.01.2019	08:15:00	14.175,98	13.771,51	27.736,17
24.01.2019	08:30:00	14.119,55	13.722,59	27.776,56
24.01.2019	08:45:00	14.268,80	13.877,21	27.979,57
24.01.2019	09:00:00	14.439,18	14.060,28	28.088,45
24.01.2019	09:15:00	15.184,99	14.814,03	27.933,67
24.01.2019	09:30:00	15.275,28	14.896,00	28.073,13
24.01.2019	09:45:00	15.430,13	15.034,88	28.692,52
24.01.2019	10:00:00	15.319,67	14.892,24	28.696,48
24.01.2019	10:15:00	15.596,57	15.152,57	28.805,06
24.01.2019	10:30:00	15.442,06	14.935,16	28.632,15
24.01.2019	10:45:00	15.116,00	14.575,35	28.514,74
24.01.2019	11:00:00	15.178,48	14.647,49	28.619,51
24.01.2019	11:15:00	15.138,28	14.541,30	28.600,16
24.01.2019	11:30:00	15.420,57	14.802,62	28.753,50
24.01.2019	11:45:00	15.609,78	14.969,34	28.793,33
24.01.2019	12:00:00	15.668,50	15.040,88	28.614,56
24.01.2019	12:15:00	16.205,38	15.667,12	28.891,04
24.01.2019	12:30:00	16.829,76	16.290,48	29.013,19
24.01.2019	12:45:00	16.508,70	15.952,90	28.678,51
24.01.2019	13:00:00	16.267,43	15.704,99	28.599,68
24.01.2019	13:15:00	16.024,46	15.474,54	28.596,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.01.2019	13:30:00	15.564,67	15.048,71	28.356,18
24.01.2019	13:45:00	15.696,37	15.193,14	28.496,04
24.01.2019	14:00:00	15.555,18	15.029,26	28.224,20
24.01.2019	14:15:00	15.205,15	14.678,76	27.977,27
24.01.2019	14:30:00	15.157,08	14.635,31	28.048,16
24.01.2019	14:45:00	14.900,70	14.349,74	27.603,40
24.01.2019	15:00:00	14.832,94	14.282,79	27.090,72
24.01.2019	15:15:00	14.800,29	14.286,81	26.893,33
24.01.2019	15:30:00	14.839,03	14.362,68	26.906,35
24.01.2019	15:45:00	15.068,58	14.600,58	26.996,24
24.01.2019	16:00:00	15.348,50	14.890,96	26.795,87
24.01.2019	16:15:00	15.604,15	15.150,80	26.641,90
24.01.2019	16:30:00	15.681,95	15.237,43	26.473,34
24.01.2019	16:45:00	15.763,45	15.320,54	26.156,81
24.01.2019	17:00:00	16.127,91	15.689,18	26.490,33
24.01.2019	17:15:00	16.567,28	16.126,90	26.854,04
24.01.2019	17:30:00	17.281,93	16.848,83	27.008,14
24.01.2019	17:45:00	17.691,13	17.252,43	27.246,24
24.01.2019	18:00:00	18.114,29	17.680,65	27.417,12
24.01.2019	18:15:00	18.095,12	17.657,38	27.281,21
24.01.2019	18:30:00	17.836,41	17.391,20	26.642,95
24.01.2019	18:45:00	17.691,48	17.230,30	26.211,40
24.01.2019	19:00:00	17.501,90	17.025,02	25.970,65
24.01.2019	19:15:00	17.648,52	17.170,92	26.172,17
24.01.2019	19:30:00	17.731,09	17.254,01	26.125,25
24.01.2019	19:45:00	17.380,29	16.873,57	25.669,40
24.01.2019	20:00:00	17.331,13	16.813,46	25.547,15
24.01.2019	20:15:00	17.127,55	16.593,86	25.264,36
24.01.2019	20:30:00	16.923,69	16.382,82	24.771,06
24.01.2019	20:45:00	16.788,52	16.239,75	24.405,67
24.01.2019	21:00:00	16.550,68	15.994,14	24.125,11
24.01.2019	21:15:00	16.549,47	15.986,11	24.012,57
24.01.2019	21:30:00	17.584,85	17.026,54	24.865,46
24.01.2019	21:45:00	17.300,85	16.741,24	24.279,74
24.01.2019	22:00:00	16.843,12	16.279,25	23.454,73
24.01.2019	22:15:00	16.631,72	16.067,72	23.057,07
24.01.2019	22:30:00	16.526,86	15.957,53	22.697,94
24.01.2019	22:45:00	16.995,40	16.426,37	22.936,30
24.01.2019	23:00:00	17.172,03	16.604,85	23.021,24
24.01.2019	23:15:00	16.733,88	16.165,10	22.442,53
24.01.2019	23:30:00	16.191,51	15.616,33	21.806,63
24.01.2019	23:45:00	15.767,74	15.187,55	21.166,97
25.01.2019	00:00:00	15.280,26	14.693,18	20.554,56
25.01.2019	00:15:00	14.962,71	14.373,68	20.211,92
25.01.2019	00:30:00	14.729,78	14.138,47	19.953,64
25.01.2019	00:45:00	14.630,61	14.039,00	19.765,83
25.01.2019	01:00:00	14.398,79	13.804,90	19.677,54
25.01.2019	01:15:00	14.015,92	13.421,71	19.230,16
25.01.2019	01:30:00	13.898,11	13.298,14	19.182,11
25.01.2019	01:45:00	13.732,78	13.132,73	18.853,46
25.01.2019	02:00:00	13.446,21	12.839,63	18.395,94
25.01.2019	02:15:00	13.289,12	12.683,58	18.249,41
25.01.2019	02:30:00	13.118,82	12.512,99	18.164,51
25.01.2019	02:45:00	13.003,52	12.399,08	18.019,87
25.01.2019	03:00:00	12.853,93	12.248,27	17.882,11
25.01.2019	03:15:00	12.569,99	11.960,02	17.587,85
25.01.2019	03:30:00	12.421,98	11.813,66	17.491,49
25.01.2019	03:45:00	12.398,73	11.791,04	17.440,70
25.01.2019	04:00:00	12.194,50	11.584,93	17.198,51
25.01.2019	04:15:00	12.410,28	11.797,90	17.380,00
25.01.2019	04:30:00	12.395,89	11.781,37	17.400,34
25.01.2019	04:45:00	12.167,28	11.553,43	17.324,90
25.01.2019	05:00:00	12.314,27	11.707,66	17.796,22
25.01.2019	05:15:00	12.456,48	11.862,17	18.320,15
25.01.2019	05:30:00	11.910,13	11.334,69	18.066,03
25.01.2019	05:45:00	12.280,65	11.731,74	18.989,01
25.01.2019	06:00:00	12.634,34	12.106,82	20.048,30
25.01.2019	06:15:00	12.917,37	12.391,09	21.601,10
25.01.2019	06:30:00	13.083,24	12.580,34	22.812,12
25.01.2019	06:45:00	12.984,72	12.479,22	23.246,28
25.01.2019	07:00:00	13.356,98	12.865,64	24.494,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.01.2019	07:15:00	13.674,50	13.183,93	25.305,48
25.01.2019	07:30:00	13.893,62	13.410,65	25.837,90
25.01.2019	07:45:00	14.120,59	13.646,17	26.887,12
25.01.2019	08:00:00	14.162,85	13.709,76	27.298,19
25.01.2019	08:15:00	14.260,21	13.803,68	27.397,78
25.01.2019	08:30:00	14.364,00	13.907,37	27.621,72
25.01.2019	08:45:00	14.236,60	13.784,03	27.528,83
25.01.2019	09:00:00	14.643,77	14.189,59	27.900,64
25.01.2019	09:15:00	15.349,07	14.914,58	28.030,67
25.01.2019	09:30:00	15.445,92	15.004,08	28.291,44
25.01.2019	09:45:00	15.370,14	14.892,88	28.283,04
25.01.2019	10:00:00	15.525,19	15.032,13	28.517,53
25.01.2019	10:15:00	15.709,49	15.179,45	28.726,18
25.01.2019	10:30:00	15.523,46	14.956,49	28.486,84
25.01.2019	10:45:00	15.113,72	14.493,26	27.984,39
25.01.2019	11:00:00	15.126,25	14.473,16	27.900,36
25.01.2019	11:15:00	15.237,35	14.598,26	28.085,68
25.01.2019	11:30:00	15.298,34	14.656,41	28.055,02
25.01.2019	11:45:00	15.485,47	14.904,24	28.199,30
25.01.2019	12:00:00	15.759,99	15.181,32	28.224,72
25.01.2019	12:15:00	16.250,06	15.674,58	28.308,30
25.01.2019	12:30:00	16.688,74	16.032,81	28.042,57
25.01.2019	12:45:00	16.008,33	15.394,42	27.360,90
25.01.2019	13:00:00	15.865,58	15.281,48	27.502,52
25.01.2019	13:15:00	15.721,79	15.005,90	27.167,24
25.01.2019	13:30:00	15.315,32	14.560,54	26.723,32
25.01.2019	13:45:00	15.074,47	14.252,36	26.263,93
25.01.2019	14:00:00	14.489,70	13.809,34	25.816,36
25.01.2019	14:15:00	14.486,88	13.953,83	25.537,62
25.01.2019	14:30:00	14.513,04	14.018,17	25.537,32
25.01.2019	14:45:00	14.478,75	13.979,38	25.493,87
25.01.2019	15:00:00	14.484,92	14.003,76	25.217,03
25.01.2019	15:15:00	14.460,03	13.973,86	24.827,28
25.01.2019	15:30:00	14.475,62	13.998,03	24.586,70
25.01.2019	15:45:00	14.231,97	13.741,72	24.022,32
25.01.2019	16:00:00	14.300,50	13.817,11	23.854,02
25.01.2019	16:15:00	14.672,73	14.202,44	23.904,68
25.01.2019	16:30:00	14.786,38	14.325,56	23.787,58
25.01.2019	16:45:00	15.040,73	14.593,84	23.910,39
25.01.2019	17:00:00	15.365,01	14.924,80	24.123,83
25.01.2019	17:15:00	16.180,87	15.756,88	24.965,12
25.01.2019	17:30:00	16.611,81	16.185,47	25.259,04
25.01.2019	17:45:00	17.692,52	17.275,08	26.088,48
25.01.2019	18:00:00	17.866,03	17.444,59	26.117,21
25.01.2019	18:15:00	17.939,18	17.519,70	25.959,01
25.01.2019	18:30:00	17.856,43	17.434,62	25.663,06
25.01.2019	18:45:00	17.702,01	17.265,74	25.404,94
25.01.2019	19:00:00	17.431,37	16.928,40	24.894,48
25.01.2019	19:15:00	17.436,59	16.927,71	24.964,76
25.01.2019	19:30:00	17.612,19	17.095,17	24.954,19
25.01.2019	19:45:00	17.289,32	16.762,63	24.345,33
25.01.2019	20:00:00	16.915,62	16.382,46	23.755,76
25.01.2019	20:15:00	16.548,44	15.997,26	22.962,21
25.01.2019	20:30:00	16.007,98	15.459,45	22.247,24
25.01.2019	20:45:00	15.935,26	15.376,72	21.961,06
25.01.2019	21:00:00	15.614,05	15.055,82	21.716,71
25.01.2019	21:15:00	15.663,30	15.094,72	21.600,56
25.01.2019	21:30:00	16.944,27	16.387,89	22.754,38
25.01.2019	21:45:00	16.472,11	15.912,11	22.286,67
25.01.2019	22:00:00	16.103,68	15.540,05	21.922,53
25.01.2019	22:15:00	16.373,48	15.810,04	21.864,78
25.01.2019	22:30:00	16.694,97	16.125,77	22.119,26
25.01.2019	22:45:00	17.313,62	16.749,95	22.641,48
25.01.2019	23:00:00	17.547,13	16.978,71	22.772,45
25.01.2019	23:15:00	16.942,64	16.370,91	21.850,15
25.01.2019	23:30:00	16.463,79	15.891,49	21.272,67
25.01.2019	23:45:00	16.080,27	15.505,16	20.826,28
26.01.2019	00:00:00	15.434,79	14.849,93	20.038,62
26.01.2019	00:15:00	14.824,19	14.234,63	19.401,18
26.01.2019	00:30:00	14.295,60	13.702,58	18.735,66
26.01.2019	00:45:00	14.081,31	13.483,87	18.550,91

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.01.2019	01:00:00	13.894,83	13.295,73	18.329,73
26.01.2019	01:15:00	13.663,69	13.060,02	18.064,75
26.01.2019	01:30:00	13.458,40	12.852,90	17.860,30
26.01.2019	01:45:00	13.015,65	12.411,60	17.311,12
26.01.2019	02:00:00	12.793,15	12.185,59	17.062,09
26.01.2019	02:15:00	12.484,14	11.872,47	16.890,81
26.01.2019	02:30:00	12.354,96	11.741,85	16.667,84
26.01.2019	02:45:00	12.155,62	11.539,43	16.359,76
26.01.2019	03:00:00	12.068,55	11.453,23	16.293,47
26.01.2019	03:15:00	11.759,16	11.142,76	15.946,38
26.01.2019	03:30:00	11.609,38	10.989,14	15.692,66
26.01.2019	03:45:00	11.608,10	10.985,28	15.718,36
26.01.2019	04:00:00	11.583,27	10.959,09	15.577,75
26.01.2019	04:15:00	11.550,47	10.927,96	15.529,24
26.01.2019	04:30:00	11.470,08	10.850,55	15.399,38
26.01.2019	04:45:00	11.233,59	10.611,56	15.200,83
26.01.2019	05:00:00	11.152,63	10.545,30	15.136,78
26.01.2019	05:15:00	11.104,14	10.510,64	15.234,45
26.01.2019	05:30:00	10.543,48	9.963,08	14.791,15
26.01.2019	05:45:00	10.758,63	10.186,18	15.169,77
26.01.2019	06:00:00	10.789,24	10.221,29	15.281,38
26.01.2019	06:15:00	10.738,14	10.172,44	15.492,82
26.01.2019	06:30:00	10.566,15	10.023,02	15.521,81
26.01.2019	06:45:00	10.364,16	9.818,04	15.424,72
26.01.2019	07:00:00	10.422,75	9.875,62	15.879,94
26.01.2019	07:15:00	10.738,86	10.180,61	16.216,68
26.01.2019	07:30:00	11.134,42	10.572,80	16.668,94
26.01.2019	07:45:00	11.616,15	11.053,18	17.297,19
26.01.2019	08:00:00	12.021,38	11.469,54	17.743,13
26.01.2019	08:15:00	12.258,29	11.715,70	18.019,16
26.01.2019	08:30:00	12.287,03	11.742,79	18.141,29
26.01.2019	08:45:00	12.695,57	12.158,05	18.502,61
26.01.2019	09:00:00	13.186,02	12.636,73	18.990,60
26.01.2019	09:15:00	13.533,15	12.960,29	19.222,34
26.01.2019	09:30:00	13.829,45	13.191,23	19.385,50
26.01.2019	09:45:00	14.207,90	13.505,14	19.749,42
26.01.2019	10:00:00	14.384,74	13.543,73	19.740,06
26.01.2019	10:15:00	14.632,61	13.713,85	19.951,87
26.01.2019	10:30:00	14.825,62	13.858,35	20.086,04
26.01.2019	10:45:00	15.223,14	14.324,13	20.519,19
26.01.2019	11:00:00	15.372,44	14.519,68	20.609,28
26.01.2019	11:15:00	15.637,70	14.331,21	20.310,36
26.01.2019	11:30:00	15.710,57	14.237,04	20.246,03
26.01.2019	11:45:00	15.626,93	13.875,57	19.799,49
26.01.2019	12:00:00	15.798,63	14.080,35	20.004,54
26.01.2019	12:15:00	15.938,53	14.179,86	19.924,45
26.01.2019	12:30:00	16.469,06	15.101,28	20.754,56
26.01.2019	12:45:00	16.316,11	14.795,90	20.186,27
26.01.2019	13:00:00	15.942,44	14.370,11	19.716,35
26.01.2019	13:15:00	15.683,25	14.419,55	19.716,30
26.01.2019	13:30:00	16.245,18	14.763,70	19.950,96
26.01.2019	13:45:00	16.137,60	14.973,46	20.107,29
26.01.2019	14:00:00	15.661,54	14.412,77	19.542,47
26.01.2019	14:15:00	15.605,82	14.313,44	19.400,91
26.01.2019	14:30:00	15.349,95	13.663,33	18.694,82
26.01.2019	14:45:00	14.834,98	13.697,18	18.702,14
26.01.2019	15:00:00	14.600,95	13.518,01	18.580,34
26.01.2019	15:15:00	14.275,54	13.196,41	18.236,19
26.01.2019	15:30:00	14.153,06	12.641,07	17.631,06
26.01.2019	15:45:00	14.068,62	12.701,62	17.584,50
26.01.2019	16:00:00	13.737,05	12.684,68	17.666,06
26.01.2019	16:15:00	13.936,13	13.118,23	18.024,23
26.01.2019	16:30:00	14.049,71	13.346,85	18.325,31
26.01.2019	16:45:00	14.267,83	13.601,91	18.607,61
26.01.2019	17:00:00	14.619,78	13.976,87	19.021,51
26.01.2019	17:15:00	14.811,97	14.210,81	19.261,47
26.01.2019	17:30:00	15.563,12	14.993,25	20.057,12
26.01.2019	17:45:00	16.381,42	15.819,91	20.878,91
26.01.2019	18:00:00	16.492,91	15.939,32	20.984,63
26.01.2019	18:15:00	16.570,96	16.015,33	20.924,70
26.01.2019	18:30:00	16.380,90	15.823,53	20.688,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.01.2019	18:45:00	16.274,88	15.718,96	20.582,61
26.01.2019	19:00:00	15.924,74	15.367,97	20.219,62
26.01.2019	19:15:00	16.194,02	15.638,16	20.494,79
26.01.2019	19:30:00	16.035,67	15.479,83	20.259,76
26.01.2019	19:45:00	15.737,17	15.175,03	19.921,99
26.01.2019	20:00:00	15.363,86	14.801,46	19.439,53
26.01.2019	20:15:00	15.202,28	14.630,46	19.191,44
26.01.2019	20:30:00	14.827,54	14.257,38	18.728,40
26.01.2019	20:45:00	14.683,91	14.111,16	18.505,28
26.01.2019	21:00:00	14.357,51	13.779,68	18.154,50
26.01.2019	21:15:00	14.336,78	13.757,51	18.007,86
26.01.2019	21:30:00	15.436,19	14.869,80	19.097,47
26.01.2019	21:45:00	15.122,07	14.548,52	18.684,06
26.01.2019	22:00:00	14.849,77	14.269,83	18.382,36
26.01.2019	22:15:00	14.949,07	14.368,27	18.421,17
26.01.2019	22:30:00	15.164,01	14.584,77	18.648,41
26.01.2019	22:45:00	15.718,18	15.142,16	19.110,28
26.01.2019	23:00:00	15.845,98	15.275,41	19.235,37
26.01.2019	23:15:00	15.353,01	14.777,04	18.753,42
26.01.2019	23:30:00	14.844,89	14.260,37	18.179,11
26.01.2019	23:45:00	14.292,25	13.700,57	17.546,36
27.01.2019	00:00:00	13.578,87	12.988,00	16.806,84
27.01.2019	00:15:00	13.122,32	12.525,85	16.304,42
27.01.2019	00:30:00	12.741,73	12.139,67	15.827,52
27.01.2019	00:45:00	12.157,60	11.550,22	15.208,36
27.01.2019	01:00:00	11.712,25	11.096,90	14.726,45
27.01.2019	01:15:00	11.517,58	10.903,11	14.569,80
27.01.2019	01:30:00	11.246,67	10.631,14	14.213,37
27.01.2019	01:45:00	11.186,12	10.700,15	14.350,03
27.01.2019	02:00:00	10.969,11	10.555,94	14.185,37
27.01.2019	02:15:00	10.938,67	10.526,17	14.210,56
27.01.2019	02:30:00	11.033,29	10.622,27	14.248,49
27.01.2019	02:45:00	10.895,75	10.484,41	14.129,57
27.01.2019	03:00:00	10.865,13	10.444,07	14.120,32
27.01.2019	03:15:00	10.581,99	9.959,63	13.643,18
27.01.2019	03:30:00	10.516,61	9.893,39	13.522,58
27.01.2019	03:45:00	10.567,65	9.949,19	13.572,11
27.01.2019	04:00:00	10.569,84	9.946,36	13.573,70
27.01.2019	04:15:00	10.716,32	10.098,90	13.664,20
27.01.2019	04:30:00	10.591,41	9.967,89	13.615,82
27.01.2019	04:45:00	10.245,66	9.628,57	13.229,42
27.01.2019	05:00:00	10.237,65	9.624,65	13.237,74
27.01.2019	05:15:00	10.112,43	9.497,54	13.117,26
27.01.2019	05:30:00	9.743,82	9.119,63	12.806,01
27.01.2019	05:45:00	9.922,86	9.303,98	13.028,08
27.01.2019	06:00:00	9.932,65	9.321,97	13.021,18
27.01.2019	06:15:00	9.656,40	9.059,10	12.826,04
27.01.2019	06:30:00	9.476,62	8.935,33	12.733,24
27.01.2019	06:45:00	8.948,58	8.404,01	12.246,02
27.01.2019	07:00:00	8.826,40	8.279,84	12.179,99
27.01.2019	07:15:00	9.177,56	8.638,66	12.492,22
27.01.2019	07:30:00	9.507,77	8.968,58	12.926,20
27.01.2019	07:45:00	9.885,01	9.349,12	13.379,35
27.01.2019	08:00:00	9.909,28	9.373,51	13.291,16
27.01.2019	08:15:00	10.016,99	9.481,90	13.292,48
27.01.2019	08:30:00	10.219,42	9.646,75	13.478,18
27.01.2019	08:45:00	10.800,49	10.180,83	14.004,23
27.01.2019	09:00:00	11.208,34	10.446,04	14.269,74
27.01.2019	09:15:00	11.615,45	10.930,97	14.706,29
27.01.2019	09:30:00	12.043,45	11.347,35	15.209,42
27.01.2019	09:45:00	12.390,58	11.600,25	15.484,24
27.01.2019	10:00:00	12.591,03	11.816,61	15.727,30
27.01.2019	10:15:00	12.912,97	11.955,44	15.885,30
27.01.2019	10:30:00	12.904,46	11.731,47	15.596,44
27.01.2019	10:45:00	13.660,06	12.848,00	16.770,74
27.01.2019	11:00:00	13.979,73	12.650,32	16.569,61
27.01.2019	11:15:00	13.990,22	12.438,17	16.307,92
27.01.2019	11:30:00	14.447,62	13.302,01	17.219,07
27.01.2019	11:45:00	14.789,76	13.532,84	17.410,47
27.01.2019	12:00:00	14.798,17	13.278,54	17.156,95
27.01.2019	12:15:00	14.863,58	13.196,61	17.108,47

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.01.2019	12:30:00	15.390,42	14.076,40	17.955,02
27.01.2019	12:45:00	15.083,38	13.485,51	17.366,38
27.01.2019	13:00:00	15.004,91	12.184,44	15.997,50
27.01.2019	13:15:00	14.502,42	12.477,33	16.252,23
27.01.2019	13:30:00	14.901,48	12.886,92	16.690,54
27.01.2019	13:45:00	14.528,13	12.872,32	16.763,32
27.01.2019	14:00:00	14.427,75	12.835,76	16.812,04
27.01.2019	14:15:00	14.203,47	12.142,71	16.091,13
27.01.2019	14:30:00	14.349,65	9.461,75	13.262,56
27.01.2019	14:45:00	13.784,79	10.467,41	14.335,37
27.01.2019	15:00:00	12.836,51	9.485,35	13.394,48
27.01.2019	15:15:00	12.216,75	9.860,08	13.836,97
27.01.2019	15:30:00	12.540,84	10.925,67	14.875,90
27.01.2019	15:45:00	12.389,83	10.996,17	15.038,06
27.01.2019	16:00:00	12.365,80	11.406,91	15.411,92
27.01.2019	16:15:00	12.326,61	11.173,75	15.128,78
27.01.2019	16:30:00	12.348,47	11.344,10	15.270,21
27.01.2019	16:45:00	12.680,02	11.852,58	15.843,38
27.01.2019	17:00:00	12.961,98	12.288,06	16.315,46
27.01.2019	17:15:00	13.562,94	12.981,75	16.959,04
27.01.2019	17:30:00	14.312,62	13.748,47	17.823,36
27.01.2019	17:45:00	15.583,71	15.027,16	19.223,30
27.01.2019	18:00:00	15.980,88	15.432,67	19.703,86
27.01.2019	18:15:00	16.009,36	15.461,35	19.640,20
27.01.2019	18:30:00	15.839,75	15.284,87	19.460,16
27.01.2019	18:45:00	15.663,09	15.108,77	19.285,64
27.01.2019	19:00:00	15.464,35	14.912,36	19.108,09
27.01.2019	19:15:00	15.672,44	15.117,66	19.279,59
27.01.2019	19:30:00	15.631,29	15.076,40	19.125,26
27.01.2019	19:45:00	15.386,50	14.831,30	18.874,40
27.01.2019	20:00:00	15.231,39	14.671,88	18.654,29
27.01.2019	20:15:00	15.120,83	14.554,91	18.493,50
27.01.2019	20:30:00	14.981,05	14.414,22	18.306,97
27.01.2019	20:45:00	14.824,98	14.249,66	18.147,90
27.01.2019	21:00:00	14.396,70	13.813,75	17.723,78
27.01.2019	21:15:00	14.474,17	13.894,75	17.832,31
27.01.2019	21:30:00	15.663,08	15.092,99	19.053,29
27.01.2019	21:45:00	15.220,53	14.644,15	18.687,01
27.01.2019	22:00:00	14.712,60	14.134,35	18.286,25
27.01.2019	22:15:00	14.674,99	14.093,62	18.377,00
27.01.2019	22:30:00	14.569,41	14.027,09	18.375,37
27.01.2019	22:45:00	14.875,81	14.343,95	18.655,28
27.01.2019	23:00:00	14.873,05	14.343,45	18.657,89
27.01.2019	23:15:00	14.189,56	13.647,02	17.888,03
27.01.2019	23:30:00	13.634,05	13.086,78	17.382,25
27.01.2019	23:45:00	13.087,65	12.535,79	16.736,40
28.01.2019	00:00:00	12.537,87	11.980,50	16.180,10
28.01.2019	00:15:00	12.000,45	11.437,14	15.753,11
28.01.2019	00:30:00	11.712,08	11.148,59	15.372,61
28.01.2019	00:45:00	11.270,01	10.704,76	15.017,49
28.01.2019	01:00:00	11.195,69	10.721,82	15.183,49
28.01.2019	01:15:00	10.928,45	10.564,31	15.038,18
28.01.2019	01:30:00	10.564,55	10.194,67	14.683,78
28.01.2019	01:45:00	10.505,37	10.136,97	14.435,62
28.01.2019	02:00:00	10.541,42	10.172,55	14.439,00
28.01.2019	02:15:00	10.772,02	10.405,27	14.657,81
28.01.2019	02:30:00	10.760,75	10.272,62	14.510,00
28.01.2019	02:45:00	10.671,53	10.099,86	14.265,16
28.01.2019	03:00:00	10.554,87	9.984,92	14.342,28
28.01.2019	03:15:00	10.554,73	9.985,35	14.537,32
28.01.2019	03:30:00	10.568,63	10.001,34	14.637,16
28.01.2019	03:45:00	10.974,34	10.408,29	14.990,10
28.01.2019	04:00:00	11.088,07	10.521,48	15.169,73
28.01.2019	04:15:00	11.317,19	10.752,64	15.303,49
28.01.2019	04:30:00	11.272,28	10.709,46	15.318,19
28.01.2019	04:45:00	11.090,86	10.523,06	15.144,94
28.01.2019	05:00:00	11.210,04	10.649,45	15.852,28
28.01.2019	05:15:00	11.386,13	10.840,78	16.969,38
28.01.2019	05:30:00	11.041,66	10.522,90	16.999,06
28.01.2019	05:45:00	11.405,99	10.898,08	17.684,66
28.01.2019	06:00:00	11.640,89	11.139,56	18.645,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.01.2019	06:15:00	11.786,93	11.302,45	20.271,79
28.01.2019	06:30:00	11.772,49	11.303,09	21.095,06
28.01.2019	06:45:00	12.020,39	11.556,48	21.875,86
28.01.2019	07:00:00	12.346,88	11.896,07	22.904,27
28.01.2019	07:15:00	13.020,58	12.571,02	24.101,35
28.01.2019	07:30:00	13.222,44	12.793,58	24.860,52
28.01.2019	07:45:00	13.284,37	12.851,05	25.295,63
28.01.2019	08:00:00	12.981,36	12.553,73	25.479,85
28.01.2019	08:15:00	13.100,83	12.609,61	25.983,39
28.01.2019	08:30:00	13.106,09	12.465,54	25.976,32
28.01.2019	08:45:00	13.058,19	12.336,04	25.776,11
28.01.2019	09:00:00	13.204,53	12.423,55	26.003,93
28.01.2019	09:15:00	13.934,13	12.947,17	25.679,50
28.01.2019	09:30:00	13.765,81	12.720,65	25.324,36
28.01.2019	09:45:00	13.738,27	12.086,73	25.228,00
28.01.2019	10:00:00	13.633,62	11.061,80	24.352,04
28.01.2019	10:15:00	13.913,98	11.843,39	25.166,74
28.01.2019	10:30:00	13.939,79	11.397,77	24.599,38
28.01.2019	10:45:00	13.781,63	11.932,62	25.280,42
28.01.2019	11:00:00	13.948,69	11.783,03	25.319,01
28.01.2019	11:15:00	14.047,02	12.080,07	25.691,77
28.01.2019	11:30:00	14.124,94	11.790,40	25.241,63
28.01.2019	11:45:00	14.629,78	12.802,27	26.085,73
28.01.2019	12:00:00	14.884,60	13.144,87	25.985,14
28.01.2019	12:15:00	15.272,18	13.865,38	26.288,53
28.01.2019	12:30:00	15.821,19	14.013,47	26.300,61
28.01.2019	12:45:00	15.445,31	13.534,25	25.958,12
28.01.2019	13:00:00	15.214,77	13.362,49	25.916,86
28.01.2019	13:15:00	14.967,35	13.324,87	25.910,58
28.01.2019	13:30:00	14.849,91	13.120,82	25.878,78
28.01.2019	13:45:00	14.545,02	12.689,69	25.560,87
28.01.2019	14:00:00	14.508,65	13.207,17	26.073,64
28.01.2019	14:15:00	14.598,88	13.489,53	26.046,25
28.01.2019	14:30:00	14.399,02	13.416,63	25.933,30
28.01.2019	14:45:00	14.398,53	13.515,65	26.090,02
28.01.2019	15:00:00	14.291,55	13.437,65	25.909,62
28.01.2019	15:15:00	14.285,36	13.468,27	25.612,47
28.01.2019	15:30:00	14.346,43	13.619,27	25.500,51
28.01.2019	15:45:00	14.373,42	13.651,28	25.206,75
28.01.2019	16:00:00	14.307,26	13.621,23	24.768,15
28.01.2019	16:15:00	14.588,64	13.982,22	24.846,62
28.01.2019	16:30:00	14.834,12	14.309,05	25.178,77
28.01.2019	16:45:00	15.200,49	14.717,45	25.412,87
28.01.2019	17:00:00	15.550,83	15.098,69	25.491,38
28.01.2019	17:15:00	16.193,54	15.759,30	25.962,05
28.01.2019	17:30:00	16.863,15	16.427,21	26.411,01
28.01.2019	17:45:00	17.477,35	17.047,62	26.888,59
28.01.2019	18:00:00	17.768,23	17.345,22	26.843,79
28.01.2019	18:15:00	17.754,70	17.327,39	26.637,49
28.01.2019	18:30:00	17.653,45	17.220,62	26.332,64
28.01.2019	18:45:00	17.231,47	16.784,23	25.688,85
28.01.2019	19:00:00	17.014,33	16.567,60	25.366,18
28.01.2019	19:15:00	17.081,40	16.627,97	25.270,05
28.01.2019	19:30:00	17.123,08	16.657,35	25.037,47
28.01.2019	19:45:00	16.833,96	16.363,17	24.617,76
28.01.2019	20:00:00	16.509,69	16.032,62	24.202,02
28.01.2019	20:15:00	16.313,02	15.815,85	23.811,43
28.01.2019	20:30:00	16.116,90	15.615,31	23.393,51
28.01.2019	20:45:00	16.066,09	15.563,91	23.333,28
28.01.2019	21:00:00	15.600,45	15.084,89	22.847,65
28.01.2019	21:15:00	15.563,91	15.043,24	22.659,44
28.01.2019	21:30:00	16.648,28	16.132,80	23.619,08
28.01.2019	21:45:00	16.236,03	15.714,92	23.092,94
28.01.2019	22:00:00	15.744,64	15.219,59	22.158,09
28.01.2019	22:15:00	15.747,60	15.222,87	22.002,63
28.01.2019	22:30:00	15.548,27	15.016,20	21.540,91
28.01.2019	22:45:00	15.983,71	15.454,49	21.716,37
28.01.2019	23:00:00	15.889,76	15.359,64	21.591,12
28.01.2019	23:15:00	15.427,52	14.894,78	20.920,15
28.01.2019	23:30:00	14.927,59	14.390,31	20.326,65
28.01.2019	23:45:00	14.423,61	13.884,82	19.601,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.01.2019	00:00:00	14.036,37	13.490,71	19.195,19
29.01.2019	00:15:00	13.640,96	13.091,57	18.772,09
29.01.2019	00:30:00	13.362,02	12.808,98	18.364,22
29.01.2019	00:45:00	13.129,19	12.574,56	18.188,22
29.01.2019	01:00:00	12.927,38	12.368,24	18.027,80
29.01.2019	01:15:00	12.851,05	12.292,29	17.947,05
29.01.2019	01:30:00	12.715,38	12.157,32	17.675,59
29.01.2019	01:45:00	12.579,87	12.020,89	17.430,28
29.01.2019	02:00:00	12.214,96	11.654,47	17.013,31
29.01.2019	02:15:00	12.094,20	11.531,75	16.870,44
29.01.2019	02:30:00	11.906,54	11.344,33	16.655,42
29.01.2019	02:45:00	11.628,71	11.062,50	16.329,61
29.01.2019	03:00:00	11.540,27	10.970,73	16.335,03
29.01.2019	03:15:00	11.281,18	10.709,62	16.167,44
29.01.2019	03:30:00	11.159,06	10.584,95	16.071,45
29.01.2019	03:45:00	11.296,92	10.731,77	16.166,92
29.01.2019	04:00:00	11.159,58	10.591,90	16.018,40
29.01.2019	04:15:00	11.263,29	10.697,31	16.058,36
29.01.2019	04:30:00	11.309,82	10.741,76	16.171,49
29.01.2019	04:45:00	11.123,76	10.553,93	16.141,40
29.01.2019	05:00:00	11.234,02	10.669,85	16.508,84
29.01.2019	05:15:00	11.416,50	10.883,84	17.353,48
29.01.2019	05:30:00	11.129,62	10.609,99	17.141,31
29.01.2019	05:45:00	11.573,74	11.069,71	18.024,14
29.01.2019	06:00:00	11.956,98	11.459,10	19.367,61
29.01.2019	06:15:00	12.040,85	11.548,42	20.710,72
29.01.2019	06:30:00	12.155,51	11.690,83	21.668,85
29.01.2019	06:45:00	12.260,35	11.788,05	22.432,92
29.01.2019	07:00:00	12.480,67	12.020,00	23.456,28
29.01.2019	07:15:00	13.181,00	12.732,35	24.569,46
29.01.2019	07:30:00	13.229,09	12.777,56	25.025,14
29.01.2019	07:45:00	13.286,81	12.841,17	25.168,74
29.01.2019	08:00:00	13.109,29	12.675,09	25.498,84
29.01.2019	08:15:00	13.302,37	12.863,53	26.076,32
29.01.2019	08:30:00	13.429,73	12.940,89	26.448,44
29.01.2019	08:45:00	13.464,67	12.905,75	26.560,80
29.01.2019	09:00:00	13.824,89	13.193,23	26.817,99
29.01.2019	09:15:00	14.521,04	13.803,17	26.796,39
29.01.2019	09:30:00	14.413,99	13.492,05	26.554,95
29.01.2019	09:45:00	14.197,10	12.993,86	26.286,34
29.01.2019	10:00:00	14.263,21	12.838,29	26.503,90
29.01.2019	10:15:00	14.315,23	13.004,46	26.613,85
29.01.2019	10:30:00	14.499,94	13.322,18	26.879,17
29.01.2019	10:45:00	14.265,91	13.101,31	26.776,93
29.01.2019	11:00:00	14.321,02	13.017,77	26.679,07
29.01.2019	11:15:00	14.381,69	13.026,82	26.726,07
29.01.2019	11:30:00	14.409,45	12.844,74	26.710,64
29.01.2019	11:45:00	14.651,41	13.109,29	26.680,67
29.01.2019	12:00:00	14.871,46	13.385,83	26.790,73
29.01.2019	12:15:00	15.389,13	13.730,26	26.573,00
29.01.2019	12:30:00	15.849,78	14.240,08	26.672,64
29.01.2019	12:45:00	15.516,24	13.807,62	26.212,34
29.01.2019	13:00:00	15.364,18	13.221,77	25.672,15
29.01.2019	13:15:00	14.795,07	12.336,33	24.770,87
29.01.2019	13:30:00	14.731,37	12.539,92	25.282,93
29.01.2019	13:45:00	14.464,96	12.589,09	25.276,49
29.01.2019	14:00:00	14.217,90	12.775,83	25.228,70
29.01.2019	14:15:00	13.998,18	12.454,73	25.074,99
29.01.2019	14:30:00	13.633,36	12.025,71	24.570,89
29.01.2019	14:45:00	13.978,84	10.919,87	23.215,85
29.01.2019	15:00:00	13.554,74	10.883,57	22.973,67
29.01.2019	15:15:00	13.370,72	11.852,83	23.759,15
29.01.2019	15:30:00	13.383,53	12.259,09	23.880,84
29.01.2019	15:45:00	13.671,36	12.712,05	24.136,04
29.01.2019	16:00:00	13.631,13	12.765,07	24.218,08
29.01.2019	16:15:00	13.831,84	13.009,05	24.144,01
29.01.2019	16:30:00	13.731,70	13.022,32	23.844,80
29.01.2019	16:45:00	14.152,15	13.540,47	24.110,78
29.01.2019	17:00:00	14.249,09	13.753,47	23.988,99
29.01.2019	17:15:00	14.717,19	14.311,65	24.306,67
29.01.2019	17:30:00	15.386,13	15.011,43	24.784,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.01.2019	17:45:00	16.564,45	16.195,42	25.747,28
29.01.2019	18:00:00	17.320,75	16.955,63	26.425,48
29.01.2019	18:15:00	17.575,08	17.199,49	26.408,16
29.01.2019	18:30:00	17.475,45	17.027,84	25.885,48
29.01.2019	18:45:00	17.362,13	16.907,06	25.699,36
29.01.2019	19:00:00	17.033,25	16.577,30	25.228,98
29.01.2019	19:15:00	17.257,77	16.803,45	25.414,56
29.01.2019	19:30:00	17.359,29	16.892,73	25.433,12
29.01.2019	19:45:00	17.051,87	16.568,02	25.141,72
29.01.2019	20:00:00	16.767,61	16.280,66	24.586,34
29.01.2019	20:15:00	16.371,54	15.865,58	23.774,53
29.01.2019	20:30:00	16.353,25	15.837,76	23.666,95
29.01.2019	20:45:00	16.210,63	15.690,89	23.384,40
29.01.2019	21:00:00	15.952,83	15.432,43	23.021,18
29.01.2019	21:15:00	15.987,32	15.461,00	23.070,34
29.01.2019	21:30:00	17.222,85	16.710,38	24.210,33
29.01.2019	21:45:00	16.666,08	16.145,89	23.372,82
29.01.2019	22:00:00	16.356,61	15.834,64	22.902,48
29.01.2019	22:15:00	16.191,38	15.661,72	22.448,02
29.01.2019	22:30:00	15.793,20	15.260,57	21.687,81
29.01.2019	22:45:00	16.196,84	15.666,81	21.886,71
29.01.2019	23:00:00	16.257,95	15.732,25	21.839,18
29.01.2019	23:15:00	15.688,16	15.155,60	20.992,86
29.01.2019	23:30:00	15.054,65	14.514,53	20.268,04
29.01.2019	23:45:00	14.627,11	14.081,05	19.723,92
30.01.2019	00:00:00	14.173,83	13.622,94	19.174,08
30.01.2019	00:15:00	13.890,81	13.340,04	18.841,14
30.01.2019	00:30:00	13.725,38	13.174,53	18.759,07
30.01.2019	00:45:00	13.368,85	12.809,60	18.265,52
30.01.2019	01:00:00	13.219,05	12.659,34	18.185,22
30.01.2019	01:15:00	13.097,70	12.536,42	18.203,71
30.01.2019	01:30:00	12.884,58	12.321,37	17.905,73
30.01.2019	01:45:00	12.689,98	12.127,60	17.592,82
30.01.2019	02:00:00	12.399,18	11.831,76	17.147,01
30.01.2019	02:15:00	12.256,28	11.682,95	16.958,51
30.01.2019	02:30:00	12.076,44	11.502,75	16.771,27
30.01.2019	02:45:00	11.932,34	11.359,96	16.548,12
30.01.2019	03:00:00	11.998,30	11.424,85	16.643,82
30.01.2019	03:15:00	11.600,94	11.025,76	16.385,74
30.01.2019	03:30:00	11.513,12	10.935,63	16.395,14
30.01.2019	03:45:00	11.409,52	10.831,82	16.217,91
30.01.2019	04:00:00	11.339,24	10.759,92	16.006,53
30.01.2019	04:15:00	11.402,85	10.823,58	16.297,36
30.01.2019	04:30:00	11.340,51	10.759,60	16.177,62
30.01.2019	04:45:00	11.176,09	10.595,48	16.232,28
30.01.2019	05:00:00	11.451,36	10.883,57	16.774,64
30.01.2019	05:15:00	11.418,70	10.869,50	17.250,70
30.01.2019	05:30:00	11.176,52	10.656,50	17.330,93
30.01.2019	05:45:00	11.693,60	11.180,06	18.188,87
30.01.2019	06:00:00	11.916,51	11.410,60	19.106,55
30.01.2019	06:15:00	12.015,80	11.515,39	20.728,95
30.01.2019	06:30:00	12.218,33	11.735,47	21.724,30
30.01.2019	06:45:00	12.128,93	11.652,13	22.360,85
30.01.2019	07:00:00	12.427,73	11.969,16	23.462,28
30.01.2019	07:15:00	13.226,32	12.762,80	24.795,70
30.01.2019	07:30:00	13.481,74	13.037,64	25.621,37
30.01.2019	07:45:00	13.572,74	13.134,30	26.165,39
30.01.2019	08:00:00	13.443,86	13.008,01	26.753,00
30.01.2019	08:15:00	13.451,48	13.000,92	26.632,26
30.01.2019	08:30:00	13.557,93	13.077,20	26.839,97
30.01.2019	08:45:00	13.649,73	13.111,56	27.041,23
30.01.2019	09:00:00	13.789,09	13.167,23	27.112,53
30.01.2019	09:15:00	14.243,89	13.466,86	26.474,00
30.01.2019	09:30:00	14.484,38	13.611,70	26.517,61
30.01.2019	09:45:00	14.435,10	13.387,14	26.768,95
30.01.2019	10:00:00	14.339,31	13.169,81	26.707,84
30.01.2019	10:15:00	14.400,95	13.159,32	26.530,09
30.01.2019	10:30:00	14.529,15	12.966,82	26.399,02
30.01.2019	10:45:00	14.287,65	12.532,22	26.151,50
30.01.2019	11:00:00	14.138,96	12.139,13	25.651,88
30.01.2019	11:15:00	14.171,39	12.857,09	26.402,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.01.2019	11:30:00	14.584,12	13.302,63	27.088,38
30.01.2019	11:45:00	15.020,32	13.823,40	27.465,80
30.01.2019	12:00:00	15.094,81	13.896,15	27.253,00
30.01.2019	12:15:00	15.520,81	14.382,77	27.245,61
30.01.2019	12:30:00	16.191,31	14.244,50	26.685,46
30.01.2019	12:45:00	15.600,89	12.898,87	25.399,58
30.01.2019	13:00:00	15.478,33	13.221,30	25.852,00
30.01.2019	13:15:00	15.225,61	13.908,52	26.665,72
30.01.2019	13:30:00	15.044,71	14.140,00	27.064,59
30.01.2019	13:45:00	15.096,73	14.220,94	27.111,92
30.01.2019	14:00:00	15.028,75	14.135,81	26.865,60
30.01.2019	14:15:00	14.690,82	13.265,90	25.910,28
30.01.2019	14:30:00	13.991,81	12.049,74	24.508,57
30.01.2019	14:45:00	13.558,33	12.140,03	24.232,73
30.01.2019	15:00:00	13.702,65	11.780,21	23.823,08
30.01.2019	15:15:00	13.512,36	11.999,67	24.045,88
30.01.2019	15:30:00	13.634,92	12.626,37	24.411,11
30.01.2019	15:45:00	13.690,19	12.710,69	24.318,05
30.01.2019	16:00:00	13.741,21	12.676,42	24.001,31
30.01.2019	16:15:00	13.937,87	12.905,40	24.018,11
30.01.2019	16:30:00	14.089,34	13.209,75	23.986,58
30.01.2019	16:45:00	14.373,75	13.541,40	24.126,68
30.01.2019	17:00:00	14.573,83	13.948,29	24.308,80
30.01.2019	17:15:00	15.192,54	14.681,28	24.685,15
30.01.2019	17:30:00	15.730,51	15.265,96	25.166,47
30.01.2019	17:45:00	17.169,60	16.716,54	26.571,36
30.01.2019	18:00:00	17.744,32	17.295,11	26.852,25
30.01.2019	18:15:00	17.747,03	17.293,48	26.527,49
30.01.2019	18:30:00	17.638,68	17.181,51	26.292,70
30.01.2019	18:45:00	17.509,36	17.046,64	25.838,03
30.01.2019	19:00:00	17.350,69	16.886,15	25.476,01
30.01.2019	19:15:00	17.204,68	16.728,36	25.340,59
30.01.2019	19:30:00	17.403,37	16.911,58	25.480,54
30.01.2019	19:45:00	16.943,00	16.438,98	24.899,32
30.01.2019	20:00:00	16.835,99	16.332,43	24.735,20
30.01.2019	20:15:00	16.428,40	15.902,16	24.111,44
30.01.2019	20:30:00	16.347,20	15.810,19	23.815,14
30.01.2019	20:45:00	16.185,01	15.638,69	23.489,39
30.01.2019	21:00:00	15.863,90	15.315,68	23.137,54
30.01.2019	21:15:00	15.847,31	15.291,39	23.015,42
30.01.2019	21:30:00	16.858,87	16.324,23	23.976,75
30.01.2019	21:45:00	16.430,89	15.896,13	23.284,98
30.01.2019	22:00:00	16.019,77	15.476,31	22.626,64
30.01.2019	22:15:00	15.972,31	15.431,90	22.346,61
30.01.2019	22:30:00	15.825,24	15.280,64	21.823,01
30.01.2019	22:45:00	16.252,48	15.711,64	22.036,64
30.01.2019	23:00:00	16.425,24	15.887,79	22.004,84
30.01.2019	23:15:00	15.828,82	15.286,86	21.324,52
30.01.2019	23:30:00	15.275,90	14.726,27	20.639,08
30.01.2019	23:45:00	14.789,41	14.237,86	20.056,63
31.01.2019	00:00:00	14.341,11	13.785,58	19.501,80
31.01.2019	00:15:00	13.905,83	13.345,18	18.942,59
31.01.2019	00:30:00	13.606,96	13.045,31	18.562,54
31.01.2019	00:45:00	13.140,50	12.576,20	18.147,16
31.01.2019	01:00:00	13.006,39	12.435,55	18.112,11
31.01.2019	01:15:00	13.073,78	12.504,66	18.016,79
31.01.2019	01:30:00	12.976,59	12.403,37	17.954,24
31.01.2019	01:45:00	12.775,61	12.203,13	17.686,10
31.01.2019	02:00:00	12.650,59	12.075,33	17.489,94
31.01.2019	02:15:00	12.686,11	12.110,17	17.462,51
31.01.2019	02:30:00	12.521,79	11.943,22	17.265,90
31.01.2019	02:45:00	12.304,96	11.723,14	17.032,09
31.01.2019	03:00:00	12.127,30	11.542,10	16.778,94
31.01.2019	03:15:00	11.936,23	11.344,08	16.630,40
31.01.2019	03:30:00	11.868,60	11.279,12	16.694,78
31.01.2019	03:45:00	11.875,63	11.282,83	16.701,59
31.01.2019	04:00:00	11.943,35	11.352,60	16.659,28
31.01.2019	04:15:00	12.049,22	11.457,38	16.874,54
31.01.2019	04:30:00	11.922,35	11.329,49	16.741,72
31.01.2019	04:45:00	11.891,49	11.306,26	16.867,80
31.01.2019	05:00:00	12.049,73	11.472,41	17.347,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.01.2019	05:15:00	11.936,74	11.383,79	17.799,41
31.01.2019	05:30:00	11.719,59	11.189,05	17.883,95
31.01.2019	05:45:00	12.150,13	11.631,94	18.774,72
31.01.2019	06:00:00	12.397,09	11.890,39	19.525,30
31.01.2019	06:15:00	12.564,95	12.077,89	21.134,44
31.01.2019	06:30:00	12.796,17	12.334,26	22.294,61
31.01.2019	06:45:00	12.733,54	12.275,01	22.709,96
31.01.2019	07:00:00	12.995,88	12.531,45	23.852,62
31.01.2019	07:15:00	13.591,49	13.131,11	24.764,79
31.01.2019	07:30:00	13.845,57	13.391,52	25.724,45
31.01.2019	07:45:00	13.759,04	13.288,26	26.039,80
31.01.2019	08:00:00	13.625,81	13.180,06	26.572,28
31.01.2019	08:15:00	13.891,55	13.427,38	27.161,98
31.01.2019	08:30:00	13.938,50	13.437,40	27.310,76
31.01.2019	08:45:00	14.021,98	13.425,50	27.569,76
31.01.2019	09:00:00	14.129,75	13.646,98	27.825,23
31.01.2019	09:15:00	15.057,86	14.570,47	27.982,27
31.01.2019	09:30:00	14.887,00	14.259,04	27.635,02
31.01.2019	09:45:00	14.852,16	14.235,12	27.857,97
31.01.2019	10:00:00	15.186,71	14.645,19	28.575,61
31.01.2019	10:15:00	15.190,38	14.589,96	28.714,32
31.01.2019	10:30:00	15.155,80	14.531,83	28.720,30
31.01.2019	10:45:00	15.002,33	14.210,53	28.550,69
31.01.2019	11:00:00	15.230,21	12.898,05	27.171,77
31.01.2019	11:15:00	14.874,15	11.746,62	25.607,48
31.01.2019	11:30:00	15.046,27	11.152,39	24.890,66
31.01.2019	11:45:00	14.162,45	10.752,05	24.359,99
31.01.2019	12:00:00	15.774,75	11.204,57	24.444,56
31.01.2019	12:15:00	15.804,22	10.658,23	23.650,82
31.01.2019	12:30:00	15.787,29	12.470,14	25.258,14
31.01.2019	12:45:00	15.612,69	12.997,10	25.779,85
31.01.2019	13:00:00	15.062,23	11.480,74	24.375,24
31.01.2019	13:15:00	14.873,43	10.344,75	23.256,33
31.01.2019	13:30:00	15.644,56	10.570,48	23.675,10
31.01.2019	13:45:00	15.489,90	10.590,78	23.255,02
31.01.2019	14:00:00	13.656,55	11.420,11	24.108,05
31.01.2019	14:15:00	12.892,30	11.138,87	23.751,32
31.01.2019	14:30:00	13.002,65	11.121,12	23.606,21
31.01.2019	14:45:00	12.805,11	10.802,38	23.183,54
31.01.2019	15:00:00	13.099,89	11.703,75	24.039,32
31.01.2019	15:15:00	13.273,67	11.804,15	23.889,58
31.01.2019	15:30:00	12.763,72	11.150,08	22.992,75
31.01.2019	15:45:00	13.316,18	12.011,76	23.446,60
31.01.2019	16:00:00	13.277,30	12.017,49	23.095,80
31.01.2019	16:15:00	13.339,10	12.321,73	23.092,39
31.01.2019	16:30:00	13.887,15	13.233,53	23.876,39
31.01.2019	16:45:00	14.263,51	13.705,90	24.073,47
31.01.2019	17:00:00	14.695,22	14.180,76	24.541,17
31.01.2019	17:15:00	15.165,29	14.698,06	24.797,36
31.01.2019	17:30:00	15.822,83	15.365,20	25.171,41
31.01.2019	17:45:00	16.674,57	16.228,11	26.126,54
31.01.2019	18:00:00	17.359,52	16.914,51	26.589,68
31.01.2019	18:15:00	17.514,56	17.069,14	26.339,19
31.01.2019	18:30:00	17.523,82	17.068,37	26.237,45
31.01.2019	18:45:00	17.432,57	16.965,52	25.892,90
31.01.2019	19:00:00	17.409,96	16.934,79	25.818,29
31.01.2019	19:15:00	17.402,26	16.920,86	25.696,40
31.01.2019	19:30:00	17.337,71	16.841,97	25.398,86
31.01.2019	19:45:00	17.072,45	16.564,44	25.191,70
31.01.2019	20:00:00	16.684,47	16.166,23	24.560,34
31.01.2019	20:15:00	16.380,74	15.842,70	24.082,52
31.01.2019	20:30:00	16.145,99	15.605,79	23.518,31
31.01.2019	20:45:00	16.257,30	15.712,12	23.490,90
31.01.2019	21:00:00	15.824,03	15.273,23	23.057,79
31.01.2019	21:15:00	15.786,77	15.231,01	22.786,19
31.01.2019	21:30:00	16.796,64	16.253,75	23.686,92
31.01.2019	21:45:00	16.397,55	15.842,69	23.086,15
31.01.2019	22:00:00	15.949,38	15.385,30	22.402,41
31.01.2019	22:15:00	15.855,25	15.288,50	22.069,96
31.01.2019	22:30:00	15.529,71	14.956,48	21.479,48
31.01.2019	22:45:00	15.832,48	15.262,55	21.556,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.01.2019	23:00:00	15.887,70	15.320,58	21.514,95
31.01.2019	23:15:00	15.237,77	14.664,24	20.831,11
31.01.2019	23:30:00	14.770,30	14.192,30	20.117,84
31.01.2019	23:45:00	14.267,69	13.683,35	19.317,32
01.02.2019	00:00:00	13.691,06	13.101,18	18.707,52
01.02.2019	00:15:00	13.226,23	12.631,08	18.260,07
01.02.2019	00:30:00	12.858,42	12.258,44	17.683,68
01.02.2019	00:45:00	12.348,36	11.742,94	17.244,26
01.02.2019	01:00:00	12.119,80	11.510,26	17.133,67
01.02.2019	01:15:00	11.924,02	11.313,54	16.952,81
01.02.2019	01:30:00	11.706,27	11.089,84	16.720,06
01.02.2019	01:45:00	11.464,05	10.852,00	16.273,45
01.02.2019	02:00:00	11.141,69	10.529,06	15.930,53
01.02.2019	02:15:00	11.039,17	10.423,63	15.916,82
01.02.2019	02:30:00	11.027,76	10.415,59	15.897,33
01.02.2019	02:45:00	10.920,19	10.303,85	15.817,55
01.02.2019	03:00:00	10.880,69	10.266,34	15.666,67
01.02.2019	03:15:00	10.673,84	10.054,65	15.363,41
01.02.2019	03:30:00	10.580,59	9.961,44	15.371,04
01.02.2019	03:45:00	10.560,11	9.941,68	15.167,47
01.02.2019	04:00:00	10.323,35	9.697,59	14.840,52
01.02.2019	04:15:00	10.294,61	9.668,68	14.972,45
01.02.2019	04:30:00	10.399,00	9.775,01	15.003,10
01.02.2019	04:45:00	10.332,70	9.717,19	15.077,86
01.02.2019	05:00:00	10.495,31	9.883,59	15.642,89
01.02.2019	05:15:00	10.856,41	10.283,44	16.486,72
01.02.2019	05:30:00	10.771,93	10.215,84	16.741,24
01.02.2019	05:45:00	11.019,15	10.469,13	17.382,81
01.02.2019	06:00:00	11.377,92	10.834,99	18.320,08
01.02.2019	06:15:00	11.474,03	10.941,37	19.891,58
01.02.2019	06:30:00	11.686,57	11.163,83	20.877,27
01.02.2019	06:45:00	11.784,46	11.275,07	21.522,83
01.02.2019	07:00:00	12.171,84	11.675,19	22.744,70
01.02.2019	07:15:00	12.592,71	12.104,73	23.727,10
01.02.2019	07:30:00	13.163,18	12.696,67	24.733,89
01.02.2019	07:45:00	13.205,93	12.744,61	25.087,28
01.02.2019	08:00:00	13.524,93	13.055,34	25.988,60
01.02.2019	08:15:00	13.554,97	13.076,84	26.266,82
01.02.2019	08:30:00	13.583,31	13.113,80	26.260,62
01.02.2019	08:45:00	13.813,60	13.336,37	26.655,16
01.02.2019	09:00:00	14.065,27	13.533,77	27.016,90
01.02.2019	09:15:00	14.520,68	13.994,93	26.982,79
01.02.2019	09:30:00	14.533,52	13.946,31	26.946,78
01.02.2019	09:45:00	14.666,66	14.043,21	27.270,95
01.02.2019	10:00:00	14.590,13	13.824,19	27.273,66
01.02.2019	10:15:00	14.483,01	13.733,46	27.224,72
01.02.2019	10:30:00	14.554,43	13.875,81	27.436,82
01.02.2019	10:45:00	14.445,21	13.709,66	27.400,52
01.02.2019	11:00:00	14.528,64	13.640,97	27.537,62
01.02.2019	11:15:00	14.721,43	13.877,80	27.809,84
01.02.2019	11:30:00	14.885,60	14.016,90	27.838,30
01.02.2019	11:45:00	15.369,61	14.299,27	28.048,48
01.02.2019	12:00:00	15.341,82	14.081,23	27.458,57
01.02.2019	12:15:00	15.500,54	13.844,67	26.787,18
01.02.2019	12:30:00	16.117,34	14.850,93	27.176,15
01.02.2019	12:45:00	16.032,34	14.889,92	27.003,79
01.02.2019	13:00:00	15.648,67	14.419,92	26.445,58
01.02.2019	13:15:00	15.434,44	14.082,58	26.070,13
01.02.2019	13:30:00	15.057,50	13.530,59	25.359,41
01.02.2019	13:45:00	14.745,98	13.338,15	25.018,36
01.02.2019	14:00:00	14.444,75	13.121,21	24.607,46
01.02.2019	14:15:00	14.344,39	13.002,95	24.522,26
01.02.2019	14:30:00	14.094,85	12.812,91	24.183,18
01.02.2019	14:45:00	14.098,35	13.063,94	24.500,94
01.02.2019	15:00:00	13.947,67	12.921,03	24.232,07
01.02.2019	15:15:00	14.025,14	13.083,89	24.075,71
01.02.2019	15:30:00	13.918,78	13.034,57	23.794,30
01.02.2019	15:45:00	13.896,54	13.084,82	23.642,10
01.02.2019	16:00:00	14.030,82	13.312,85	23.503,89
01.02.2019	16:15:00	14.135,70	13.492,22	23.521,79
01.02.2019	16:30:00	14.529,09	13.931,53	23.855,93

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.02.2019	16:45:00	14.593,79	14.043,46	23.617,38
01.02.2019	17:00:00	14.876,32	14.362,41	23.715,91
01.02.2019	17:15:00	15.467,92	14.976,33	24.304,65
01.02.2019	17:30:00	16.067,74	15.574,72	24.750,64
01.02.2019	17:45:00	16.821,06	16.329,52	25.439,14
01.02.2019	18:00:00	17.111,77	16.620,25	25.312,50
01.02.2019	18:15:00	17.178,11	16.691,99	25.188,75
01.02.2019	18:30:00	16.963,32	16.471,19	24.792,34
01.02.2019	18:45:00	16.726,15	16.227,65	24.477,31
01.02.2019	19:00:00	16.655,02	16.148,74	24.264,61
01.02.2019	19:15:00	16.666,47	16.162,41	24.170,61
01.02.2019	19:30:00	16.742,98	16.218,75	24.121,50
01.02.2019	19:45:00	16.219,15	15.684,06	23.596,91
01.02.2019	20:00:00	16.021,84	15.484,62	23.105,99
01.02.2019	20:15:00	15.689,89	15.133,35	22.491,08
01.02.2019	20:30:00	15.197,19	14.630,69	21.840,12
01.02.2019	20:45:00	15.090,56	14.527,42	21.555,93
01.02.2019	21:00:00	14.989,90	14.429,52	21.217,11
01.02.2019	21:15:00	15.076,85	14.523,52	21.185,58
01.02.2019	21:30:00	16.185,08	15.641,92	22.200,95
01.02.2019	21:45:00	15.801,98	15.251,04	21.757,92
01.02.2019	22:00:00	15.406,43	14.851,57	21.360,96
01.02.2019	22:15:00	15.521,62	14.957,75	21.253,04
01.02.2019	22:30:00	15.825,89	15.258,49	21.368,92
01.02.2019	22:45:00	16.191,82	15.624,52	21.563,62
01.02.2019	23:00:00	16.245,27	15.674,21	21.501,37
01.02.2019	23:15:00	15.677,73	15.103,90	20.594,67
01.02.2019	23:30:00	15.050,21	14.475,25	19.873,76
01.02.2019	23:45:00	14.442,24	13.859,15	19.153,88
02.02.2019	00:00:00	14.025,51	13.441,27	18.688,26
02.02.2019	00:15:00	13.652,14	13.061,12	18.240,33
02.02.2019	00:30:00	13.154,17	12.560,62	17.587,18
02.02.2019	00:45:00	12.796,15	12.200,32	17.208,40
02.02.2019	01:00:00	12.440,56	11.842,11	16.956,60
02.02.2019	01:15:00	12.087,04	11.484,52	16.614,32
02.02.2019	01:30:00	11.902,89	11.297,86	16.365,09
02.02.2019	01:45:00	11.743,06	11.136,48	16.115,04
02.02.2019	02:00:00	11.633,97	11.032,63	15.839,41
02.02.2019	02:15:00	11.448,45	10.866,67	15.715,05
02.02.2019	02:30:00	11.317,20	10.720,62	15.616,26
02.02.2019	02:45:00	10.985,16	10.386,43	15.208,01
02.02.2019	03:00:00	10.831,59	10.226,14	14.832,23
02.02.2019	03:15:00	10.594,26	9.988,48	14.613,25
02.02.2019	03:30:00	10.599,19	9.989,43	14.540,68
02.02.2019	03:45:00	10.775,73	10.164,74	14.598,72
02.02.2019	04:00:00	10.800,78	10.189,21	14.623,70
02.02.2019	04:15:00	10.906,62	10.296,38	14.786,22
02.02.2019	04:30:00	10.822,65	10.212,11	14.557,12
02.02.2019	04:45:00	10.594,44	9.985,89	14.417,08
02.02.2019	05:00:00	10.643,89	10.038,13	14.626,36
02.02.2019	05:15:00	10.460,92	9.867,13	14.645,80
02.02.2019	05:30:00	10.099,18	9.518,01	14.432,03
02.02.2019	05:45:00	10.396,68	9.820,33	14.911,06
02.02.2019	06:00:00	10.473,70	9.901,32	15.112,19
02.02.2019	06:15:00	10.524,41	9.957,67	15.423,21
02.02.2019	06:30:00	10.465,27	9.911,97	15.636,24
02.02.2019	06:45:00	10.348,24	9.797,98	15.597,45
02.02.2019	07:00:00	10.331,46	9.786,39	15.732,00
02.02.2019	07:15:00	10.652,51	10.098,41	16.008,96
02.02.2019	07:30:00	10.918,00	10.362,24	16.396,68
02.02.2019	07:45:00	11.399,68	10.842,35	17.094,39
02.02.2019	08:00:00	11.664,16	11.120,57	17.485,48
02.02.2019	08:15:00	11.845,25	11.291,61	17.704,54
02.02.2019	08:30:00	11.824,55	11.219,17	17.482,37
02.02.2019	08:45:00	12.291,14	11.684,64	17.962,89
02.02.2019	09:00:00	12.665,71	12.063,73	18.412,31
02.02.2019	09:15:00	13.086,51	12.348,31	18.568,46
02.02.2019	09:30:00	13.342,86	12.470,58	18.551,51
02.02.2019	09:45:00	13.511,86	12.505,30	18.685,01
02.02.2019	10:00:00	13.684,65	12.589,27	18.790,40
02.02.2019	10:15:00	13.714,94	12.462,26	18.591,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.02.2019	10:30:00	14.039,84	12.827,00	19.037,94
02.02.2019	10:45:00	14.008,25	12.485,39	18.733,73
02.02.2019	11:00:00	13.755,61	10.763,49	16.762,56
02.02.2019	11:15:00	13.931,26	10.243,90	16.177,19
02.02.2019	11:30:00	15.214,26	11.083,06	17.062,29
02.02.2019	11:45:00	14.901,35	10.987,43	16.921,29
02.02.2019	12:00:00	14.679,03	12.273,60	18.162,38
02.02.2019	12:15:00	15.560,61	12.400,02	18.057,72
02.02.2019	12:30:00	16.382,51	12.180,45	17.637,03
02.02.2019	12:45:00	14.996,66	12.652,44	18.105,18
02.02.2019	13:00:00	15.425,45	13.194,24	18.747,64
02.02.2019	13:15:00	15.018,71	13.434,18	18.837,45
02.02.2019	13:30:00	15.721,98	14.046,55	19.465,79
02.02.2019	13:45:00	15.147,83	13.682,39	19.113,85
02.02.2019	14:00:00	15.162,27	13.215,83	18.519,06
02.02.2019	14:15:00	14.585,26	12.963,79	18.193,74
02.02.2019	14:30:00	14.360,78	12.509,49	17.598,88
02.02.2019	14:45:00	14.404,21	11.294,17	16.400,12
02.02.2019	15:00:00	14.512,57	11.337,41	16.383,12
02.02.2019	15:15:00	13.303,68	11.896,36	16.869,40
02.02.2019	15:30:00	13.266,88	12.188,56	17.184,60
02.02.2019	15:45:00	13.416,38	12.466,04	17.428,67
02.02.2019	16:00:00	13.324,69	12.431,46	17.390,62
02.02.2019	16:15:00	13.479,66	12.504,86	17.457,35
02.02.2019	16:30:00	13.196,57	12.189,88	17.063,49
02.02.2019	16:45:00	13.308,94	12.482,56	17.246,04
02.02.2019	17:00:00	13.713,33	13.111,52	17.943,98
02.02.2019	17:15:00	14.193,48	13.626,72	18.545,47
02.02.2019	17:30:00	14.562,17	14.017,11	18.890,46
02.02.2019	17:45:00	15.440,20	14.907,25	19.739,73
02.02.2019	18:00:00	16.207,17	15.675,48	20.568,75
02.02.2019	18:15:00	16.145,00	15.595,26	20.477,88
02.02.2019	18:30:00	16.018,61	15.468,58	20.333,05
02.02.2019	18:45:00	15.996,51	15.444,37	20.348,94
02.02.2019	19:00:00	15.575,93	15.022,93	19.883,79
02.02.2019	19:15:00	15.650,50	15.093,20	19.954,31
02.02.2019	19:30:00	15.575,16	15.017,50	19.759,34
02.02.2019	19:45:00	15.264,33	14.698,45	19.371,79
02.02.2019	20:00:00	15.208,08	14.642,84	19.300,02
02.02.2019	20:15:00	14.805,65	14.233,93	18.788,68
02.02.2019	20:30:00	14.564,98	13.992,96	18.409,88
02.02.2019	20:45:00	14.477,49	13.905,36	18.309,13
02.02.2019	21:00:00	14.079,22	13.516,12	17.934,78
02.02.2019	21:15:00	14.131,33	13.575,36	17.874,06
02.02.2019	21:30:00	15.128,06	14.573,42	18.837,50
02.02.2019	21:45:00	14.812,66	14.255,74	18.575,83
02.02.2019	22:00:00	14.488,86	13.933,81	18.262,43
02.02.2019	22:15:00	14.744,17	14.170,23	18.399,06
02.02.2019	22:30:00	14.813,97	14.240,59	18.486,38
02.02.2019	22:45:00	15.213,98	14.641,83	18.828,12
02.02.2019	23:00:00	15.306,09	14.733,79	18.902,84
02.02.2019	23:15:00	14.719,04	14.143,91	18.183,75
02.02.2019	23:30:00	14.071,49	13.487,01	17.506,30
02.02.2019	23:45:00	13.370,40	12.777,13	16.805,27
03.02.2019	00:00:00	12.941,01	12.354,43	16.341,53
03.02.2019	00:15:00	12.389,94	11.798,76	15.710,64
03.02.2019	00:30:00	11.850,51	11.255,97	15.005,76
03.02.2019	00:45:00	11.508,69	10.911,64	14.619,22
03.02.2019	01:00:00	11.129,40	10.541,08	14.292,77
03.02.2019	01:15:00	10.873,32	10.435,47	14.196,27
03.02.2019	01:30:00	10.685,45	10.280,70	13.991,76
03.02.2019	01:45:00	10.350,31	9.949,14	13.589,86
03.02.2019	02:00:00	10.284,92	9.884,05	13.515,63
03.02.2019	02:15:00	10.242,93	9.842,24	13.531,67
03.02.2019	02:30:00	10.191,89	9.803,84	13.611,66
03.02.2019	02:45:00	9.962,47	9.549,62	13.330,09
03.02.2019	03:00:00	9.890,94	9.472,20	13.185,45
03.02.2019	03:15:00	9.684,63	9.264,56	12.970,19
03.02.2019	03:30:00	9.603,16	8.990,62	12.670,84
03.02.2019	03:45:00	9.744,18	9.130,00	12.790,41
03.02.2019	04:00:00	9.821,12	9.206,30	12.825,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.02.2019	04:15:00	9.941,66	9.340,05	12.929,47
03.02.2019	04:30:00	10.057,57	9.438,62	13.028,28
03.02.2019	04:45:00	9.867,46	9.250,11	12.851,71
03.02.2019	05:00:00	9.967,66	9.375,57	12.985,96
03.02.2019	05:15:00	9.812,54	9.218,45	12.882,93
03.02.2019	05:30:00	9.324,24	8.694,35	12.393,00
03.02.2019	05:45:00	9.516,36	8.890,05	12.602,32
03.02.2019	06:00:00	9.559,69	8.955,49	12.663,28
03.02.2019	06:15:00	9.421,85	8.820,06	12.576,12
03.02.2019	06:30:00	9.219,89	8.612,03	12.424,68
03.02.2019	06:45:00	8.950,87	8.336,60	12.109,69
03.02.2019	07:00:00	8.797,27	8.183,77	12.045,47
03.02.2019	07:15:00	9.224,43	8.608,00	12.511,58
03.02.2019	07:30:00	9.422,20	8.819,18	12.710,08
03.02.2019	07:45:00	9.713,85	9.112,32	13.092,72
03.02.2019	08:00:00	10.113,94	9.512,84	13.557,81
03.02.2019	08:15:00	10.551,83	9.951,47	14.007,53
03.02.2019	08:30:00	10.274,59	9.669,19	13.690,33
03.02.2019	08:45:00	10.755,54	10.142,59	14.162,52
03.02.2019	09:00:00	11.368,30	10.746,46	14.748,37
03.02.2019	09:15:00	11.799,50	11.160,31	15.256,47
03.02.2019	09:30:00	12.387,43	11.721,81	15.821,78
03.02.2019	09:45:00	12.612,63	11.973,60	16.085,49
03.02.2019	10:00:00	12.939,66	12.288,25	16.459,22
03.02.2019	10:15:00	13.468,65	12.809,72	17.007,80
03.02.2019	10:30:00	13.972,99	13.259,14	17.487,75
03.02.2019	10:45:00	14.282,71	13.470,12	17.681,61
03.02.2019	11:00:00	14.397,72	13.632,54	17.789,88
03.02.2019	11:15:00	14.929,35	14.025,16	18.157,07
03.02.2019	11:30:00	15.411,74	14.553,58	18.725,65
03.02.2019	11:45:00	15.795,67	14.908,27	19.107,24
03.02.2019	12:00:00	15.722,24	14.801,48	18.992,18
03.02.2019	12:15:00	15.951,60	14.898,73	19.058,55
03.02.2019	12:30:00	16.593,66	15.585,88	19.738,54
03.02.2019	12:45:00	16.363,48	15.380,36	19.488,58
03.02.2019	13:00:00	16.091,85	15.175,00	19.286,06
03.02.2019	13:15:00	16.106,49	15.290,37	19.419,50
03.02.2019	13:30:00	16.823,11	16.044,84	20.196,75
03.02.2019	13:45:00	16.507,39	15.767,17	19.881,45
03.02.2019	14:00:00	16.226,14	15.213,02	19.285,92
03.02.2019	14:15:00	15.482,07	14.631,99	18.783,80
03.02.2019	14:30:00	15.282,73	14.469,47	18.650,00
03.02.2019	14:45:00	14.994,53	14.192,32	18.413,47
03.02.2019	15:00:00	14.769,79	14.021,06	18.220,91
03.02.2019	15:15:00	14.695,03	14.032,46	18.269,70
03.02.2019	15:30:00	14.622,09	13.942,46	18.143,96
03.02.2019	15:45:00	14.390,96	13.731,62	17.917,10
03.02.2019	16:00:00	14.200,48	13.490,98	17.667,68
03.02.2019	16:15:00	14.228,93	13.654,51	17.889,98
03.02.2019	16:30:00	14.261,23	13.694,69	17.860,49
03.02.2019	16:45:00	14.407,87	13.860,27	18.027,40
03.02.2019	17:00:00	14.618,34	14.080,92	18.258,90
03.02.2019	17:15:00	14.736,97	14.198,71	18.416,25
03.02.2019	17:30:00	14.947,07	14.394,72	18.635,46
03.02.2019	17:45:00	15.901,06	15.355,37	19.592,75
03.02.2019	18:00:00	15.994,53	15.439,22	19.685,52
03.02.2019	18:15:00	16.046,73	15.496,79	19.772,58
03.02.2019	18:30:00	16.314,38	15.764,64	19.983,75
03.02.2019	18:45:00	15.941,11	15.388,69	19.556,88
03.02.2019	19:00:00	15.899,54	15.343,29	19.620,20
03.02.2019	19:15:00	15.921,17	15.362,05	19.768,12
03.02.2019	19:30:00	16.144,62	15.582,56	19.910,48
03.02.2019	19:45:00	15.613,70	15.044,05	19.288,30
03.02.2019	20:00:00	15.461,52	14.889,96	19.006,30
03.02.2019	20:15:00	15.256,83	14.683,42	18.787,18
03.02.2019	20:30:00	15.155,08	14.584,60	18.609,27
03.02.2019	20:45:00	14.997,76	14.425,78	18.381,90
03.02.2019	21:00:00	14.445,24	13.868,48	17.818,95
03.02.2019	21:15:00	14.731,59	14.157,62	18.217,11
03.02.2019	21:30:00	15.701,18	15.131,38	19.142,10
03.02.2019	21:45:00	15.253,71	14.680,30	18.668,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.02.2019	22:00:00	14.914,96	14.338,86	18.472,67
03.02.2019	22:15:00	14.946,81	14.370,76	18.725,56
03.02.2019	22:30:00	14.834,38	14.261,52	18.573,15
03.02.2019	22:45:00	15.100,77	14.529,05	18.899,72
03.02.2019	23:00:00	15.034,67	14.459,59	18.901,94
03.02.2019	23:15:00	14.488,12	13.907,89	18.373,96
03.02.2019	23:30:00	14.109,22	13.525,26	17.908,71
03.02.2019	23:45:00	13.459,40	12.868,66	17.246,32
04.02.2019	00:00:00	13.030,51	12.436,79	16.796,98
04.02.2019	00:15:00	12.658,71	12.060,56	16.461,36
04.02.2019	00:30:00	12.443,72	11.842,14	16.306,88
04.02.2019	00:45:00	12.182,43	11.581,32	15.994,16
04.02.2019	01:00:00	11.845,06	11.238,87	15.697,81
04.02.2019	01:15:00	11.767,15	11.160,12	15.681,55
04.02.2019	01:30:00	11.638,31	11.033,48	15.479,86
04.02.2019	01:45:00	11.641,19	11.033,17	15.316,42
04.02.2019	02:00:00	11.487,34	10.876,08	15.154,69
04.02.2019	02:15:00	11.445,02	10.855,34	15.197,81
04.02.2019	02:30:00	11.403,46	10.995,55	15.457,28
04.02.2019	02:45:00	11.342,04	10.934,79	15.342,50
04.02.2019	03:00:00	11.278,97	10.873,24	15.343,56
04.02.2019	03:15:00	11.429,26	11.025,67	15.625,49
04.02.2019	03:30:00	11.317,08	10.910,90	15.532,72
04.02.2019	03:45:00	11.423,96	11.016,61	15.594,92
04.02.2019	04:00:00	11.510,30	10.901,39	15.432,64
04.02.2019	04:15:00	11.521,55	10.908,34	15.452,89
04.02.2019	04:30:00	11.445,93	10.832,60	15.366,93
04.02.2019	04:45:00	11.239,57	10.622,73	15.264,12
04.02.2019	05:00:00	11.486,35	10.875,33	15.692,56
04.02.2019	05:15:00	11.578,54	10.981,93	16.651,60
04.02.2019	05:30:00	11.054,77	10.500,89	16.480,00
04.02.2019	05:45:00	11.638,78	11.097,48	17.495,34
04.02.2019	06:00:00	12.018,68	11.478,11	18.801,63
04.02.2019	06:15:00	12.100,12	11.570,03	20.297,00
04.02.2019	06:30:00	12.004,32	11.480,58	21.118,35
04.02.2019	06:45:00	12.150,70	11.642,30	21.796,85
04.02.2019	07:00:00	12.413,33	11.923,45	22.930,67
04.02.2019	07:15:00	13.184,19	12.705,41	24.210,57
04.02.2019	07:30:00	13.518,83	13.038,02	25.023,67
04.02.2019	07:45:00	12.919,90	12.432,36	24.749,93
04.02.2019	08:00:00	12.844,03	12.361,87	25.344,63
04.02.2019	08:15:00	13.248,99	12.712,50	26.022,90
04.02.2019	08:30:00	13.177,91	12.548,01	25.762,46
04.02.2019	08:45:00	12.953,04	12.150,22	25.428,15
04.02.2019	09:00:00	13.255,75	12.220,24	25.267,79
04.02.2019	09:15:00	13.556,36	12.246,20	24.544,04
04.02.2019	09:30:00	13.374,78	11.743,86	24.162,74
04.02.2019	09:45:00	13.551,29	11.522,20	24.537,22
04.02.2019	10:00:00	13.595,40	11.140,82	24.420,50
04.02.2019	10:15:00	13.646,16	10.824,26	23.623,20
04.02.2019	10:30:00	13.662,32	10.540,94	23.434,16
04.02.2019	10:45:00	13.365,47	9.870,11	22.820,12
04.02.2019	11:00:00	13.294,16	9.505,61	22.597,49
04.02.2019	11:15:00	13.454,05	9.447,10	22.414,66
04.02.2019	11:30:00	13.783,34	9.632,54	22.696,57
04.02.2019	11:45:00	14.202,54	9.702,45	22.642,68
04.02.2019	12:00:00	14.300,88	9.639,47	22.267,23
04.02.2019	12:15:00	14.524,90	9.841,45	21.771,02
04.02.2019	12:30:00	15.102,36	10.194,79	21.658,06
04.02.2019	12:45:00	14.880,11	9.736,61	21.379,97
04.02.2019	13:00:00	14.709,73	9.680,56	21.462,01
04.02.2019	13:15:00	14.484,32	9.760,45	21.567,31
04.02.2019	13:30:00	14.387,84	9.395,27	21.497,26
04.02.2019	13:45:00	14.047,71	9.213,63	21.229,54
04.02.2019	14:00:00	13.710,53	10.049,94	22.268,74
04.02.2019	14:15:00	13.703,99	9.737,98	22.067,58
04.02.2019	14:30:00	13.822,48	9.924,10	22.041,50
04.02.2019	14:45:00	13.575,63	9.787,94	21.810,62
04.02.2019	15:00:00	13.314,85	9.584,86	21.336,76
04.02.2019	15:15:00	13.321,83	9.913,08	21.439,84
04.02.2019	15:30:00	12.391,26	10.050,83	21.280,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.02.2019	15:45:00	11.902,52	10.381,71	21.493,66
04.02.2019	16:00:00	12.059,79	10.713,99	21.647,64
04.02.2019	16:15:00	12.463,47	11.192,58	21.645,67
04.02.2019	16:30:00	12.986,60	12.004,95	22.131,83
04.02.2019	16:45:00	13.461,46	12.754,81	22.991,68
04.02.2019	17:00:00	13.875,68	13.261,36	23.293,49
04.02.2019	17:15:00	14.312,26	13.757,93	23.494,17
04.02.2019	17:30:00	14.716,78	14.207,58	23.651,63
04.02.2019	17:45:00	15.677,44	15.184,69	24.606,64
04.02.2019	18:00:00	16.766,67	16.283,49	25.464,66
04.02.2019	18:15:00	17.071,99	16.589,77	25.419,90
04.02.2019	18:30:00	16.961,76	16.473,76	25.005,65
04.02.2019	18:45:00	16.847,31	16.355,82	24.852,56
04.02.2019	19:00:00	16.910,10	16.409,40	24.724,44
04.02.2019	19:15:00	16.958,22	16.456,22	24.799,03
04.02.2019	19:30:00	16.864,55	16.346,91	24.696,86
04.02.2019	19:45:00	16.689,03	16.157,33	24.403,37
04.02.2019	20:00:00	16.438,01	15.900,18	24.012,62
04.02.2019	20:15:00	16.163,79	15.608,97	23.612,14
04.02.2019	20:30:00	16.200,55	15.641,77	23.445,77
04.02.2019	20:45:00	16.126,88	15.566,04	23.317,51
04.02.2019	21:00:00	15.540,55	14.981,50	22.664,87
04.02.2019	21:15:00	15.383,95	14.822,62	22.274,26
04.02.2019	21:30:00	16.751,65	16.189,33	23.749,20
04.02.2019	21:45:00	16.260,79	15.691,92	23.034,62
04.02.2019	22:00:00	15.853,80	15.281,90	22.342,10
04.02.2019	22:15:00	15.570,72	14.997,25	21.732,04
04.02.2019	22:30:00	15.498,59	14.920,58	21.357,73
04.02.2019	22:45:00	15.857,40	15.283,25	21.511,71
04.02.2019	23:00:00	15.893,44	15.316,40	21.327,76
04.02.2019	23:15:00	15.407,50	14.827,61	20.767,83
04.02.2019	23:30:00	14.914,21	14.331,28	20.096,98
04.02.2019	23:45:00	14.401,71	13.818,30	19.418,52
05.02.2019	00:00:00	13.924,96	13.336,03	18.831,77
05.02.2019	00:15:00	13.441,62	12.848,00	18.342,63
05.02.2019	00:30:00	13.159,18	12.562,38	18.060,59
05.02.2019	00:45:00	12.811,55	12.209,82	17.703,06
05.02.2019	01:00:00	12.450,29	11.845,97	17.466,11
05.02.2019	01:15:00	12.580,59	11.976,52	17.564,34
05.02.2019	01:30:00	12.394,61	11.787,87	17.321,74
05.02.2019	01:45:00	12.310,40	11.701,95	17.078,78
05.02.2019	02:00:00	11.959,86	11.349,05	16.751,43
05.02.2019	02:15:00	11.918,69	11.311,50	16.656,31
05.02.2019	02:30:00	11.924,67	11.313,43	16.580,88
05.02.2019	02:45:00	11.946,92	11.336,94	16.587,73
05.02.2019	03:00:00	11.829,19	11.216,87	16.435,96
05.02.2019	03:15:00	11.602,48	10.987,22	16.273,38
05.02.2019	03:30:00	11.599,76	10.985,79	16.238,60
05.02.2019	03:45:00	11.486,47	10.873,25	16.227,04
05.02.2019	04:00:00	11.533,65	10.920,01	16.231,25
05.02.2019	04:15:00	11.687,32	11.071,84	16.466,12
05.02.2019	04:30:00	11.797,90	11.183,82	16.507,36
05.02.2019	04:45:00	11.621,82	11.008,45	16.497,54
05.02.2019	05:00:00	11.766,32	11.158,51	16.843,62
05.02.2019	05:15:00	11.752,09	11.158,04	17.520,18
05.02.2019	05:30:00	11.504,54	10.936,84	17.516,35
05.02.2019	05:45:00	11.930,44	11.381,58	18.436,45
05.02.2019	06:00:00	12.438,47	11.899,16	19.616,67
05.02.2019	06:15:00	12.504,40	11.967,24	21.005,33
05.02.2019	06:30:00	12.560,14	12.034,80	22.096,94
05.02.2019	06:45:00	12.533,01	12.012,67	22.750,18
05.02.2019	07:00:00	12.846,42	12.352,59	23.919,97
05.02.2019	07:15:00	13.441,69	12.962,46	24.874,39
05.02.2019	07:30:00	13.584,47	13.107,30	25.595,80
05.02.2019	07:45:00	13.187,58	12.701,23	25.284,33
05.02.2019	08:00:00	13.137,61	12.650,05	25.828,59
05.02.2019	08:15:00	13.250,45	12.687,36	26.122,98
05.02.2019	08:30:00	13.155,05	12.503,81	26.026,23
05.02.2019	08:45:00	13.031,31	12.210,14	25.651,17
05.02.2019	09:00:00	13.176,12	12.126,87	25.637,92
05.02.2019	09:15:00	13.765,49	12.454,15	25.202,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.02.2019	09:30:00	13.753,12	12.139,70	24.721,40
05.02.2019	09:45:00	13.710,49	11.710,62	24.702,50
05.02.2019	10:00:00	13.464,66	11.015,20	24.233,76
05.02.2019	10:15:00	13.619,69	10.754,89	23.970,67
05.02.2019	10:30:00	13.763,19	10.552,06	23.939,19
05.02.2019	10:45:00	13.525,12	9.980,77	23.229,70
05.02.2019	11:00:00	13.496,53	9.653,78	23.090,66
05.02.2019	11:15:00	13.561,96	9.435,79	22.673,79
05.02.2019	11:30:00	13.700,97	9.326,02	22.482,92
05.02.2019	11:45:00	13.963,44	9.405,95	22.346,78
05.02.2019	12:00:00	14.131,38	9.418,81	22.141,21
05.02.2019	12:15:00	14.710,27	9.907,04	22.230,16
05.02.2019	12:30:00	15.336,72	10.401,10	22.329,75
05.02.2019	12:45:00	14.796,75	9.736,65	21.894,46
05.02.2019	13:00:00	14.545,39	9.486,61	21.791,59
05.02.2019	13:15:00	14.369,85	9.301,02	21.665,17
05.02.2019	13:30:00	14.164,21	9.091,27	21.427,67
05.02.2019	13:45:00	13.922,01	8.951,58	21.452,28
05.02.2019	14:00:00	13.689,67	8.886,97	21.278,26
05.02.2019	14:15:00	13.711,17	8.830,38	21.191,28
05.02.2019	14:30:00	13.567,06	8.836,53	21.142,22
05.02.2019	14:45:00	13.449,97	8.863,84	21.071,27
05.02.2019	15:00:00	13.496,56	9.178,55	21.481,12
05.02.2019	15:15:00	13.070,39	9.504,60	21.377,49
05.02.2019	15:30:00	12.522,88	10.057,62	21.945,38
05.02.2019	15:45:00	12.015,22	10.420,88	22.005,22
05.02.2019	16:00:00	12.007,58	10.754,76	22.013,00
05.02.2019	16:15:00	12.543,89	11.527,35	22.430,70
05.02.2019	16:30:00	12.741,10	11.757,43	22.539,44
05.02.2019	16:45:00	13.297,73	12.625,91	23.249,20
05.02.2019	17:00:00	13.759,29	13.204,38	23.749,82
05.02.2019	17:15:00	14.316,87	13.790,87	24.004,89
05.02.2019	17:30:00	14.538,69	14.017,41	23.969,80
05.02.2019	17:45:00	15.218,17	14.739,04	24.608,02
05.02.2019	18:00:00	16.557,03	16.096,15	25.925,83
05.02.2019	18:15:00	17.326,48	16.876,42	26.400,25
05.02.2019	18:30:00	17.239,57	16.829,76	26.035,82
05.02.2019	18:45:00	16.887,84	16.462,72	25.397,18
05.02.2019	19:00:00	16.764,56	16.287,03	25.170,34
05.02.2019	19:15:00	16.900,54	16.421,25	25.228,83
05.02.2019	19:30:00	16.968,76	16.464,21	25.371,26
05.02.2019	19:45:00	16.790,73	16.273,10	24.913,09
05.02.2019	20:00:00	16.590,67	16.062,81	24.426,59
05.02.2019	20:15:00	16.220,95	15.675,86	23.791,91
05.02.2019	20:30:00	16.376,09	15.823,88	23.866,95
05.02.2019	20:45:00	16.418,66	15.869,91	23.736,17
05.02.2019	21:00:00	15.792,80	15.235,00	23.147,21
05.02.2019	21:15:00	15.921,61	15.362,82	23.124,32
05.02.2019	21:30:00	17.000,61	16.450,42	24.152,49
05.02.2019	21:45:00	16.365,91	15.800,66	23.133,66
05.02.2019	22:00:00	15.890,51	15.325,29	22.409,39
05.02.2019	22:15:00	15.862,41	15.295,28	22.274,88
05.02.2019	22:30:00	15.853,02	15.279,40	22.108,31
05.02.2019	22:45:00	16.159,93	15.590,17	22.046,30
05.02.2019	23:00:00	16.215,64	15.648,37	21.974,34
05.02.2019	23:15:00	15.590,48	15.022,30	21.167,27
05.02.2019	23:30:00	15.435,52	14.864,20	20.936,44
05.02.2019	23:45:00	14.883,55	14.308,59	20.241,58
06.02.2019	00:00:00	14.486,18	13.905,43	19.667,86
06.02.2019	00:15:00	13.767,81	13.175,41	18.884,71
06.02.2019	00:30:00	13.473,67	12.878,15	18.567,48
06.02.2019	00:45:00	13.206,07	12.611,61	18.377,66
06.02.2019	01:00:00	12.943,69	12.341,52	18.055,60
06.02.2019	01:15:00	12.752,96	12.148,56	17.869,62
06.02.2019	01:30:00	12.723,07	12.118,58	17.779,34
06.02.2019	01:45:00	12.617,69	12.015,08	17.548,82
06.02.2019	02:00:00	12.358,96	11.757,08	17.296,39
06.02.2019	02:15:00	12.432,86	11.827,59	17.295,45
06.02.2019	02:30:00	12.301,65	11.701,69	17.160,59
06.02.2019	02:45:00	12.131,44	11.526,21	16.925,12
06.02.2019	03:00:00	12.120,03	11.516,40	16.996,29

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.02.2019	03:15:00	11.887,26	11.280,73	16.795,81
06.02.2019	03:30:00	11.649,98	11.043,01	16.597,06
06.02.2019	03:45:00	11.677,05	11.068,08	16.655,40
06.02.2019	04:00:00	11.711,22	11.106,79	16.655,40
06.02.2019	04:15:00	11.821,25	11.214,09	16.817,79
06.02.2019	04:30:00	11.894,31	11.288,51	16.893,98
06.02.2019	04:45:00	11.680,88	11.071,26	16.725,65
06.02.2019	05:00:00	11.907,67	11.312,52	17.328,64
06.02.2019	05:15:00	11.892,07	11.314,50	18.024,34
06.02.2019	05:30:00	11.551,52	11.004,62	17.765,61
06.02.2019	05:45:00	12.125,62	11.577,65	18.739,26
06.02.2019	06:00:00	12.466,64	11.921,19	19.750,86
06.02.2019	06:15:00	12.572,48	12.037,57	21.323,95
06.02.2019	06:30:00	12.523,02	12.005,82	22.083,99
06.02.2019	06:45:00	12.590,65	12.073,45	22.971,98
06.02.2019	07:00:00	12.885,05	12.392,53	23.984,60
06.02.2019	07:15:00	13.642,96	13.159,50	25.561,32
06.02.2019	07:30:00	13.771,82	13.297,59	26.221,40
06.02.2019	07:45:00	13.189,91	12.715,43	25.695,64
06.02.2019	08:00:00	13.457,01	12.947,30	26.459,19
06.02.2019	08:15:00	13.540,82	12.960,00	26.913,32
06.02.2019	08:30:00	13.244,85	12.533,70	26.620,80
06.02.2019	08:45:00	13.088,41	12.219,72	26.191,55
06.02.2019	09:00:00	13.325,22	12.283,13	26.100,39
06.02.2019	09:15:00	13.815,69	12.486,79	25.961,80
06.02.2019	09:30:00	13.766,02	12.395,52	25.525,61
06.02.2019	09:45:00	13.761,33	11.962,92	25.643,43
06.02.2019	10:00:00	13.642,72	11.161,11	24.815,62
06.02.2019	10:15:00	13.928,79	11.165,22	24.599,33
06.02.2019	10:30:00	13.855,99	10.794,43	24.394,06
06.02.2019	10:45:00	13.719,32	10.210,57	23.963,81
06.02.2019	11:00:00	13.748,12	10.227,09	23.766,36
06.02.2019	11:15:00	13.787,49	10.445,59	24.001,77
06.02.2019	11:30:00	13.903,66	10.145,14	23.641,80
06.02.2019	11:45:00	14.257,59	10.212,12	23.387,91
06.02.2019	12:00:00	14.395,39	10.255,00	23.216,71
06.02.2019	12:15:00	14.897,76	11.423,04	24.003,51
06.02.2019	12:30:00	15.406,68	11.163,65	23.341,82
06.02.2019	12:45:00	15.050,90	10.550,35	22.929,18
06.02.2019	13:00:00	14.982,85	10.170,92	22.748,32
06.02.2019	13:15:00	14.690,54	9.349,93	21.980,35
06.02.2019	13:30:00	14.555,99	9.349,40	22.265,60
06.02.2019	13:45:00	14.353,61	9.269,75	22.121,72
06.02.2019	14:00:00	14.132,45	9.178,35	21.979,91
06.02.2019	14:15:00	14.120,55	9.295,84	22.279,18
06.02.2019	14:30:00	13.983,86	9.361,69	22.036,78
06.02.2019	14:45:00	13.928,51	9.381,29	21.780,10
06.02.2019	15:00:00	13.713,93	9.477,52	21.793,10
06.02.2019	15:15:00	13.311,77	9.789,56	21.802,78
06.02.2019	15:30:00	12.854,92	10.288,63	21.883,87
06.02.2019	15:45:00	12.196,90	10.502,74	22.044,02
06.02.2019	16:00:00	12.194,21	10.837,33	22.088,57
06.02.2019	16:15:00	12.462,52	11.257,98	21.931,51
06.02.2019	16:30:00	12.854,11	11.736,43	22.179,70
06.02.2019	16:45:00	13.342,47	12.416,64	22.855,00
06.02.2019	17:00:00	13.680,14	12.911,10	23.130,14
06.02.2019	17:15:00	14.052,03	13.476,50	23.365,19
06.02.2019	17:30:00	14.436,14	13.958,33	23.623,07
06.02.2019	17:45:00	15.318,90	14.905,52	24.453,80
06.02.2019	18:00:00	16.492,98	16.088,56	25.713,42
06.02.2019	18:15:00	17.024,00	16.619,53	26.027,71
06.02.2019	18:30:00	17.063,44	16.654,07	25.712,06
06.02.2019	18:45:00	16.993,43	16.574,50	25.387,17
06.02.2019	19:00:00	16.933,52	16.475,17	25.218,89
06.02.2019	19:15:00	17.033,91	16.528,17	25.278,56
06.02.2019	19:30:00	16.949,03	16.425,93	24.983,53
06.02.2019	19:45:00	16.797,71	16.265,27	24.689,78
06.02.2019	20:00:00	16.602,99	16.066,20	24.428,64
06.02.2019	20:15:00	16.235,01	15.684,77	23.984,25
06.02.2019	20:30:00	16.419,84	15.867,69	23.873,08
06.02.2019	20:45:00	16.298,34	15.742,11	23.540,97

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.02.2019	21:00:00	16.175,27	15.609,36	23.335,44
06.02.2019	21:15:00	15.999,43	15.431,43	23.139,21
06.02.2019	21:30:00	16.987,23	16.425,86	24.125,14
06.02.2019	21:45:00	16.470,04	15.901,50	23.351,01
06.02.2019	22:00:00	15.950,43	15.377,66	22.543,50
06.02.2019	22:15:00	15.971,58	15.400,08	22.223,80
06.02.2019	22:30:00	15.827,39	15.252,82	22.112,62
06.02.2019	22:45:00	16.246,41	15.677,04	22.203,38
06.02.2019	23:00:00	16.198,38	15.621,77	21.869,34
06.02.2019	23:15:00	15.736,84	15.158,52	21.210,74
06.02.2019	23:30:00	15.284,77	14.705,77	20.658,67
06.02.2019	23:45:00	14.807,09	14.220,36	20.089,17
07.02.2019	00:00:00	14.419,72	13.827,98	19.586,08
07.02.2019	00:15:00	13.771,79	13.173,95	18.888,60
07.02.2019	00:30:00	13.511,91	12.913,49	18.610,64
07.02.2019	00:45:00	13.105,40	12.502,14	18.122,63
07.02.2019	01:00:00	12.972,83	12.363,36	17.992,31
07.02.2019	01:15:00	12.896,64	12.289,84	17.926,00
07.02.2019	01:30:00	12.835,50	12.226,79	17.719,58
07.02.2019	01:45:00	12.560,14	11.948,97	17.499,45
07.02.2019	02:00:00	12.225,15	11.614,70	17.148,64
07.02.2019	02:15:00	12.272,30	11.660,96	17.085,18
07.02.2019	02:30:00	12.129,44	11.516,26	16.954,45
07.02.2019	02:45:00	11.936,22	11.320,47	16.655,01
07.02.2019	03:00:00	12.026,14	11.415,65	16.752,56
07.02.2019	03:15:00	11.773,76	11.157,31	16.540,04
07.02.2019	03:30:00	11.602,38	10.984,27	16.435,62
07.02.2019	03:45:00	11.664,02	11.042,00	16.462,67
07.02.2019	04:00:00	11.596,64	10.973,49	16.362,58
07.02.2019	04:15:00	11.699,57	11.085,20	16.609,49
07.02.2019	04:30:00	11.718,61	11.101,46	16.675,34
07.02.2019	04:45:00	11.453,95	10.831,22	16.422,26
07.02.2019	05:00:00	11.485,76	10.869,72	16.941,76
07.02.2019	05:15:00	11.686,32	11.088,75	17.618,93
07.02.2019	05:30:00	11.587,71	11.020,35	17.618,68
07.02.2019	05:45:00	11.946,70	11.384,52	18.533,76
07.02.2019	06:00:00	12.171,83	11.609,37	19.495,22
07.02.2019	06:15:00	12.317,25	11.771,55	21.060,34
07.02.2019	06:30:00	12.378,87	11.859,13	21.747,66
07.02.2019	06:45:00	12.475,25	11.965,05	22.610,06
07.02.2019	07:00:00	12.720,97	12.234,50	23.547,05
07.02.2019	07:15:00	13.239,02	12.760,05	24.634,46
07.02.2019	07:30:00	13.651,37	13.176,78	25.751,24
07.02.2019	07:45:00	13.191,18	12.712,00	25.630,00
07.02.2019	08:00:00	13.350,79	12.868,26	26.011,01
07.02.2019	08:15:00	13.484,44	12.952,85	26.412,88
07.02.2019	08:30:00	13.587,29	13.024,62	26.365,71
07.02.2019	08:45:00	13.635,25	13.008,17	26.517,27
07.02.2019	09:00:00	13.841,38	13.084,47	26.881,21
07.02.2019	09:15:00	14.608,27	13.733,11	26.733,38
07.02.2019	09:30:00	14.505,25	13.534,03	26.483,24
07.02.2019	09:45:00	14.521,58	13.446,55	26.950,10
07.02.2019	10:00:00	14.631,02	13.490,71	27.253,58
07.02.2019	10:15:00	14.546,01	13.222,88	26.757,38
07.02.2019	10:30:00	14.700,35	13.349,41	27.091,06
07.02.2019	10:45:00	14.407,30	13.087,30	26.983,58
07.02.2019	11:00:00	14.322,52	13.240,63	26.957,92
07.02.2019	11:15:00	14.513,72	13.636,33	27.289,85
07.02.2019	11:30:00	14.797,11	13.930,92	27.888,79
07.02.2019	11:45:00	15.114,60	14.344,97	28.142,06
07.02.2019	12:00:00	15.397,01	14.685,27	28.331,61
07.02.2019	12:15:00	16.022,06	15.244,67	28.297,45
07.02.2019	12:30:00	16.762,28	15.910,66	28.375,02
07.02.2019	12:45:00	16.397,12	15.611,29	28.297,81
07.02.2019	13:00:00	16.130,64	15.222,92	28.076,47
07.02.2019	13:15:00	15.817,54	14.995,01	28.026,39
07.02.2019	13:30:00	15.697,85	14.798,32	28.147,80
07.02.2019	13:45:00	15.397,88	14.394,48	27.444,39
07.02.2019	14:00:00	15.234,64	14.222,24	27.420,98
07.02.2019	14:15:00	14.979,00	13.856,80	26.807,96
07.02.2019	14:30:00	14.572,91	13.484,39	26.416,70

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.02.2019	14:45:00	14.525,17	13.561,51	26.261,59
07.02.2019	15:00:00	14.453,98	13.271,85	25.659,76
07.02.2019	15:15:00	14.511,27	12.976,72	24.905,26
07.02.2019	15:30:00	14.346,62	12.984,71	24.782,31
07.02.2019	15:45:00	14.104,31	12.733,11	24.188,04
07.02.2019	16:00:00	13.778,73	12.788,13	23.963,30
07.02.2019	16:15:00	14.069,19	13.265,10	24.097,18
07.02.2019	16:30:00	14.462,57	13.914,75	24.536,99
07.02.2019	16:45:00	14.926,17	14.445,21	24.812,80
07.02.2019	17:00:00	15.075,79	14.609,77	24.781,07
07.02.2019	17:15:00	15.582,83	15.118,77	25.080,78
07.02.2019	17:30:00	15.720,95	15.252,93	25.033,13
07.02.2019	17:45:00	16.217,77	15.773,86	25.299,98
07.02.2019	18:00:00	17.367,56	16.936,24	26.396,77
07.02.2019	18:15:00	17.407,44	16.961,54	26.059,32
07.02.2019	18:30:00	17.327,04	16.877,31	25.631,23
07.02.2019	18:45:00	17.198,51	16.736,98	25.456,05
07.02.2019	19:00:00	17.145,22	16.668,43	25.116,65
07.02.2019	19:15:00	17.250,19	16.767,81	25.294,92
07.02.2019	19:30:00	17.052,12	16.539,61	24.924,36
07.02.2019	19:45:00	16.655,67	16.134,26	24.203,24
07.02.2019	20:00:00	16.343,92	15.813,37	23.889,35
07.02.2019	20:15:00	16.095,98	15.553,58	23.481,83
07.02.2019	20:30:00	16.145,88	15.601,44	23.460,52
07.02.2019	20:45:00	16.034,18	15.494,29	23.248,93
07.02.2019	21:00:00	15.675,16	15.125,85	22.801,57
07.02.2019	21:15:00	15.728,20	15.175,50	22.600,19
07.02.2019	21:30:00	16.659,34	16.117,37	23.516,92
07.02.2019	21:45:00	16.364,94	15.818,35	22.996,64
07.02.2019	22:00:00	15.799,17	15.231,40	22.276,14
07.02.2019	22:15:00	15.656,63	15.092,29	21.858,57
07.02.2019	22:30:00	15.525,35	14.956,48	21.440,98
07.02.2019	22:45:00	15.852,19	15.284,25	21.636,14
07.02.2019	23:00:00	15.850,56	15.279,01	21.467,29
07.02.2019	23:15:00	15.257,67	14.682,53	20.682,10
07.02.2019	23:30:00	14.759,13	14.178,77	20.038,74
07.02.2019	23:45:00	14.076,67	13.488,37	19.221,22
08.02.2019	00:00:00	13.627,41	13.034,66	18.634,82
08.02.2019	00:15:00	13.182,75	12.585,03	18.102,03
08.02.2019	00:30:00	12.764,89	12.163,70	17.785,26
08.02.2019	00:45:00	12.428,76	11.826,06	17.373,93
08.02.2019	01:00:00	12.210,78	11.602,05	17.178,54
08.02.2019	01:15:00	11.958,84	11.350,07	16.898,86
08.02.2019	01:30:00	11.687,53	11.075,22	16.727,85
08.02.2019	01:45:00	11.534,70	10.923,28	16.469,23
08.02.2019	02:00:00	11.388,85	10.780,52	16.326,15
08.02.2019	02:15:00	11.203,70	10.591,36	16.175,39
08.02.2019	02:30:00	10.982,67	10.364,37	15.981,00
08.02.2019	02:45:00	10.907,00	10.288,46	15.825,25
08.02.2019	03:00:00	10.897,08	10.281,21	15.837,55
08.02.2019	03:15:00	10.673,99	10.054,86	15.573,24
08.02.2019	03:30:00	10.452,52	9.828,55	15.278,95
08.02.2019	03:45:00	10.580,06	9.956,64	15.483,43
08.02.2019	04:00:00	10.519,94	9.891,96	15.265,20
08.02.2019	04:15:00	10.529,54	9.907,30	15.421,38
08.02.2019	04:30:00	10.643,32	10.024,66	15.625,09
08.02.2019	04:45:00	10.641,85	10.026,48	15.729,12
08.02.2019	05:00:00	10.787,30	10.181,15	16.085,92
08.02.2019	05:15:00	11.028,98	10.447,28	16.666,39
08.02.2019	05:30:00	10.914,97	10.349,15	16.767,35
08.02.2019	05:45:00	11.423,27	10.864,17	17.661,08
08.02.2019	06:00:00	11.648,58	11.144,66	18.418,05
08.02.2019	06:15:00	11.651,64	11.172,97	20.065,83
08.02.2019	06:30:00	11.832,43	11.377,50	21.102,92
08.02.2019	06:45:00	11.956,51	11.507,13	21.924,54
08.02.2019	07:00:00	12.248,02	11.817,14	22.970,18
08.02.2019	07:15:00	12.936,22	12.505,51	24.058,29
08.02.2019	07:30:00	13.312,32	12.898,82	25.103,09
08.02.2019	07:45:00	12.889,95	12.462,59	25.047,33
08.02.2019	08:00:00	12.998,64	12.528,09	25.381,83
08.02.2019	08:15:00	12.933,39	12.344,85	25.458,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.02.2019	08:30:00	12.925,42	12.238,97	25.231,78
08.02.2019	08:45:00	12.980,08	12.199,61	25.185,66
08.02.2019	09:00:00	13.221,14	12.278,39	25.286,98
08.02.2019	09:15:00	13.546,09	12.336,62	24.615,58
08.02.2019	09:30:00	13.233,91	11.377,21	23.462,98
08.02.2019	09:45:00	13.468,90	11.442,16	24.120,71
08.02.2019	10:00:00	13.531,65	11.495,76	24.406,72
08.02.2019	10:15:00	13.500,41	10.861,23	23.659,49
08.02.2019	10:30:00	13.423,22	10.513,57	23.410,46
08.02.2019	10:45:00	13.181,50	9.894,04	22.900,64
08.02.2019	11:00:00	13.409,85	9.966,81	22.689,42
08.02.2019	11:15:00	13.661,73	9.812,28	22.652,00
08.02.2019	11:30:00	13.784,87	9.653,76	22.322,16
08.02.2019	11:45:00	14.078,74	9.717,31	22.263,18
08.02.2019	12:00:00	14.231,30	9.656,50	21.795,31
08.02.2019	12:15:00	14.485,84	9.695,77	21.271,22
08.02.2019	12:30:00	14.690,87	10.235,05	21.428,19
08.02.2019	12:45:00	14.568,43	10.564,44	21.729,82
08.02.2019	13:00:00	14.394,19	10.473,26	21.580,57
08.02.2019	13:15:00	14.180,14	9.569,10	20.638,05
08.02.2019	13:30:00	13.928,96	9.960,34	21.138,88
08.02.2019	13:45:00	13.878,43	10.248,03	21.169,31
08.02.2019	14:00:00	13.560,42	10.526,93	21.630,69
08.02.2019	14:15:00	13.413,42	10.754,40	21.884,58
08.02.2019	14:30:00	13.175,30	10.486,56	21.602,87
08.02.2019	14:45:00	12.895,07	11.032,27	21.838,63
08.02.2019	15:00:00	13.021,85	10.698,85	21.422,48
08.02.2019	15:15:00	13.173,17	10.140,75	20.524,33
08.02.2019	15:30:00	12.842,06	10.715,16	20.926,22
08.02.2019	15:45:00	12.665,30	10.659,77	20.497,26
08.02.2019	16:00:00	12.255,49	10.580,63	20.169,54
08.02.2019	16:15:00	12.595,00	11.106,10	20.445,48
08.02.2019	16:30:00	13.035,18	11.876,15	21.109,87
08.02.2019	16:45:00	13.280,48	12.372,69	21.583,48
08.02.2019	17:00:00	13.461,22	12.728,85	21.618,75
08.02.2019	17:15:00	13.923,09	13.304,22	22.228,05
08.02.2019	17:30:00	14.553,77	14.017,17	22.862,35
08.02.2019	17:45:00	15.282,83	14.771,54	23.441,78
08.02.2019	18:00:00	16.122,49	15.619,41	24.260,83
08.02.2019	18:15:00	16.445,36	15.943,38	24.211,48
08.02.2019	18:30:00	16.447,39	15.942,34	24.000,76
08.02.2019	18:45:00	16.408,48	15.899,47	23.922,39
08.02.2019	19:00:00	16.169,09	15.658,03	23.719,21
08.02.2019	19:15:00	16.157,51	15.642,64	23.673,31
08.02.2019	19:30:00	16.022,97	15.489,38	23.336,24
08.02.2019	19:45:00	15.902,59	15.365,01	23.080,21
08.02.2019	20:00:00	15.791,23	15.250,05	22.778,47
08.02.2019	20:15:00	15.361,07	14.796,30	22.268,28
08.02.2019	20:30:00	14.946,64	14.394,28	21.636,30
08.02.2019	20:45:00	14.836,10	14.278,58	21.345,72
08.02.2019	21:00:00	14.500,89	13.945,24	20.893,34
08.02.2019	21:15:00	14.547,93	13.987,42	20.612,74
08.02.2019	21:30:00	15.776,56	15.227,50	21.891,09
08.02.2019	21:45:00	15.507,26	14.956,48	21.577,90
08.02.2019	22:00:00	15.032,09	14.471,39	20.925,90
08.02.2019	22:15:00	15.152,29	14.582,61	20.507,43
08.02.2019	22:30:00	15.219,31	14.653,52	20.617,41
08.02.2019	22:45:00	15.670,07	15.103,10	20.724,08
08.02.2019	23:00:00	15.764,04	15.192,26	20.651,55
08.02.2019	23:15:00	15.129,99	14.550,44	19.938,37
08.02.2019	23:30:00	14.667,17	14.084,07	19.384,58
08.02.2019	23:45:00	14.063,15	13.475,66	18.751,78
09.02.2019	00:00:00	13.572,36	12.980,41	18.221,67
09.02.2019	00:15:00	13.239,90	12.642,56	17.841,65
09.02.2019	00:30:00	12.727,95	12.126,07	17.341,42
09.02.2019	00:45:00	12.226,52	11.618,62	16.727,11
09.02.2019	01:00:00	12.127,52	11.525,03	16.620,24
09.02.2019	01:15:00	11.914,14	11.305,18	16.495,44
09.02.2019	01:30:00	11.760,14	11.148,21	16.222,80
09.02.2019	01:45:00	11.513,93	10.904,43	15.907,14
09.02.2019	02:00:00	11.396,29	10.787,07	15.765,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.02.2019	02:15:00	11.182,62	10.566,72	15.502,58
09.02.2019	02:30:00	11.080,70	10.460,79	15.233,59
09.02.2019	02:45:00	11.117,14	10.500,44	15.218,90
09.02.2019	03:00:00	10.982,32	10.360,66	14.969,27
09.02.2019	03:15:00	10.630,33	10.009,74	14.643,79
09.02.2019	03:30:00	10.347,92	9.723,79	14.264,64
09.02.2019	03:45:00	10.329,68	9.706,18	14.333,49
09.02.2019	04:00:00	10.424,68	9.800,98	14.273,70
09.02.2019	04:15:00	10.446,86	9.819,65	14.371,90
09.02.2019	04:30:00	10.316,15	9.687,84	14.249,26
09.02.2019	04:45:00	10.094,34	9.467,22	14.078,19
09.02.2019	05:00:00	10.154,27	9.542,77	14.212,70
09.02.2019	05:15:00	10.086,24	9.488,81	14.396,93
09.02.2019	05:30:00	9.668,46	9.084,90	14.048,42
09.02.2019	05:45:00	9.685,34	9.101,47	14.128,32
09.02.2019	06:00:00	9.812,32	9.229,81	14.279,39
09.02.2019	06:15:00	9.701,45	9.127,39	14.379,26
09.02.2019	06:30:00	9.731,69	9.165,68	14.602,65
09.02.2019	06:45:00	9.483,01	8.911,20	14.438,74
09.02.2019	07:00:00	9.652,63	9.082,73	14.665,45
09.02.2019	07:15:00	10.057,34	9.482,32	15.180,24
09.02.2019	07:30:00	10.389,81	9.824,70	15.770,44
09.02.2019	07:45:00	10.206,03	9.630,24	15.595,32
09.02.2019	08:00:00	10.670,38	10.092,07	16.197,43
09.02.2019	08:15:00	11.139,73	10.514,16	16.645,16
09.02.2019	08:30:00	11.399,12	10.755,07	16.904,51
09.02.2019	08:45:00	11.677,37	10.869,54	16.944,38
09.02.2019	09:00:00	12.100,85	11.240,97	17.385,23
09.02.2019	09:15:00	12.250,26	11.412,53	17.307,68
09.02.2019	09:30:00	12.480,39	11.487,77	17.352,70
09.02.2019	09:45:00	12.341,76	10.910,73	16.922,51
09.02.2019	10:00:00	12.477,09	10.263,36	16.226,42
09.02.2019	10:15:00	13.287,84	11.959,50	18.012,92
09.02.2019	10:30:00	13.756,23	11.244,05	17.294,40
09.02.2019	10:45:00	13.520,89	10.058,91	15.981,34
09.02.2019	11:00:00	13.481,06	10.156,02	15.886,34
09.02.2019	11:15:00	13.913,55	12.273,12	18.091,35
09.02.2019	11:30:00	14.174,75	13.015,69	18.671,71
09.02.2019	11:45:00	14.801,73	11.837,91	17.438,10
09.02.2019	12:00:00	14.540,72	12.000,84	17.483,12
09.02.2019	12:15:00	14.573,23	13.313,47	18.716,59
09.02.2019	12:30:00	15.022,92	12.609,09	17.757,33
09.02.2019	12:45:00	15.260,88	12.680,42	17.935,32
09.02.2019	13:00:00	15.071,28	13.685,39	18.961,31
09.02.2019	13:15:00	15.094,23	13.165,58	18.402,46
09.02.2019	13:30:00	15.051,91	10.616,26	15.696,92
09.02.2019	13:45:00	14.424,46	11.565,46	16.551,07
09.02.2019	14:00:00	14.022,02	11.279,22	16.199,30
09.02.2019	14:15:00	13.592,24	11.481,37	16.391,57
09.02.2019	14:30:00	13.487,24	11.790,21	16.693,40
09.02.2019	14:45:00	13.241,46	12.115,08	17.003,28
09.02.2019	15:00:00	13.167,41	11.774,95	16.683,86
09.02.2019	15:15:00	13.068,99	11.806,29	16.606,42
09.02.2019	15:30:00	13.115,55	11.638,04	16.365,63
09.02.2019	15:45:00	13.179,07	11.933,47	16.682,75
09.02.2019	16:00:00	13.088,85	11.933,72	16.626,88
09.02.2019	16:15:00	13.102,69	12.013,94	16.706,11
09.02.2019	16:30:00	13.029,20	12.055,59	16.726,14
09.02.2019	16:45:00	13.124,27	12.299,16	16.996,85
09.02.2019	17:00:00	13.211,68	12.476,12	17.176,10
09.02.2019	17:15:00	13.683,49	13.042,82	17.826,52
09.02.2019	17:30:00	14.069,38	13.496,66	18.265,56
09.02.2019	17:45:00	14.537,65	13.999,30	18.846,04
09.02.2019	18:00:00	15.496,40	14.974,80	19.872,01
09.02.2019	18:15:00	15.878,28	15.339,20	20.123,76
09.02.2019	18:30:00	15.915,56	15.371,83	20.176,89
09.02.2019	18:45:00	15.705,84	15.157,62	20.064,06
09.02.2019	19:00:00	15.582,92	15.038,79	19.840,87
09.02.2019	19:15:00	15.544,65	14.998,47	19.719,50
09.02.2019	19:30:00	15.452,54	14.919,91	19.483,73
09.02.2019	19:45:00	15.022,74	14.455,00	19.051,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.02.2019	20:00:00	14.858,82	14.298,59	18.808,00
09.02.2019	20:15:00	14.639,13	14.076,79	18.522,80
09.02.2019	20:30:00	14.362,81	13.791,23	18.097,09
09.02.2019	20:45:00	14.207,58	13.637,68	17.976,86
09.02.2019	21:00:00	13.865,10	13.303,78	17.608,64
09.02.2019	21:15:00	13.867,20	13.283,78	17.500,03
09.02.2019	21:30:00	14.942,35	14.378,73	18.667,76
09.02.2019	21:45:00	14.690,65	14.151,84	18.521,58
09.02.2019	22:00:00	14.429,22	13.865,81	18.176,30
09.02.2019	22:15:00	14.595,70	14.012,88	18.240,61
09.02.2019	22:30:00	14.697,91	14.126,69	18.404,65
09.02.2019	22:45:00	15.105,85	14.538,60	18.676,66
09.02.2019	23:00:00	15.147,93	14.594,65	18.680,34
09.02.2019	23:15:00	14.617,10	14.149,74	18.017,78
09.02.2019	23:30:00	13.870,26	13.390,23	17.201,24
09.02.2019	23:45:00	13.265,81	12.781,89	16.580,09
10.02.2019	00:00:00	12.659,27	12.176,15	16.004,33
10.02.2019	00:15:00	12.206,67	11.722,70	15.462,41
10.02.2019	00:30:00	11.745,78	11.258,93	15.023,52
10.02.2019	00:45:00	11.315,41	10.862,63	14.578,49
10.02.2019	01:00:00	10.958,76	10.455,66	14.098,60
10.02.2019	01:15:00	10.622,07	10.115,80	13.818,04
10.02.2019	01:30:00	10.345,29	9.843,93	13.576,31
10.02.2019	01:45:00	10.239,87	9.677,53	13.394,80
10.02.2019	02:00:00	10.031,26	9.424,59	13.121,58
10.02.2019	02:15:00	9.989,18	9.386,32	13.163,30
10.02.2019	02:30:00	9.886,23	9.284,75	13.067,22
10.02.2019	02:45:00	9.854,94	9.234,99	12.907,30
10.02.2019	03:00:00	9.693,73	9.160,27	12.832,34
10.02.2019	03:15:00	9.527,66	9.115,03	12.711,05
10.02.2019	03:30:00	9.378,33	8.965,51	12.538,70
10.02.2019	03:45:00	9.468,21	9.055,10	12.647,40
10.02.2019	04:00:00	9.545,41	9.132,78	12.669,61
10.02.2019	04:15:00	9.679,43	9.267,55	12.802,57
10.02.2019	04:30:00	9.742,75	9.165,81	12.764,11
10.02.2019	04:45:00	9.632,94	9.017,88	12.573,32
10.02.2019	05:00:00	9.685,39	9.084,90	12.633,03
10.02.2019	05:15:00	9.559,26	8.964,47	12.584,57
10.02.2019	05:30:00	9.195,73	8.599,51	12.306,84
10.02.2019	05:45:00	9.296,93	8.700,06	12.497,84
10.02.2019	06:00:00	9.189,48	8.591,65	12.335,62
10.02.2019	06:15:00	8.982,65	8.381,73	12.053,45
10.02.2019	06:30:00	8.819,58	8.217,87	11.948,12
10.02.2019	06:45:00	8.509,40	7.905,50	11.710,06
10.02.2019	07:00:00	8.370,47	7.767,90	11.563,35
10.02.2019	07:15:00	8.758,37	8.161,93	12.067,52
10.02.2019	07:30:00	8.954,00	8.358,61	12.299,64
10.02.2019	07:45:00	9.136,05	8.550,22	12.416,71
10.02.2019	08:00:00	9.265,47	8.677,75	12.491,18
10.02.2019	08:15:00	9.632,22	9.001,00	12.814,32
10.02.2019	08:30:00	9.953,39	9.329,97	13.131,99
10.02.2019	08:45:00	10.311,74	9.605,08	13.467,11
10.02.2019	09:00:00	10.734,65	9.928,44	13.828,80
10.02.2019	09:15:00	11.050,86	10.090,26	13.912,56
10.02.2019	09:30:00	11.330,98	10.181,34	13.997,69
10.02.2019	09:45:00	11.631,64	10.338,93	14.167,89
10.02.2019	10:00:00	11.655,35	10.004,54	13.837,76
10.02.2019	10:15:00	12.416,68	11.154,17	15.008,96
10.02.2019	10:30:00	12.790,36	11.583,75	15.423,52
10.02.2019	10:45:00	12.793,79	11.351,26	15.167,37
10.02.2019	11:00:00	12.935,85	11.132,15	14.956,04
10.02.2019	11:15:00	13.355,66	10.255,86	14.019,72
10.02.2019	11:30:00	13.419,00	9.552,11	13.194,22
10.02.2019	11:45:00	13.110,02	9.818,62	13.438,88
10.02.2019	12:00:00	13.713,07	11.130,94	14.799,75
10.02.2019	12:15:00	13.995,90	11.734,30	15.401,54
10.02.2019	12:30:00	14.455,71	11.225,97	14.941,89
10.02.2019	12:45:00	13.694,99	10.434,62	14.194,01
10.02.2019	13:00:00	13.225,44	9.081,70	12.773,16
10.02.2019	13:15:00	13.604,43	9.403,70	13.087,26
10.02.2019	13:30:00	13.558,74	10.220,64	13.950,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.02.2019	13:45:00	13.174,44	10.888,88	14.596,24
10.02.2019	14:00:00	12.966,78	10.949,12	14.791,30
10.02.2019	14:15:00	12.813,41	11.730,96	15.793,84
10.02.2019	14:30:00	12.847,83	12.143,34	16.229,17
10.02.2019	14:45:00	12.895,34	12.144,40	16.236,60
10.02.2019	15:00:00	12.914,51	12.048,80	16.283,15
10.02.2019	15:15:00	12.941,48	11.999,24	16.177,79
10.02.2019	15:30:00	12.816,69	11.969,79	16.172,28
10.02.2019	15:45:00	12.903,22	12.144,04	16.351,86
10.02.2019	16:00:00	12.933,74	12.184,28	16.372,32
10.02.2019	16:15:00	12.987,53	12.302,75	16.352,94
10.02.2019	16:30:00	13.001,48	12.321,18	16.384,22
10.02.2019	16:45:00	13.004,05	12.361,91	16.447,36
10.02.2019	17:00:00	13.418,89	12.811,28	16.883,85
10.02.2019	17:15:00	13.892,85	13.333,76	17.443,24
10.02.2019	17:30:00	14.014,13	13.451,00	17.580,27
10.02.2019	17:45:00	14.310,13	13.759,06	17.919,71
10.02.2019	18:00:00	15.107,74	14.565,38	18.764,88
10.02.2019	18:15:00	15.440,54	14.894,40	19.126,02
10.02.2019	18:30:00	15.339,14	14.796,58	18.966,25
10.02.2019	18:45:00	15.263,90	14.718,64	18.879,96
10.02.2019	19:00:00	15.132,68	14.578,65	18.845,80
10.02.2019	19:15:00	15.560,28	15.015,22	19.374,89
10.02.2019	19:30:00	15.562,13	15.017,48	19.416,88
10.02.2019	19:45:00	15.211,22	14.659,87	18.949,08
10.02.2019	20:00:00	14.895,08	14.340,78	18.536,01
10.02.2019	20:15:00	14.828,37	14.274,00	18.455,52
10.02.2019	20:30:00	14.719,79	14.163,01	18.266,60
10.02.2019	20:45:00	14.564,80	14.003,40	18.026,46
10.02.2019	21:00:00	14.123,13	13.554,58	17.543,50
10.02.2019	21:15:00	14.138,13	13.570,98	17.578,12
10.02.2019	21:30:00	15.239,82	14.682,58	18.727,22
10.02.2019	21:45:00	14.715,46	14.152,12	18.303,54
10.02.2019	22:00:00	14.314,81	13.748,96	17.991,75
10.02.2019	22:15:00	14.337,46	13.769,67	18.133,88
10.02.2019	22:30:00	14.164,04	13.595,02	17.954,42
10.02.2019	22:45:00	14.376,56	13.810,24	18.172,48
10.02.2019	23:00:00	14.499,42	13.931,17	18.355,18
10.02.2019	23:15:00	13.959,20	13.386,51	17.954,58
10.02.2019	23:30:00	13.508,87	12.932,63	17.510,08
10.02.2019	23:45:00	12.734,21	12.152,26	16.638,45
11.02.2019	00:00:00	12.183,50	11.597,91	16.011,12
11.02.2019	00:15:00	11.628,93	11.039,16	15.454,07
11.02.2019	00:30:00	11.079,78	10.487,86	14.950,50
11.02.2019	00:45:00	10.782,20	10.186,06	14.637,92
11.02.2019	01:00:00	10.465,35	9.866,13	14.347,35
11.02.2019	01:15:00	10.296,13	9.694,59	14.181,76
11.02.2019	01:30:00	9.965,14	9.357,92	13.859,32
11.02.2019	01:45:00	10.047,75	9.447,13	13.863,70
11.02.2019	02:00:00	10.014,16	9.415,45	13.789,87
11.02.2019	02:15:00	10.045,85	9.448,68	13.800,20
11.02.2019	02:30:00	10.123,01	9.529,52	13.938,58
11.02.2019	02:45:00	9.993,67	9.404,25	13.836,71
11.02.2019	03:00:00	9.942,70	9.456,76	13.864,78
11.02.2019	03:15:00	9.833,05	9.443,80	13.921,30
11.02.2019	03:30:00	9.965,18	9.578,34	14.078,79
11.02.2019	03:45:00	10.087,20	9.706,00	14.259,80
11.02.2019	04:00:00	10.193,78	9.818,21	14.392,50
11.02.2019	04:15:00	10.096,22	9.694,05	14.282,90
11.02.2019	04:30:00	10.196,96	9.620,58	14.247,23
11.02.2019	04:45:00	10.133,45	9.551,93	14.267,42
11.02.2019	05:00:00	10.326,23	9.750,61	14.642,14
11.02.2019	05:15:00	10.458,75	9.907,32	15.532,49
11.02.2019	05:30:00	10.290,90	9.744,70	15.760,61
11.02.2019	05:45:00	10.807,52	10.273,22	16.945,52
11.02.2019	06:00:00	11.085,41	10.566,55	17.942,20
11.02.2019	06:15:00	11.393,92	10.888,38	19.557,70
11.02.2019	06:30:00	11.288,48	10.800,68	20.538,02
11.02.2019	06:45:00	11.462,22	10.975,02	21.254,47
11.02.2019	07:00:00	11.996,42	11.538,28	22.760,48
11.02.2019	07:15:00	12.528,28	12.070,35	23.852,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.02.2019	07:30:00	12.924,23	12.479,33	24.701,73
11.02.2019	07:45:00	12.785,31	12.347,68	24.713,74
11.02.2019	08:00:00	12.763,32	12.327,89	25.160,89
11.02.2019	08:15:00	13.127,46	12.679,68	26.001,05
11.02.2019	08:30:00	13.322,65	12.828,32	25.994,39
11.02.2019	08:45:00	13.253,73	12.698,60	26.123,18
11.02.2019	09:00:00	13.313,99	12.779,87	26.279,66
11.02.2019	09:15:00	14.082,16	13.522,80	26.353,57
11.02.2019	09:30:00	14.056,26	13.467,42	26.262,58
11.02.2019	09:45:00	14.221,43	13.528,42	26.933,73
11.02.2019	10:00:00	14.276,84	13.380,20	26.827,40
11.02.2019	10:15:00	14.400,25	13.526,16	26.801,59
11.02.2019	10:30:00	14.318,78	13.321,62	26.621,46
11.02.2019	10:45:00	14.386,74	13.442,92	26.773,32
11.02.2019	11:00:00	14.262,86	13.328,30	26.754,65
11.02.2019	11:15:00	14.370,55	13.363,29	26.933,22
11.02.2019	11:30:00	14.626,82	13.408,84	27.091,95
11.02.2019	11:45:00	14.729,38	13.490,11	27.116,80
11.02.2019	12:00:00	14.777,34	13.486,76	26.773,74
11.02.2019	12:15:00	15.297,81	14.195,94	27.155,65
11.02.2019	12:30:00	15.931,35	15.152,52	27.862,73
11.02.2019	12:45:00	15.642,69	14.687,63	27.304,48
11.02.2019	13:00:00	15.236,99	14.101,35	26.702,24
11.02.2019	13:15:00	14.996,36	13.843,61	26.715,05
11.02.2019	13:30:00	14.746,67	13.681,31	26.592,58
11.02.2019	13:45:00	14.422,89	13.145,72	26.019,49
11.02.2019	14:00:00	14.274,09	12.536,35	25.476,54
11.02.2019	14:15:00	14.072,55	12.802,41	25.618,93
11.02.2019	14:30:00	14.451,18	11.584,64	24.073,32
11.02.2019	14:45:00	14.312,41	9.877,61	22.062,84
11.02.2019	15:00:00	13.567,05	11.431,27	23.651,47
11.02.2019	15:15:00	13.361,85	12.350,48	24.167,98
11.02.2019	15:30:00	13.295,27	12.071,55	23.567,33
11.02.2019	15:45:00	13.308,32	12.314,25	23.400,49
11.02.2019	16:00:00	13.392,32	12.521,01	23.384,05
11.02.2019	16:15:00	13.454,52	12.333,62	22.831,89
11.02.2019	16:30:00	13.472,25	12.533,61	22.832,84
11.02.2019	16:45:00	13.549,06	12.510,23	22.573,95
11.02.2019	17:00:00	13.620,65	12.744,40	22.631,65
11.02.2019	17:15:00	14.027,16	13.362,56	22.965,48
11.02.2019	17:30:00	14.408,99	13.897,19	23.370,69
11.02.2019	17:45:00	15.083,20	14.624,75	23.918,84
11.02.2019	18:00:00	15.783,57	15.331,80	24.545,16
11.02.2019	18:15:00	16.592,96	16.151,63	25.349,49
11.02.2019	18:30:00	16.701,20	16.253,35	25.078,59
11.02.2019	18:45:00	16.752,40	16.298,88	24.824,74
11.02.2019	19:00:00	16.608,10	16.153,41	24.554,66
11.02.2019	19:15:00	16.716,76	16.254,65	24.713,38
11.02.2019	19:30:00	16.648,33	16.171,78	24.662,12
11.02.2019	19:45:00	16.396,73	15.917,08	24.115,11
11.02.2019	20:00:00	16.112,23	15.615,37	23.628,80
11.02.2019	20:15:00	15.818,14	15.300,94	23.038,62
11.02.2019	20:30:00	15.689,15	15.169,22	22.599,17
11.02.2019	20:45:00	15.515,31	14.998,51	22.492,14
11.02.2019	21:00:00	15.060,68	14.537,31	22.028,85
11.02.2019	21:15:00	14.991,23	14.454,01	21.786,34
11.02.2019	21:30:00	16.138,88	15.611,49	22.960,97
11.02.2019	21:45:00	15.643,06	15.103,89	22.253,10
11.02.2019	22:00:00	15.021,22	14.479,32	21.416,37
11.02.2019	22:15:00	15.083,35	14.535,95	21.238,72
11.02.2019	22:30:00	14.914,51	14.366,45	20.819,39
11.02.2019	22:45:00	15.073,47	14.527,76	20.735,04
11.02.2019	23:00:00	15.066,14	14.518,27	20.700,83
11.02.2019	23:15:00	14.574,90	14.023,01	20.151,05
11.02.2019	23:30:00	14.103,04	13.538,72	19.612,28
11.02.2019	23:45:00	13.653,38	13.084,47	19.057,26
12.02.2019	00:00:00	13.175,09	12.602,36	18.436,57
12.02.2019	00:15:00	12.658,74	12.079,76	17.751,24
12.02.2019	00:30:00	12.389,07	11.809,43	17.387,85
12.02.2019	00:45:00	11.959,67	11.376,49	17.047,06
12.02.2019	01:00:00	11.984,84	11.398,21	17.153,20

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.02.2019	01:15:00	11.694,16	11.104,86	16.873,13
12.02.2019	01:30:00	11.560,66	10.974,76	16.646,68
12.02.2019	01:45:00	11.602,17	11.019,81	16.529,50
12.02.2019	02:00:00	11.517,74	10.933,29	16.283,81
12.02.2019	02:15:00	11.555,09	10.969,88	16.369,19
12.02.2019	02:30:00	11.477,22	10.898,11	16.317,25
12.02.2019	02:45:00	11.262,08	10.684,67	15.995,02
12.02.2019	03:00:00	11.139,95	10.554,02	16.026,36
12.02.2019	03:15:00	10.893,40	10.305,52	15.726,20
12.02.2019	03:30:00	10.804,46	10.215,39	15.628,90
12.02.2019	03:45:00	10.800,23	10.209,87	15.582,94
12.02.2019	04:00:00	10.745,50	10.154,69	15.482,76
12.02.2019	04:15:00	10.826,70	10.234,91	15.729,17
12.02.2019	04:30:00	10.747,93	10.188,09	15.791,51
12.02.2019	04:45:00	10.589,89	10.208,31	15.743,54
12.02.2019	05:00:00	10.737,95	10.359,12	16.188,60
12.02.2019	05:15:00	10.933,98	10.575,82	16.819,80
12.02.2019	05:30:00	10.764,80	10.414,70	16.907,81
12.02.2019	05:45:00	11.222,16	10.877,27	17.598,38
12.02.2019	06:00:00	11.473,16	10.946,54	18.462,64
12.02.2019	06:15:00	11.679,07	11.160,52	20.062,49
12.02.2019	06:30:00	11.618,12	11.117,04	20.962,15
12.02.2019	06:45:00	11.543,63	11.048,37	21.419,44
12.02.2019	07:00:00	11.880,71	11.410,40	22.653,32
12.02.2019	07:15:00	12.472,61	12.003,09	23.731,78
12.02.2019	07:30:00	12.918,00	12.465,84	24.572,61
12.02.2019	07:45:00	12.495,72	12.038,14	24.440,87
12.02.2019	08:00:00	12.577,22	12.083,52	24.870,30
12.02.2019	08:15:00	12.701,34	12.095,16	25.192,37
12.02.2019	08:30:00	12.664,20	11.993,69	25.318,18
12.02.2019	08:45:00	12.736,28	12.039,11	25.284,99
12.02.2019	09:00:00	13.215,78	12.353,81	25.776,59
12.02.2019	09:15:00	13.832,02	12.883,80	25.643,42
12.02.2019	09:30:00	13.516,16	12.393,35	25.121,05
12.02.2019	09:45:00	13.611,24	11.474,19	24.683,88
12.02.2019	10:00:00	13.556,55	10.574,38	23.963,79
12.02.2019	10:15:00	13.327,27	11.458,25	24.745,12
12.02.2019	10:30:00	13.624,36	12.018,43	25.462,36
12.02.2019	10:45:00	13.598,21	11.845,21	25.306,94
12.02.2019	11:00:00	13.573,39	10.876,89	24.514,59
12.02.2019	11:15:00	13.711,69	11.068,90	24.411,74
12.02.2019	11:30:00	13.777,18	12.353,17	25.864,07
12.02.2019	11:45:00	13.959,25	12.673,07	26.025,60
12.02.2019	12:00:00	13.879,37	12.317,09	25.324,85
12.02.2019	12:15:00	14.564,14	12.470,51	24.937,08
12.02.2019	12:30:00	14.464,12	12.883,57	24.879,06
12.02.2019	12:45:00	14.486,82	12.594,19	24.828,26
12.02.2019	13:00:00	14.506,06	12.994,30	25.635,27
12.02.2019	13:15:00	14.211,43	12.432,49	24.980,53
12.02.2019	13:30:00	13.669,63	11.627,78	24.212,19
12.02.2019	13:45:00	14.082,02	12.308,93	24.894,09
12.02.2019	14:00:00	13.897,75	12.677,25	25.100,01
12.02.2019	14:15:00	13.675,67	12.050,00	24.574,37
12.02.2019	14:30:00	13.691,18	10.942,68	23.358,45
12.02.2019	14:45:00	13.209,59	11.348,72	23.256,02
12.02.2019	15:00:00	12.972,63	10.847,96	22.670,59
12.02.2019	15:15:00	12.920,21	10.781,81	22.471,00
12.02.2019	15:30:00	12.958,43	11.520,86	22.990,43
12.02.2019	15:45:00	13.056,09	11.870,47	23.084,68
12.02.2019	16:00:00	13.191,79	12.145,37	23.277,15
12.02.2019	16:15:00	13.138,17	12.294,60	23.068,74
12.02.2019	16:30:00	13.259,80	12.368,93	23.012,35
12.02.2019	16:45:00	13.490,57	12.660,34	23.092,11
12.02.2019	17:00:00	13.692,10	13.142,77	23.203,34
12.02.2019	17:15:00	13.990,91	13.513,31	23.404,41
12.02.2019	17:30:00	14.643,86	14.234,13	23.813,50
12.02.2019	17:45:00	15.161,23	14.768,18	24.435,41
12.02.2019	18:00:00	16.172,89	15.764,42	25.321,66
12.02.2019	18:15:00	16.856,55	16.398,83	25.626,56
12.02.2019	18:30:00	16.821,32	16.362,34	25.380,32
12.02.2019	18:45:00	16.690,62	16.224,34	25.146,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.02.2019	19:00:00	16.555,27	16.079,55	24.667,81
12.02.2019	19:15:00	16.580,28	16.103,14	24.471,68
12.02.2019	19:30:00	16.579,32	16.087,55	24.497,11
12.02.2019	19:45:00	16.304,93	15.808,20	24.069,02
12.02.2019	20:00:00	16.160,52	15.658,32	23.821,77
12.02.2019	20:15:00	16.062,62	15.542,51	23.322,97
12.02.2019	20:30:00	15.811,02	15.278,21	23.034,76
12.02.2019	20:45:00	15.625,94	15.093,54	22.663,96
12.02.2019	21:00:00	15.213,38	14.682,78	22.136,60
12.02.2019	21:15:00	15.136,14	14.602,70	21.997,79
12.02.2019	21:30:00	16.159,46	15.635,63	22.945,44
12.02.2019	21:45:00	15.777,91	15.255,99	22.434,89
12.02.2019	22:00:00	15.249,67	14.725,22	21.748,54
12.02.2019	22:15:00	15.216,41	14.677,72	21.439,50
12.02.2019	22:30:00	15.058,14	14.504,41	20.954,27
12.02.2019	22:45:00	15.266,66	14.708,96	20.761,40
12.02.2019	23:00:00	15.287,29	14.728,95	20.689,61
12.02.2019	23:15:00	14.890,56	14.329,10	20.203,87
12.02.2019	23:30:00	14.303,73	13.738,31	19.454,96
12.02.2019	23:45:00	13.747,57	13.177,15	18.727,17
13.02.2019	00:00:00	13.349,16	12.775,15	18.425,97
13.02.2019	00:15:00	12.997,50	12.420,64	17.986,77
13.02.2019	00:30:00	12.698,68	12.119,06	17.594,32
13.02.2019	00:45:00	12.355,72	11.770,33	17.470,94
13.02.2019	01:00:00	12.210,13	11.624,47	17.374,43
13.02.2019	01:15:00	11.856,86	11.273,23	16.893,59
13.02.2019	01:30:00	11.753,09	11.159,24	16.758,70
13.02.2019	01:45:00	11.647,68	11.052,22	16.602,49
13.02.2019	02:00:00	11.492,20	10.894,99	16.272,00
13.02.2019	02:15:00	11.556,48	10.956,34	16.277,66
13.02.2019	02:30:00	11.587,73	10.991,95	16.350,75
13.02.2019	02:45:00	11.479,52	10.885,58	16.228,27
13.02.2019	03:00:00	11.520,73	10.928,05	16.284,82
13.02.2019	03:15:00	11.262,70	10.666,92	16.047,90
13.02.2019	03:30:00	11.169,16	10.570,85	15.887,18
13.02.2019	03:45:00	11.227,59	10.627,53	16.028,08
13.02.2019	04:00:00	11.351,69	10.754,91	16.127,88
13.02.2019	04:15:00	11.542,44	10.946,50	16.412,30
13.02.2019	04:30:00	11.391,38	10.793,73	16.448,10
13.02.2019	04:45:00	11.246,53	10.646,65	16.304,20
13.02.2019	05:00:00	11.490,98	10.902,26	16.670,72
13.02.2019	05:15:00	11.420,34	10.855,79	17.082,97
13.02.2019	05:30:00	11.065,39	10.509,11	17.111,48
13.02.2019	05:45:00	11.664,53	11.120,98	18.204,26
13.02.2019	06:00:00	11.981,99	11.456,68	19.156,22
13.02.2019	06:15:00	12.290,13	11.770,69	20.852,91
13.02.2019	06:30:00	12.243,25	11.742,47	21.781,45
13.02.2019	06:45:00	12.353,89	11.865,64	22.775,23
13.02.2019	07:00:00	12.727,88	12.267,01	23.638,98
13.02.2019	07:15:00	13.358,07	12.896,13	24.706,25
13.02.2019	07:30:00	13.106,55	12.651,38	24.929,95
13.02.2019	07:45:00	12.817,32	12.351,95	24.723,30
13.02.2019	08:00:00	12.766,85	12.250,74	25.104,07
13.02.2019	08:15:00	12.757,44	12.169,36	25.470,51
13.02.2019	08:30:00	12.586,68	11.839,06	25.223,93
13.02.2019	08:45:00	12.525,19	11.535,18	24.863,02
13.02.2019	09:00:00	12.583,95	11.293,16	24.753,40
13.02.2019	09:15:00	13.025,97	11.421,45	24.198,57
13.02.2019	09:30:00	13.034,37	11.059,97	23.812,77
13.02.2019	09:45:00	12.936,69	10.598,21	23.907,59
13.02.2019	10:00:00	13.052,01	10.326,72	23.750,27
13.02.2019	10:15:00	13.004,93	9.892,19	23.070,15
13.02.2019	10:30:00	13.164,81	9.715,05	22.792,63
13.02.2019	10:45:00	13.073,28	9.285,51	22.483,00
13.02.2019	11:00:00	12.843,80	8.786,19	22.111,91
13.02.2019	11:15:00	13.120,16	8.803,66	21.914,64
13.02.2019	11:30:00	13.329,57	8.763,09	21.933,61
13.02.2019	11:45:00	13.598,88	8.865,85	22.085,98
13.02.2019	12:00:00	13.697,66	8.773,97	21.359,19
13.02.2019	12:15:00	14.093,47	9.044,51	21.184,82
13.02.2019	12:30:00	14.521,10	9.364,00	21.074,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.02.2019	12:45:00	14.372,03	9.175,51	20.997,63
13.02.2019	13:00:00	14.143,36	8.904,89	20.789,81
13.02.2019	13:15:00	13.981,45	8.731,92	20.888,57
13.02.2019	13:30:00	13.743,14	8.540,29	20.921,70
13.02.2019	13:45:00	13.576,11	8.390,99	20.635,62
13.02.2019	14:00:00	13.277,84	8.328,26	20.551,04
13.02.2019	14:15:00	13.328,88	8.373,15	20.511,32
13.02.2019	14:30:00	13.236,60	8.352,48	20.619,75
13.02.2019	14:45:00	13.041,00	8.342,13	20.399,59
13.02.2019	15:00:00	13.170,74	8.540,00	20.498,50
13.02.2019	15:15:00	13.013,00	9.057,42	20.640,04
13.02.2019	15:30:00	12.844,44	9.163,52	20.477,88
13.02.2019	15:45:00	12.471,04	9.868,84	20.918,67
13.02.2019	16:00:00	11.978,05	10.011,62	21.139,64
13.02.2019	16:15:00	11.803,16	10.138,56	20.758,35
13.02.2019	16:30:00	11.993,80	10.421,62	20.872,64
13.02.2019	16:45:00	12.354,96	10.978,81	20.999,00
13.02.2019	17:00:00	12.721,49	11.572,67	21.475,01
13.02.2019	17:15:00	13.164,60	12.215,99	22.005,82
13.02.2019	17:30:00	13.560,86	12.864,60	22.359,49
13.02.2019	17:45:00	14.257,90	13.728,15	23.075,41
13.02.2019	18:00:00	15.126,28	14.644,77	23.843,23
13.02.2019	18:15:00	16.190,95	15.726,04	24.748,57
13.02.2019	18:30:00	16.521,77	16.049,60	24.893,16
13.02.2019	18:45:00	16.573,50	16.102,64	24.758,49
13.02.2019	19:00:00	16.387,25	15.906,24	24.464,34
13.02.2019	19:15:00	16.604,65	16.121,83	24.656,72
13.02.2019	19:30:00	16.597,52	16.102,19	24.484,50
13.02.2019	19:45:00	16.346,04	15.831,89	24.110,76
13.02.2019	20:00:00	16.138,42	15.627,17	23.705,10
13.02.2019	20:15:00	15.786,46	15.242,27	23.226,60
13.02.2019	20:30:00	15.755,13	15.202,60	23.069,35
13.02.2019	20:45:00	15.771,87	15.222,84	22.971,82
13.02.2019	21:00:00	15.156,75	14.606,79	22.512,62
13.02.2019	21:15:00	15.080,99	14.528,76	21.943,97
13.02.2019	21:30:00	16.144,42	15.596,99	22.984,12
13.02.2019	21:45:00	15.616,06	15.061,29	22.378,94
13.02.2019	22:00:00	15.477,23	14.924,62	22.034,24
13.02.2019	22:15:00	15.126,28	14.570,89	21.246,88
13.02.2019	22:30:00	14.936,95	14.378,45	20.941,69
13.02.2019	22:45:00	15.275,70	14.716,91	20.966,80
13.02.2019	23:00:00	15.090,15	14.527,42	20.564,22
13.02.2019	23:15:00	14.431,56	13.862,93	19.878,56
13.02.2019	23:30:00	14.101,43	13.527,16	19.413,03
13.02.2019	23:45:00	13.754,51	13.178,07	18.985,62
14.02.2019	00:00:00	13.326,67	12.746,96	18.513,82
14.02.2019	00:15:00	12.658,55	12.070,65	17.666,14
14.02.2019	00:30:00	12.398,12	11.807,47	17.479,56
14.02.2019	00:45:00	12.162,04	11.568,75	17.179,47
14.02.2019	01:00:00	11.814,40	11.216,63	16.909,03
14.02.2019	01:15:00	11.635,46	11.037,74	16.644,15
14.02.2019	01:30:00	11.506,32	10.905,17	16.610,67
14.02.2019	01:45:00	11.346,73	10.741,93	16.367,26
14.02.2019	02:00:00	11.253,47	10.647,17	16.220,82
14.02.2019	02:15:00	11.139,36	10.534,11	16.036,56
14.02.2019	02:30:00	10.877,29	10.270,44	15.604,45
14.02.2019	02:45:00	10.698,62	10.091,73	15.447,36
14.02.2019	03:00:00	10.810,01	10.203,88	15.576,02
14.02.2019	03:15:00	10.777,88	10.172,61	15.635,81
14.02.2019	03:30:00	10.789,07	10.183,70	15.705,46
14.02.2019	03:45:00	10.966,05	10.360,97	15.992,99
14.02.2019	04:00:00	10.932,85	10.332,50	15.963,93
14.02.2019	04:15:00	10.830,55	10.223,82	15.914,44
14.02.2019	04:30:00	10.956,56	10.349,28	16.011,19
14.02.2019	04:45:00	10.909,56	10.301,06	15.959,84
14.02.2019	05:00:00	11.050,65	10.449,81	16.376,94
14.02.2019	05:15:00	11.142,20	10.568,44	16.825,74
14.02.2019	05:30:00	11.056,43	10.508,65	17.024,91
14.02.2019	05:45:00	11.485,47	11.007,51	18.032,94
14.02.2019	06:00:00	11.887,05	11.420,53	18.978,85
14.02.2019	06:15:00	11.962,66	11.504,00	20.181,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.02.2019	06:30:00	12.059,58	11.625,03	21.346,20
14.02.2019	06:45:00	12.042,07	11.625,51	21.857,68
14.02.2019	07:00:00	12.464,53	12.061,81	22.935,12
14.02.2019	07:15:00	13.096,37	12.688,15	24.315,02
14.02.2019	07:30:00	13.041,48	12.633,92	24.857,04
14.02.2019	07:45:00	12.728,99	12.311,23	24.844,89
14.02.2019	08:00:00	12.800,06	12.324,30	25.044,25
14.02.2019	08:15:00	13.039,97	12.522,31	25.741,60
14.02.2019	08:30:00	12.879,14	12.307,78	25.771,92
14.02.2019	08:45:00	12.797,36	11.974,09	25.701,63
14.02.2019	09:00:00	12.476,25	11.233,15	24.745,48
14.02.2019	09:15:00	13.074,34	11.477,35	24.101,14
14.02.2019	09:30:00	13.041,11	10.974,86	23.645,38
14.02.2019	09:45:00	12.871,85	10.207,53	23.252,25
14.02.2019	10:00:00	12.867,04	9.766,66	22.762,25
14.02.2019	10:15:00	13.568,51	11.627,02	24.960,60
14.02.2019	10:30:00	12.945,04	10.043,16	23.144,75
14.02.2019	10:45:00	12.796,13	8.813,73	22.099,40
14.02.2019	11:00:00	12.872,87	8.780,42	21.992,41
14.02.2019	11:15:00	13.021,73	8.647,84	21.698,29
14.02.2019	11:30:00	13.197,30	8.637,57	21.659,14
14.02.2019	11:45:00	13.423,07	8.803,67	21.824,02
14.02.2019	12:00:00	13.553,24	8.645,70	21.475,22
14.02.2019	12:15:00	14.026,22	8.922,37	21.159,67
14.02.2019	12:30:00	14.534,28	9.934,50	21.868,07
14.02.2019	12:45:00	14.071,08	9.654,01	21.639,89
14.02.2019	13:00:00	13.717,19	8.868,69	20.913,51
14.02.2019	13:15:00	13.651,00	10.005,21	22.252,83
14.02.2019	13:30:00	13.384,08	9.660,85	22.114,11
14.02.2019	13:45:00	13.338,24	8.613,51	20.941,96
14.02.2019	14:00:00	12.854,68	8.003,80	19.996,53
14.02.2019	14:15:00	12.986,62	9.018,77	21.046,21
14.02.2019	14:30:00	12.569,73	8.888,06	20.865,78
14.02.2019	14:45:00	12.681,44	9.680,86	21.502,78
14.02.2019	15:00:00	12.604,70	10.365,56	22.135,91
14.02.2019	15:15:00	12.784,33	10.855,26	22.465,72
14.02.2019	15:30:00	12.737,33	11.324,95	22.594,19
14.02.2019	15:45:00	12.834,83	11.341,57	22.630,98
14.02.2019	16:00:00	12.565,91	11.407,02	22.236,88
14.02.2019	16:15:00	12.437,29	11.360,67	21.828,80
14.02.2019	16:30:00	12.374,03	11.110,28	21.250,86
14.02.2019	16:45:00	12.878,39	11.823,06	21.914,56
14.02.2019	17:00:00	13.268,04	12.559,45	22.427,70
14.02.2019	17:15:00	13.753,23	13.163,41	22.959,73
14.02.2019	17:30:00	13.875,01	13.318,82	23.018,76
14.02.2019	17:45:00	14.320,46	13.816,47	23.230,47
14.02.2019	18:00:00	14.999,52	14.531,67	23.800,34
14.02.2019	18:15:00	16.192,04	15.732,55	24.931,01
14.02.2019	18:30:00	16.542,43	16.082,31	25.093,11
14.02.2019	18:45:00	16.387,31	15.916,29	24.771,82
14.02.2019	19:00:00	16.415,90	15.931,07	24.706,37
14.02.2019	19:15:00	16.362,94	15.872,20	24.600,67
14.02.2019	19:30:00	16.456,92	15.953,74	24.459,97
14.02.2019	19:45:00	16.142,16	15.614,26	23.984,18
14.02.2019	20:00:00	15.942,32	15.414,92	23.541,37
14.02.2019	20:15:00	15.595,37	15.058,34	23.033,05
14.02.2019	20:30:00	15.644,90	15.106,63	22.882,26
14.02.2019	20:45:00	15.539,40	14.997,83	22.622,89
14.02.2019	21:00:00	15.061,99	14.515,70	22.067,22
14.02.2019	21:15:00	15.037,81	14.490,48	22.097,74
14.02.2019	21:30:00	15.993,78	15.456,75	22.741,76
14.02.2019	21:45:00	15.555,23	14.994,74	22.248,20
14.02.2019	22:00:00	15.254,85	14.696,21	21.782,94
14.02.2019	22:15:00	15.068,71	14.505,60	21.304,42
14.02.2019	22:30:00	14.999,38	14.435,68	21.043,63
14.02.2019	22:45:00	15.217,25	14.655,23	20.928,11
14.02.2019	23:00:00	15.307,55	14.739,74	20.876,07
14.02.2019	23:15:00	14.707,15	14.129,65	20.184,26
14.02.2019	23:30:00	13.870,13	13.285,46	19.143,27
14.02.2019	23:45:00	13.518,50	12.931,18	18.692,52
15.02.2019	00:00:00	12.982,52	12.387,51	18.023,88

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.02.2019	00:15:00	12.540,57	11.949,36	17.683,90
15.02.2019	00:30:00	12.335,56	11.744,97	17.387,37
15.02.2019	00:45:00	12.059,57	11.463,48	17.133,34
15.02.2019	01:00:00	11.771,75	11.162,15	16.873,40
15.02.2019	01:15:00	11.652,47	11.042,75	16.664,42
15.02.2019	01:30:00	11.564,09	10.952,08	16.540,49
15.02.2019	01:45:00	11.478,49	10.870,18	16.337,80
15.02.2019	02:00:00	11.361,18	10.745,28	16.171,39
15.02.2019	02:15:00	11.160,01	10.540,82	15.937,15
15.02.2019	02:30:00	11.110,43	10.492,54	15.950,46
15.02.2019	02:45:00	11.031,72	10.413,05	15.881,58
15.02.2019	03:00:00	11.058,22	10.440,64	15.941,32
15.02.2019	03:15:00	10.863,33	10.242,64	15.720,84
15.02.2019	03:30:00	10.615,87	9.993,31	15.443,80
15.02.2019	03:45:00	10.650,81	10.029,52	15.420,67
15.02.2019	04:00:00	10.869,88	10.248,35	15.673,43
15.02.2019	04:15:00	11.049,87	10.430,20	15.942,29
15.02.2019	04:30:00	11.070,59	10.453,65	15.967,23
15.02.2019	04:45:00	10.853,99	10.233,26	15.988,69
15.02.2019	05:00:00	10.994,99	10.386,81	16.234,51
15.02.2019	05:15:00	11.174,14	10.592,83	16.853,78
15.02.2019	05:30:00	11.094,32	10.519,78	17.111,77
15.02.2019	05:45:00	11.353,98	10.802,71	17.768,68
15.02.2019	06:00:00	11.787,77	11.249,78	18.817,45
15.02.2019	06:15:00	11.891,96	11.361,31	20.302,40
15.02.2019	06:30:00	12.111,91	11.600,96	21.520,96
15.02.2019	06:45:00	12.130,94	11.626,33	22.166,29
15.02.2019	07:00:00	12.384,43	11.902,38	22.989,37
15.02.2019	07:15:00	12.953,71	12.466,74	23.987,94
15.02.2019	07:30:00	12.779,85	12.296,83	24.383,16
15.02.2019	07:45:00	12.589,56	12.093,30	24.453,04
15.02.2019	08:00:00	12.713,54	12.157,46	24.873,77
15.02.2019	08:15:00	12.800,80	12.179,43	25.191,09
15.02.2019	08:30:00	12.624,33	11.852,37	24.742,91
15.02.2019	08:45:00	12.438,65	11.413,76	24.287,44
15.02.2019	09:00:00	12.528,87	11.216,94	23.979,18
15.02.2019	09:15:00	13.060,62	11.388,67	23.425,24
15.02.2019	09:30:00	13.131,27	11.055,59	23.017,35
15.02.2019	09:45:00	13.142,69	10.675,22	23.111,54
15.02.2019	10:00:00	13.063,28	10.215,48	22.786,22
15.02.2019	10:15:00	13.245,62	10.013,65	22.345,72
15.02.2019	10:30:00	13.321,55	9.741,98	22.089,82
15.02.2019	10:45:00	13.037,83	9.131,60	21.782,98
15.02.2019	11:00:00	12.915,47	8.707,61	21.245,68
15.02.2019	11:15:00	13.169,39	8.722,91	21.151,45
15.02.2019	11:30:00	13.409,86	8.758,19	21.221,32
15.02.2019	11:45:00	13.689,07	8.858,95	21.199,25
15.02.2019	12:00:00	13.713,98	8.730,22	20.731,21
15.02.2019	12:15:00	14.071,89	8.997,58	20.472,37
15.02.2019	12:30:00	14.376,21	9.187,47	20.179,58
15.02.2019	12:45:00	14.244,92	8.991,27	20.027,21
15.02.2019	13:00:00	13.911,81	8.619,22	19.605,00
15.02.2019	13:15:00	13.461,49	8.164,25	19.117,06
15.02.2019	13:30:00	13.361,27	8.089,12	19.129,82
15.02.2019	13:45:00	13.187,14	7.913,41	19.094,96
15.02.2019	14:00:00	13.069,06	7.875,78	18.967,16
15.02.2019	14:15:00	12.865,79	7.716,00	18.422,33
15.02.2019	14:30:00	12.793,25	7.667,51	18.354,65
15.02.2019	14:45:00	12.821,32	7.779,88	18.321,40
15.02.2019	15:00:00	12.853,79	7.972,38	18.096,53
15.02.2019	15:15:00	12.861,10	8.181,39	17.862,11
15.02.2019	15:30:00	12.838,07	8.417,34	18.022,26
15.02.2019	15:45:00	12.359,46	8.769,42	18.282,50
15.02.2019	16:00:00	11.628,75	9.194,65	18.497,72
15.02.2019	16:15:00	11.277,18	9.726,10	18.805,60
15.02.2019	16:30:00	11.662,66	10.293,20	19.133,31
15.02.2019	16:45:00	12.075,53	10.878,43	19.636,80
15.02.2019	17:00:00	12.130,34	11.166,30	19.688,72
15.02.2019	17:15:00	12.361,74	11.563,20	20.034,93
15.02.2019	17:30:00	12.756,69	12.088,12	20.498,90
15.02.2019	17:45:00	13.330,53	12.768,10	21.175,35

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.02.2019	18:00:00	13.994,50	13.466,77	21.758,89
15.02.2019	18:15:00	15.211,91	14.703,16	23.025,53
15.02.2019	18:30:00	15.950,99	15.449,81	23.607,41
15.02.2019	18:45:00	15.856,01	15.355,08	23.448,20
15.02.2019	19:00:00	15.806,57	15.297,99	23.314,46
15.02.2019	19:15:00	15.891,07	15.379,90	23.128,86
15.02.2019	19:30:00	15.973,92	15.457,12	22.959,80
15.02.2019	19:45:00	15.580,56	15.050,22	22.401,60
15.02.2019	20:00:00	15.675,89	15.147,55	22.296,86
15.02.2019	20:15:00	15.252,44	14.716,07	21.597,67
15.02.2019	20:30:00	14.744,45	14.194,56	20.903,36
15.02.2019	20:45:00	14.571,89	14.024,20	20.677,90
15.02.2019	21:00:00	14.262,92	13.706,94	20.365,06
15.02.2019	21:15:00	14.312,65	13.749,78	20.130,52
15.02.2019	21:30:00	15.446,97	14.882,44	21.118,10
15.02.2019	21:45:00	15.201,28	14.634,16	20.931,99
15.02.2019	22:00:00	14.665,90	14.094,37	20.233,44
15.02.2019	22:15:00	14.513,37	13.937,94	19.784,23
15.02.2019	22:30:00	14.831,63	14.257,63	20.038,73
15.02.2019	22:45:00	15.376,57	14.807,97	20.333,24
15.02.2019	23:00:00	15.442,37	14.885,56	20.321,76
15.02.2019	23:15:00	14.788,04	14.256,81	19.500,40
15.02.2019	23:30:00	14.167,33	13.583,51	18.852,00
15.02.2019	23:45:00	13.607,01	13.015,53	18.180,56
16.02.2019	00:00:00	13.104,62	12.508,06	17.603,05
16.02.2019	00:15:00	12.613,08	12.011,39	17.028,77
16.02.2019	00:30:00	12.162,45	11.578,78	16.574,65
16.02.2019	00:45:00	11.740,96	11.246,02	16.239,84
16.02.2019	01:00:00	11.401,09	10.906,51	16.135,95
16.02.2019	01:15:00	11.196,58	10.705,36	15.941,67
16.02.2019	01:30:00	10.887,57	10.395,76	15.617,93
16.02.2019	01:45:00	10.746,65	10.253,11	15.495,37
16.02.2019	02:00:00	10.534,41	10.047,80	15.165,74
16.02.2019	02:15:00	10.380,59	9.884,29	14.952,65
16.02.2019	02:30:00	10.303,02	9.795,99	14.758,82
16.02.2019	02:45:00	10.061,49	9.547,54	14.449,97
16.02.2019	03:00:00	10.165,98	9.652,50	14.451,43
16.02.2019	03:15:00	10.222,29	9.618,81	14.394,43
16.02.2019	03:30:00	10.195,09	9.568,56	14.216,24
16.02.2019	03:45:00	10.258,94	9.633,87	14.165,76
16.02.2019	04:00:00	10.224,07	9.600,45	14.212,84
16.02.2019	04:15:00	10.312,47	9.684,48	14.195,05
16.02.2019	04:30:00	10.479,05	9.852,91	14.370,37
16.02.2019	04:45:00	10.372,56	9.749,15	14.394,42
16.02.2019	05:00:00	10.329,58	9.706,04	14.481,50
16.02.2019	05:15:00	10.422,05	9.815,83	14.673,33
16.02.2019	05:30:00	10.136,81	9.544,30	14.474,20
16.02.2019	05:45:00	10.369,04	9.778,13	14.901,67
16.02.2019	06:00:00	10.574,29	9.991,14	15.201,94
16.02.2019	06:15:00	10.457,81	9.897,02	15.293,48
16.02.2019	06:30:00	10.431,10	9.878,91	15.310,83
16.02.2019	06:45:00	10.169,46	9.616,34	15.095,82
16.02.2019	07:00:00	10.231,88	9.676,64	15.276,42
16.02.2019	07:15:00	10.673,41	10.123,27	15.844,73
16.02.2019	07:30:00	10.492,14	9.922,98	15.794,54
16.02.2019	07:45:00	10.865,77	10.277,83	16.082,94
16.02.2019	08:00:00	11.202,07	10.565,82	16.497,60
16.02.2019	08:15:00	11.313,68	10.599,88	16.688,62
16.02.2019	08:30:00	11.268,39	10.380,52	16.466,80
16.02.2019	08:45:00	11.433,25	10.280,46	16.204,36
16.02.2019	09:00:00	11.661,88	10.206,80	16.111,49
16.02.2019	09:15:00	11.902,37	10.069,20	15.785,00
16.02.2019	09:30:00	11.970,37	9.743,79	15.405,90
16.02.2019	09:45:00	12.288,60	9.662,49	15.455,88
16.02.2019	10:00:00	12.498,16	9.484,46	15.309,13
16.02.2019	10:15:00	12.814,21	9.417,11	15.280,00
16.02.2019	10:30:00	12.922,86	9.184,11	15.039,50
16.02.2019	10:45:00	13.025,67	8.997,15	14.645,65
16.02.2019	11:00:00	12.979,85	8.659,88	14.162,92
16.02.2019	11:15:00	13.074,05	8.503,98	14.062,72
16.02.2019	11:30:00	13.407,54	8.620,98	14.187,83

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.02.2019	11:45:00	13.501,72	8.538,57	14.081,66
16.02.2019	12:00:00	13.712,29	8.594,57	14.020,92
16.02.2019	12:15:00	13.691,10	8.475,10	13.704,59
16.02.2019	12:30:00	14.015,32	8.695,33	13.770,04
16.02.2019	12:45:00	13.852,65	8.487,45	13.378,31
16.02.2019	13:00:00	13.571,04	8.170,23	13.140,63
16.02.2019	13:15:00	13.385,45	7.963,30	12.870,30
16.02.2019	13:30:00	13.508,61	8.089,86	12.950,72
16.02.2019	13:45:00	13.394,63	8.014,58	12.853,44
16.02.2019	14:00:00	12.946,93	7.647,96	12.524,88
16.02.2019	14:15:00	12.767,27	7.536,41	12.325,59
16.02.2019	14:30:00	12.530,42	7.380,69	12.184,44
16.02.2019	14:45:00	12.397,78	7.404,14	12.187,68
16.02.2019	15:00:00	12.391,84	7.475,37	12.264,09
16.02.2019	15:15:00	12.299,10	7.576,15	12.299,54
16.02.2019	15:30:00	12.266,25	7.817,96	12.517,77
16.02.2019	15:45:00	11.757,37	7.908,97	12.577,82
16.02.2019	16:00:00	11.065,10	8.310,36	13.001,62
16.02.2019	16:15:00	10.465,94	8.696,07	13.369,25
16.02.2019	16:30:00	10.580,61	9.116,76	13.813,77
16.02.2019	16:45:00	10.983,42	9.688,12	14.375,12
16.02.2019	17:00:00	11.221,54	10.162,36	14.918,08
16.02.2019	17:15:00	11.640,55	10.736,63	15.575,54
16.02.2019	17:30:00	12.154,20	11.394,55	16.168,93
16.02.2019	17:45:00	12.561,02	11.935,25	16.729,16
16.02.2019	18:00:00	13.224,67	12.652,76	17.544,90
16.02.2019	18:15:00	14.533,45	13.983,90	18.961,32
16.02.2019	18:30:00	15.027,66	14.496,04	19.495,28
16.02.2019	18:45:00	15.021,09	14.577,47	19.580,12
16.02.2019	19:00:00	14.987,51	14.540,32	19.557,46
16.02.2019	19:15:00	15.053,08	14.604,20	19.580,44
16.02.2019	19:30:00	15.094,32	14.653,70	19.603,64
16.02.2019	19:45:00	14.903,90	14.468,05	19.363,16
16.02.2019	20:00:00	14.790,50	14.348,38	19.171,14
16.02.2019	20:15:00	14.468,20	14.013,34	18.632,73
16.02.2019	20:30:00	14.072,29	13.607,16	18.033,71
16.02.2019	20:45:00	13.969,19	13.499,68	17.876,92
16.02.2019	21:00:00	13.719,62	13.246,32	17.559,24
16.02.2019	21:15:00	13.749,37	13.278,10	17.576,86
16.02.2019	21:30:00	14.867,03	14.330,86	18.577,37
16.02.2019	21:45:00	14.503,97	13.935,88	18.136,01
16.02.2019	22:00:00	14.117,45	13.544,62	17.752,46
16.02.2019	22:15:00	14.184,08	13.612,59	17.848,34
16.02.2019	22:30:00	14.340,29	13.770,31	17.955,91
16.02.2019	22:45:00	14.762,59	14.208,43	18.281,00
16.02.2019	23:00:00	14.899,70	14.318,36	18.315,50
16.02.2019	23:15:00	14.361,78	13.772,68	17.735,38
16.02.2019	23:30:00	13.818,23	13.224,94	17.126,00
16.02.2019	23:45:00	13.257,02	12.659,01	16.518,32
17.02.2019	00:00:00	12.784,61	12.184,68	16.032,71
17.02.2019	00:15:00	12.331,74	11.729,05	15.483,93
17.02.2019	00:30:00	11.921,35	11.313,87	15.010,06
17.02.2019	00:45:00	11.449,61	10.839,54	14.515,55
17.02.2019	01:00:00	11.134,63	10.528,73	14.213,53
17.02.2019	01:15:00	10.896,95	10.287,89	13.994,02
17.02.2019	01:30:00	10.715,17	10.105,84	13.847,12
17.02.2019	01:45:00	10.648,15	10.046,69	13.793,51
17.02.2019	02:00:00	10.487,97	9.876,82	13.564,12
17.02.2019	02:15:00	10.299,77	9.675,44	13.469,23
17.02.2019	02:30:00	10.185,66	9.558,57	13.400,24
17.02.2019	02:45:00	10.080,28	9.452,10	13.257,92
17.02.2019	03:00:00	9.992,85	9.362,82	13.162,78
17.02.2019	03:15:00	9.889,13	9.258,59	13.043,90
17.02.2019	03:30:00	9.913,06	9.313,46	13.036,97
17.02.2019	03:45:00	10.084,60	9.531,24	13.207,13
17.02.2019	04:00:00	10.008,39	9.455,09	13.179,62
17.02.2019	04:15:00	10.258,67	9.707,24	13.389,02
17.02.2019	04:30:00	10.171,22	9.622,00	13.303,79
17.02.2019	04:45:00	10.017,67	9.466,55	13.166,04
17.02.2019	05:00:00	9.977,07	9.424,03	13.111,95
17.02.2019	05:15:00	9.878,28	9.321,27	13.099,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.02.2019	05:30:00	9.507,24	8.949,08	12.777,13
17.02.2019	05:45:00	9.653,34	9.112,22	12.923,08
17.02.2019	06:00:00	9.838,42	9.311,90	13.127,89
17.02.2019	06:15:00	9.558,52	9.022,72	12.856,07
17.02.2019	06:30:00	9.368,20	8.827,53	12.732,07
17.02.2019	06:45:00	8.975,48	8.434,83	12.380,94
17.02.2019	07:00:00	8.973,71	8.428,11	12.348,96
17.02.2019	07:15:00	9.144,45	8.602,11	12.517,69
17.02.2019	07:30:00	9.148,56	8.609,07	12.478,95
17.02.2019	07:45:00	9.607,28	9.031,67	12.922,78
17.02.2019	08:00:00	9.820,30	9.190,14	13.116,07
17.02.2019	08:15:00	9.760,66	9.043,74	12.946,52
17.02.2019	08:30:00	9.795,37	8.894,98	12.782,67
17.02.2019	08:45:00	10.057,81	8.878,36	12.755,28
17.02.2019	09:00:00	10.345,53	8.854,16	12.633,45
17.02.2019	09:15:00	10.578,84	8.679,39	12.429,42
17.02.2019	09:30:00	10.729,78	8.428,92	12.168,31
17.02.2019	09:45:00	10.849,99	8.138,92	11.856,59
17.02.2019	10:00:00	11.247,37	8.139,52	11.878,95
17.02.2019	10:15:00	11.508,16	8.017,09	11.774,63
17.02.2019	10:30:00	11.771,96	7.938,26	11.807,88
17.02.2019	10:45:00	12.139,15	7.976,69	11.797,64
17.02.2019	11:00:00	12.445,53	8.020,60	11.705,74
17.02.2019	11:15:00	12.697,08	8.027,41	11.770,50
17.02.2019	11:30:00	12.781,15	7.922,41	11.746,74
17.02.2019	11:45:00	13.075,39	8.017,23	11.762,36
17.02.2019	12:00:00	13.139,67	7.886,26	11.614,67
17.02.2019	12:15:00	13.135,43	7.822,74	11.564,96
17.02.2019	12:30:00	13.358,09	8.114,41	11.852,75
17.02.2019	12:45:00	13.242,97	7.856,16	11.552,97
17.02.2019	13:00:00	12.823,04	7.374,33	11.064,34
17.02.2019	13:15:00	12.580,45	7.081,23	10.767,90
17.02.2019	13:30:00	12.823,51	7.344,24	11.084,15
17.02.2019	13:45:00	12.560,74	7.175,52	10.811,58
17.02.2019	14:00:00	12.137,01	6.803,04	10.429,80
17.02.2019	14:15:00	11.838,83	6.586,92	10.297,82
17.02.2019	14:30:00	11.468,97	6.308,73	10.121,03
17.02.2019	14:45:00	11.424,27	6.424,94	10.185,06
17.02.2019	15:00:00	11.213,40	6.275,10	10.064,12
17.02.2019	15:15:00	11.230,38	6.489,81	10.263,00
17.02.2019	15:30:00	11.140,90	6.743,37	10.503,86
17.02.2019	15:45:00	11.057,85	7.215,06	10.977,11
17.02.2019	16:00:00	10.328,37	7.477,03	11.270,81
17.02.2019	16:15:00	9.606,36	7.691,84	11.493,60
17.02.2019	16:30:00	9.718,45	8.221,22	12.073,24
17.02.2019	16:45:00	10.164,99	8.791,89	12.595,85
17.02.2019	17:00:00	10.570,56	9.405,57	13.218,10
17.02.2019	17:15:00	11.094,86	10.122,86	14.040,42
17.02.2019	17:30:00	11.627,69	10.833,38	14.753,12
17.02.2019	17:45:00	12.203,04	11.548,68	15.453,25
17.02.2019	18:00:00	12.828,48	12.232,64	16.139,89
17.02.2019	18:15:00	13.889,66	13.314,05	17.602,53
17.02.2019	18:30:00	14.692,63	14.120,62	18.351,64
17.02.2019	18:45:00	14.795,25	14.232,29	18.414,43
17.02.2019	19:00:00	14.869,57	14.303,51	18.539,14
17.02.2019	19:15:00	14.801,08	14.236,26	18.563,95
17.02.2019	19:30:00	14.910,77	14.346,96	18.601,48
17.02.2019	19:45:00	14.698,25	14.125,13	18.312,91
17.02.2019	20:00:00	14.446,53	13.872,34	18.068,62
17.02.2019	20:15:00	14.310,88	13.733,73	17.885,13
17.02.2019	20:30:00	14.137,10	13.558,74	17.641,00
17.02.2019	20:45:00	13.861,69	13.282,02	17.240,12
17.02.2019	21:00:00	13.554,93	12.968,04	16.979,92
17.02.2019	21:15:00	13.677,02	13.090,82	17.232,38
17.02.2019	21:30:00	14.540,11	13.962,75	18.114,25
17.02.2019	21:45:00	14.095,18	13.512,98	17.681,79
17.02.2019	22:00:00	13.736,26	13.152,38	17.374,70
17.02.2019	22:15:00	13.529,79	12.942,42	17.142,56
17.02.2019	22:30:00	13.361,65	12.773,98	16.985,24
17.02.2019	22:45:00	13.616,46	13.027,40	17.231,59
17.02.2019	23:00:00	13.726,24	13.139,37	17.417,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.02.2019	23:15:00	13.189,32	12.597,37	16.880,28
17.02.2019	23:30:00	12.765,00	12.167,17	16.528,02
17.02.2019	23:45:00	12.231,50	11.629,23	16.010,05
18.02.2019	00:00:00	11.646,68	11.038,26	15.271,76
18.02.2019	00:15:00	11.229,30	10.615,57	14.892,34
18.02.2019	00:30:00	10.760,75	10.143,60	14.450,97
18.02.2019	00:45:00	10.383,97	9.763,62	14.001,17
18.02.2019	01:00:00	10.133,03	9.511,95	13.838,54
18.02.2019	01:15:00	9.929,20	9.307,78	13.730,44
18.02.2019	01:30:00	9.839,12	9.218,45	13.633,28
18.02.2019	01:45:00	9.814,49	9.188,70	13.465,40
18.02.2019	02:00:00	9.798,76	9.173,18	13.448,67
18.02.2019	02:15:00	9.836,67	9.209,63	13.521,26
18.02.2019	02:30:00	9.838,67	9.213,21	13.559,06
18.02.2019	02:45:00	9.756,13	9.131,42	13.484,59
18.02.2019	03:00:00	9.908,91	9.288,72	13.752,42
18.02.2019	03:15:00	9.882,37	9.256,27	13.849,41
18.02.2019	03:30:00	9.882,85	9.255,19	13.815,65
18.02.2019	03:45:00	10.115,42	9.492,27	13.969,69
18.02.2019	04:00:00	10.115,28	9.488,92	14.002,15
18.02.2019	04:15:00	10.409,47	9.785,59	14.337,62
18.02.2019	04:30:00	10.486,49	9.865,48	14.460,37
18.02.2019	04:45:00	10.457,44	9.834,78	14.492,73
18.02.2019	05:00:00	10.571,37	9.957,22	14.759,30
18.02.2019	05:15:00	10.868,99	10.287,33	16.121,00
18.02.2019	05:30:00	10.596,04	10.040,74	16.339,82
18.02.2019	05:45:00	11.112,90	10.565,16	17.297,53
18.02.2019	06:00:00	11.473,78	10.929,55	18.403,34
18.02.2019	06:15:00	11.624,61	11.087,83	19.957,05
18.02.2019	06:30:00	11.691,32	11.179,12	21.012,56
18.02.2019	06:45:00	11.796,33	11.284,69	21.831,84
18.02.2019	07:00:00	12.269,98	11.784,16	23.081,05
18.02.2019	07:15:00	12.452,18	11.961,96	23.524,94
18.02.2019	07:30:00	12.158,24	11.666,42	23.591,78
18.02.2019	07:45:00	12.393,39	11.866,69	24.311,16
18.02.2019	08:00:00	12.391,09	11.811,26	24.523,61
18.02.2019	08:15:00	12.322,56	11.659,43	24.771,83
18.02.2019	08:30:00	12.148,09	11.279,75	24.404,48
18.02.2019	08:45:00	12.144,17	11.010,16	24.136,22
18.02.2019	09:00:00	12.239,04	10.804,36	23.760,28
18.02.2019	09:15:00	12.751,31	10.962,98	23.019,82
18.02.2019	09:30:00	12.525,44	10.338,50	22.393,51
18.02.2019	09:45:00	12.654,73	10.070,31	22.833,56
18.02.2019	10:00:00	12.669,62	9.715,37	22.980,90
18.02.2019	10:15:00	12.739,44	9.404,21	22.458,01
18.02.2019	10:30:00	12.629,84	8.950,31	21.930,66
18.02.2019	10:45:00	12.457,45	8.470,93	21.665,10
18.02.2019	11:00:00	12.424,46	8.168,90	21.743,43
18.02.2019	11:15:00	12.809,07	8.318,68	21.650,66
18.02.2019	11:30:00	13.096,39	8.394,94	21.681,22
18.02.2019	11:45:00	13.284,93	8.400,82	21.503,65
18.02.2019	12:00:00	13.324,66	8.294,62	20.898,07
18.02.2019	12:15:00	13.514,26	8.380,12	20.413,97
18.02.2019	12:30:00	13.906,54	8.649,46	20.361,35
18.02.2019	12:45:00	13.768,88	8.444,12	20.134,52
18.02.2019	13:00:00	13.456,05	8.096,53	19.988,89
18.02.2019	13:15:00	13.314,64	7.946,25	20.132,78
18.02.2019	13:30:00	13.122,23	7.772,83	20.032,97
18.02.2019	13:45:00	12.825,67	7.513,25	19.913,61
18.02.2019	14:00:00	12.705,37	7.471,15	19.826,97
18.02.2019	14:15:00	12.640,16	7.472,76	19.678,89
18.02.2019	14:30:00	12.565,35	7.505,26	19.727,22
18.02.2019	14:45:00	12.528,07	7.612,15	19.437,05
18.02.2019	15:00:00	12.482,14	7.710,79	19.503,51
18.02.2019	15:15:00	12.493,06	7.925,97	19.469,14
18.02.2019	15:30:00	12.569,82	8.242,60	19.441,97
18.02.2019	15:45:00	12.477,99	8.552,89	19.574,77
18.02.2019	16:00:00	11.896,18	8.977,22	19.743,70
18.02.2019	16:15:00	11.350,16	9.438,82	19.779,11
18.02.2019	16:30:00	11.221,53	9.834,27	19.907,27
18.02.2019	16:45:00	11.729,99	10.483,82	20.476,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.02.2019	17:00:00	11.924,05	10.867,39	20.524,34
18.02.2019	17:15:00	12.352,67	11.482,99	20.899,20
18.02.2019	17:30:00	12.712,33	12.020,07	21.241,90
18.02.2019	17:45:00	13.300,36	12.749,03	21.914,28
18.02.2019	18:00:00	13.898,58	13.389,84	22.505,95
18.02.2019	18:15:00	14.953,51	14.461,13	23.258,98
18.02.2019	18:30:00	15.609,73	15.121,10	23.705,96
18.02.2019	18:45:00	15.782,41	15.288,46	23.615,44
18.02.2019	19:00:00	15.514,86	15.016,37	23.417,34
18.02.2019	19:15:00	15.743,05	15.239,53	23.686,26
18.02.2019	19:30:00	15.753,33	15.235,04	23.420,38
18.02.2019	19:45:00	15.504,65	14.987,19	23.213,52
18.02.2019	20:00:00	15.365,71	14.844,66	22.931,10
18.02.2019	20:15:00	15.122,61	14.578,60	22.655,29
18.02.2019	20:30:00	14.987,62	14.427,87	22.430,45
18.02.2019	20:45:00	14.823,51	14.261,36	22.111,23
18.02.2019	21:00:00	14.542,37	13.976,14	21.676,23
18.02.2019	21:15:00	14.497,01	13.926,55	21.473,47
18.02.2019	21:30:00	15.291,74	14.726,94	22.253,06
18.02.2019	21:45:00	14.896,15	14.329,70	21.724,18
18.02.2019	22:00:00	14.311,11	13.737,87	20.790,13
18.02.2019	22:15:00	13.980,20	13.399,52	20.196,24
18.02.2019	22:30:00	13.822,97	13.239,22	19.803,46
18.02.2019	22:45:00	13.978,55	13.395,45	19.598,23
18.02.2019	23:00:00	13.916,75	13.330,96	19.226,36
18.02.2019	23:15:00	13.263,54	12.673,21	18.370,02
18.02.2019	23:30:00	12.613,14	12.020,39	17.639,06
18.02.2019	23:45:00	12.018,74	11.421,28	16.836,50
19.02.2019	00:00:00	11.546,73	10.940,88	16.304,14
19.02.2019	00:15:00	10.976,43	10.364,60	15.715,42
19.02.2019	00:30:00	10.611,91	9.999,45	15.371,74
19.02.2019	00:45:00	10.355,93	9.738,14	15.027,91
19.02.2019	01:00:00	10.056,29	9.435,29	14.942,08
19.02.2019	01:15:00	10.051,21	9.435,35	14.870,91
19.02.2019	01:30:00	9.938,88	9.319,26	14.765,28
19.02.2019	01:45:00	9.724,16	9.103,66	14.389,10
19.02.2019	02:00:00	9.695,20	9.071,35	14.254,16
19.02.2019	02:15:00	9.689,03	9.065,04	14.252,46
19.02.2019	02:30:00	9.902,16	9.279,35	14.521,12
19.02.2019	02:45:00	9.852,08	9.229,49	14.504,80
19.02.2019	03:00:00	9.916,26	9.294,83	14.605,88
19.02.2019	03:15:00	9.838,87	9.214,41	14.504,00
19.02.2019	03:30:00	9.783,57	9.161,00	14.429,81
19.02.2019	03:45:00	9.956,66	9.334,91	14.652,56
19.02.2019	04:00:00	9.955,18	9.332,93	14.656,45
19.02.2019	04:15:00	10.314,37	9.695,15	14.924,88
19.02.2019	04:30:00	10.327,23	9.709,19	14.966,34
19.02.2019	04:45:00	10.231,43	9.612,07	14.953,17
19.02.2019	05:00:00	10.363,74	9.748,83	15.448,63
19.02.2019	05:15:00	10.642,86	10.056,07	16.081,09
19.02.2019	05:30:00	10.362,66	9.801,12	16.229,95
19.02.2019	05:45:00	10.922,75	10.374,36	17.231,50
19.02.2019	06:00:00	11.199,57	10.653,50	18.000,34
19.02.2019	06:15:00	11.345,91	10.806,06	19.533,10
19.02.2019	06:30:00	11.539,06	11.023,20	20.636,78
19.02.2019	06:45:00	11.777,06	11.263,47	21.658,88
19.02.2019	07:00:00	12.136,57	11.650,32	22.617,70
19.02.2019	07:15:00	12.440,55	11.956,98	23.463,80
19.02.2019	07:30:00	12.240,95	11.747,11	23.711,84
19.02.2019	07:45:00	12.015,01	11.436,05	23.728,26
19.02.2019	08:00:00	11.965,81	11.213,07	23.792,00
19.02.2019	08:15:00	12.026,75	11.106,54	23.956,66
19.02.2019	08:30:00	12.249,76	11.288,27	24.248,58
19.02.2019	08:45:00	12.559,69	11.586,66	24.437,32
19.02.2019	09:00:00	12.771,59	11.757,33	24.567,17
19.02.2019	09:15:00	13.411,10	12.322,11	24.627,71
19.02.2019	09:30:00	12.889,56	11.331,00	23.826,99
19.02.2019	09:45:00	12.510,17	10.127,84	23.097,72
19.02.2019	10:00:00	12.631,36	9.687,58	22.448,36
19.02.2019	10:15:00	12.822,20	9.573,55	22.427,45
19.02.2019	10:30:00	12.577,43	9.836,09	22.836,36

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.02.2019	10:45:00	12.803,22	11.070,63	24.345,40
19.02.2019	11:00:00	13.135,07	11.647,31	25.189,71
19.02.2019	11:15:00	13.420,84	11.523,82	24.726,08
19.02.2019	11:30:00	13.380,52	11.025,25	23.851,06
19.02.2019	11:45:00	14.061,67	11.363,64	24.297,12
19.02.2019	12:00:00	13.719,68	10.998,43	23.989,34
19.02.2019	12:15:00	13.909,86	9.422,58	21.553,69
19.02.2019	12:30:00	14.473,49	9.633,32	21.134,02
19.02.2019	12:45:00	14.079,10	9.127,67	20.798,82
19.02.2019	13:00:00	13.800,05	9.134,45	21.057,46
19.02.2019	13:15:00	14.204,81	9.180,03	21.756,19
19.02.2019	13:30:00	13.377,72	11.433,08	24.327,34
19.02.2019	13:45:00	13.151,80	12.026,67	24.840,66
19.02.2019	14:00:00	13.297,70	11.971,68	24.760,43
19.02.2019	14:15:00	13.018,32	11.952,50	24.802,64
19.02.2019	14:30:00	12.847,25	11.962,39	24.699,97
19.02.2019	14:45:00	13.121,16	12.521,72	25.276,24
19.02.2019	15:00:00	12.992,53	12.320,85	25.041,90
19.02.2019	15:15:00	13.222,85	12.446,76	24.840,28
19.02.2019	15:30:00	13.220,10	12.652,09	24.417,48
19.02.2019	15:45:00	13.039,15	12.481,19	23.909,92
19.02.2019	16:00:00	13.028,65	12.418,57	23.469,85
19.02.2019	16:15:00	13.045,26	12.426,51	22.990,78
19.02.2019	16:30:00	13.254,14	12.699,99	23.011,03
19.02.2019	16:45:00	13.551,57	13.076,12	23.233,87
19.02.2019	17:00:00	13.880,08	13.453,22	23.295,78
19.02.2019	17:15:00	14.273,36	13.877,53	23.480,56
19.02.2019	17:30:00	14.821,55	14.422,87	23.844,22
19.02.2019	17:45:00	15.273,02	14.866,77	24.179,68
19.02.2019	18:00:00	16.128,79	15.727,54	24.911,36
19.02.2019	18:15:00	16.421,46	15.949,84	25.167,74
19.02.2019	18:30:00	16.443,60	15.974,51	24.954,90
19.02.2019	18:45:00	16.119,43	15.645,59	24.449,90
19.02.2019	19:00:00	15.977,02	15.490,95	24.322,57
19.02.2019	19:15:00	16.006,63	15.523,27	24.135,62
19.02.2019	19:30:00	16.106,10	15.601,92	23.925,12
19.02.2019	19:45:00	15.731,36	15.218,91	23.389,06
19.02.2019	20:00:00	15.423,71	14.896,01	22.994,23
19.02.2019	20:15:00	14.983,64	14.436,35	22.434,12
19.02.2019	20:30:00	14.966,67	14.415,18	22.151,11
19.02.2019	20:45:00	14.910,61	14.361,36	22.131,21
19.02.2019	21:00:00	14.414,30	13.853,32	21.424,62
19.02.2019	21:15:00	14.388,12	13.847,40	21.265,42
19.02.2019	21:30:00	15.411,68	14.899,35	22.155,78
19.02.2019	21:45:00	14.736,73	14.171,10	21.320,29
19.02.2019	22:00:00	14.305,57	13.746,55	20.583,40
19.02.2019	22:15:00	14.191,82	13.652,73	20.225,76
19.02.2019	22:30:00	13.908,13	13.323,23	19.673,42
19.02.2019	22:45:00	14.190,46	13.608,31	19.627,38
19.02.2019	23:00:00	14.260,39	13.691,16	19.593,90
19.02.2019	23:15:00	13.639,89	13.062,77	18.817,50
19.02.2019	23:30:00	12.990,14	12.407,50	18.011,23
19.02.2019	23:45:00	12.416,56	11.831,40	17.491,22
20.02.2019	00:00:00	11.758,36	11.175,67	16.732,89
20.02.2019	00:15:00	11.201,03	10.595,43	16.116,52
20.02.2019	00:30:00	10.841,20	10.239,95	15.605,04
20.02.2019	00:45:00	10.461,38	9.856,50	15.298,70
20.02.2019	01:00:00	10.015,27	9.410,57	15.023,85
20.02.2019	01:15:00	9.649,12	9.075,42	14.677,09
20.02.2019	01:30:00	9.448,66	8.821,04	14.323,54
20.02.2019	01:45:00	9.275,95	8.651,55	14.106,66
20.02.2019	02:00:00	9.308,08	8.691,47	14.057,62
20.02.2019	02:15:00	9.348,67	8.729,67	14.048,62
20.02.2019	02:30:00	9.448,72	8.827,47	14.187,50
20.02.2019	02:45:00	9.251,13	8.640,83	14.033,51
20.02.2019	03:00:00	9.283,05	8.658,26	13.957,78
20.02.2019	03:15:00	9.182,73	8.545,84	13.899,60
20.02.2019	03:30:00	9.041,87	8.411,95	13.743,53
20.02.2019	03:45:00	9.085,89	8.507,91	13.754,71
20.02.2019	04:00:00	9.352,66	8.841,30	14.053,83
20.02.2019	04:15:00	9.680,20	9.270,39	14.638,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.02.2019	04:30:00	9.967,27	9.660,41	15.049,66
20.02.2019	04:45:00	10.020,47	9.718,10	15.188,54
20.02.2019	05:00:00	10.242,90	9.948,27	15.694,23
20.02.2019	05:15:00	10.580,10	10.224,76	16.614,88
20.02.2019	05:30:00	10.497,99	10.034,51	16.812,24
20.02.2019	05:45:00	10.995,30	10.441,61	17.595,67
20.02.2019	06:00:00	11.151,41	10.602,62	18.387,94
20.02.2019	06:15:00	11.324,65	10.787,21	19.862,51
20.02.2019	06:30:00	11.724,45	11.213,38	20.987,10
20.02.2019	06:45:00	11.615,40	11.100,13	21.635,71
20.02.2019	07:00:00	12.027,34	11.534,38	22.891,52
20.02.2019	07:15:00	12.367,75	11.877,50	23.648,99
20.02.2019	07:30:00	12.123,56	11.632,58	23.950,66
20.02.2019	07:45:00	12.218,03	11.726,66	24.467,95
20.02.2019	08:00:00	12.384,16	11.841,09	24.688,71
20.02.2019	08:15:00	12.634,79	12.071,09	25.281,87
20.02.2019	08:30:00	12.664,33	12.019,43	25.526,51
20.02.2019	08:45:00	12.831,25	12.030,73	25.658,93
20.02.2019	09:00:00	13.140,97	12.352,35	25.871,86
20.02.2019	09:15:00	13.818,21	13.007,20	25.943,58
20.02.2019	09:30:00	13.679,48	12.335,34	25.270,96
20.02.2019	09:45:00	13.621,35	12.309,92	25.685,96
20.02.2019	10:00:00	13.572,60	12.259,84	25.918,82
20.02.2019	10:15:00	13.598,54	11.639,57	25.246,19
20.02.2019	10:30:00	13.546,39	11.029,43	24.492,42
20.02.2019	10:45:00	13.362,52	10.853,91	24.475,98
20.02.2019	11:00:00	13.146,60	10.499,20	24.009,66
20.02.2019	11:15:00	13.386,11	9.990,54	23.032,34
20.02.2019	11:30:00	13.408,46	9.333,50	22.474,38
20.02.2019	11:45:00	13.687,11	9.209,98	22.237,58
20.02.2019	12:00:00	14.278,83	9.435,00	22.230,04
20.02.2019	12:15:00	14.973,13	9.952,50	22.194,43
20.02.2019	12:30:00	14.358,81	9.597,45	21.423,39
20.02.2019	12:45:00	13.765,33	10.509,62	22.733,25
20.02.2019	13:00:00	13.243,87	10.898,06	23.232,75
20.02.2019	13:15:00	13.418,00	10.327,61	22.908,57
20.02.2019	13:30:00	13.332,52	10.113,69	22.977,58
20.02.2019	13:45:00	13.306,70	9.367,17	22.132,62
20.02.2019	14:00:00	13.147,67	8.960,03	21.665,36
20.02.2019	14:15:00	13.661,34	9.190,49	21.738,81
20.02.2019	14:30:00	12.601,64	9.093,68	21.361,17
20.02.2019	14:45:00	12.044,72	9.420,63	21.396,17
20.02.2019	15:00:00	12.085,02	8.828,47	20.805,06
20.02.2019	15:15:00	12.611,68	8.488,37	20.123,14
20.02.2019	15:30:00	12.600,61	9.663,36	21.224,59
20.02.2019	15:45:00	12.963,83	9.959,15	21.425,31
20.02.2019	16:00:00	12.560,79	9.901,10	21.121,43
20.02.2019	16:15:00	12.022,38	10.267,85	20.966,60
20.02.2019	16:30:00	12.234,43	10.709,59	21.198,39
20.02.2019	16:45:00	12.426,84	11.190,03	21.428,16
20.02.2019	17:00:00	12.500,19	11.450,74	21.388,06
20.02.2019	17:15:00	12.861,97	12.013,16	21.777,20
20.02.2019	17:30:00	13.109,26	12.393,60	21.969,50
20.02.2019	17:45:00	13.572,24	12.961,42	22.587,55
20.02.2019	18:00:00	14.136,38	13.623,32	22.988,01
20.02.2019	18:15:00	14.978,63	14.483,71	23.847,98
20.02.2019	18:30:00	15.756,26	15.269,06	24.534,95
20.02.2019	18:45:00	16.052,50	15.559,04	24.469,23
20.02.2019	19:00:00	16.038,88	15.542,46	24.365,20
20.02.2019	19:15:00	16.067,27	15.568,27	24.274,06
20.02.2019	19:30:00	15.988,31	15.474,52	24.243,05
20.02.2019	19:45:00	15.759,02	15.241,11	23.941,15
20.02.2019	20:00:00	15.424,52	14.897,37	23.498,95
20.02.2019	20:15:00	15.317,36	14.772,68	23.145,22
20.02.2019	20:30:00	15.250,09	14.695,14	22.843,58
20.02.2019	20:45:00	14.947,92	14.392,56	22.317,70
20.02.2019	21:00:00	14.563,94	13.997,50	21.896,22
20.02.2019	21:15:00	14.507,23	13.934,64	21.625,46
20.02.2019	21:30:00	15.716,82	15.147,37	22.729,94
20.02.2019	21:45:00	15.244,17	14.671,12	22.101,81
20.02.2019	22:00:00	14.679,19	14.103,93	21.268,39

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.02.2019	22:15:00	14.459,22	13.876,05	20.691,58
20.02.2019	22:30:00	13.822,42	13.234,44	19.875,94
20.02.2019	22:45:00	14.086,01	13.499,30	19.748,74
20.02.2019	23:00:00	14.034,73	13.443,93	19.608,88
20.02.2019	23:15:00	13.517,06	12.923,54	18.863,49
20.02.2019	23:30:00	12.832,37	12.230,89	18.013,02
20.02.2019	23:45:00	12.173,70	11.566,77	17.157,96
21.02.2019	00:00:00	11.672,13	11.060,81	16.572,25
21.02.2019	00:15:00	11.239,87	10.624,44	16.137,11
21.02.2019	00:30:00	10.942,69	10.323,25	15.841,93
21.02.2019	00:45:00	10.525,87	9.902,17	15.395,09
21.02.2019	01:00:00	10.289,33	9.663,97	15.197,55
21.02.2019	01:15:00	10.241,74	9.615,47	15.113,94
21.02.2019	01:30:00	10.064,59	9.435,17	14.804,86
21.02.2019	01:45:00	9.918,79	9.376,93	14.785,55
21.02.2019	02:00:00	9.808,59	9.289,16	14.665,55
21.02.2019	02:15:00	9.922,60	9.406,12	14.833,77
21.02.2019	02:30:00	9.902,13	9.382,56	14.668,00
21.02.2019	02:45:00	9.859,84	9.339,48	14.613,95
21.02.2019	03:00:00	9.864,08	9.345,58	14.680,19
21.02.2019	03:15:00	9.840,94	9.325,24	14.568,33
21.02.2019	03:30:00	9.911,15	9.390,69	14.698,10
21.02.2019	03:45:00	10.080,67	9.564,69	14.971,32
21.02.2019	04:00:00	10.314,30	9.726,41	15.119,12
21.02.2019	04:15:00	10.491,37	9.870,50	15.208,85
21.02.2019	04:30:00	10.299,98	9.677,94	15.161,82
21.02.2019	04:45:00	10.199,51	9.602,80	15.241,20
21.02.2019	05:00:00	10.513,19	10.105,44	15.893,70
21.02.2019	05:15:00	10.543,19	10.151,36	16.439,74
21.02.2019	05:30:00	10.338,49	9.969,43	16.577,61
21.02.2019	05:45:00	10.808,60	10.512,29	17.464,67
21.02.2019	06:00:00	11.128,87	10.687,07	18.350,53
21.02.2019	06:15:00	11.217,71	10.730,70	19.767,39
21.02.2019	06:30:00	11.512,08	11.052,22	20.840,05
21.02.2019	06:45:00	11.680,11	11.229,34	21.573,10
21.02.2019	07:00:00	12.033,52	11.604,10	22.540,57
21.02.2019	07:15:00	12.422,92	11.990,10	23.462,15
21.02.2019	07:30:00	12.219,71	11.780,50	23.935,82
21.02.2019	07:45:00	12.048,05	11.552,23	23.933,03
21.02.2019	08:00:00	11.920,00	11.351,53	24.008,14
21.02.2019	08:15:00	12.034,57	11.348,58	24.251,38
21.02.2019	08:30:00	11.933,74	11.068,01	24.085,20
21.02.2019	08:45:00	11.869,69	10.795,03	24.106,41
21.02.2019	09:00:00	11.871,15	10.542,97	23.909,07
21.02.2019	09:15:00	12.324,91	10.500,90	23.048,97
21.02.2019	09:30:00	12.313,71	10.256,86	22.811,21
21.02.2019	09:45:00	12.650,16	10.443,86	23.660,55
21.02.2019	10:00:00	12.538,16	10.087,32	23.119,37
21.02.2019	10:15:00	12.575,31	9.541,29	22.491,85
21.02.2019	10:30:00	12.502,00	9.104,16	22.140,24
21.02.2019	10:45:00	12.496,62	9.084,66	22.296,38
21.02.2019	11:00:00	12.301,63	8.637,25	21.701,97
21.02.2019	11:15:00	12.613,46	8.376,55	21.737,68
21.02.2019	11:30:00	12.695,43	8.276,51	21.803,28
21.02.2019	11:45:00	12.881,27	8.288,47	21.463,34
21.02.2019	12:00:00	13.230,95	8.779,51	21.601,58
21.02.2019	12:15:00	13.237,17	8.499,85	20.907,01
21.02.2019	12:30:00	13.293,44	9.211,35	21.182,22
21.02.2019	12:45:00	12.851,85	9.052,03	21.347,20
21.02.2019	13:00:00	13.230,79	8.186,64	20.576,09
21.02.2019	13:15:00	12.961,71	7.779,35	20.338,25
21.02.2019	13:30:00	12.648,65	7.527,30	20.374,24
21.02.2019	13:45:00	12.517,00	7.173,24	19.758,66
21.02.2019	14:00:00	12.820,05	7.524,38	20.019,86
21.02.2019	14:15:00	12.297,69	9.468,25	21.972,57
21.02.2019	14:30:00	12.173,51	10.363,40	22.991,55
21.02.2019	14:45:00	12.097,93	10.148,80	22.552,56
21.02.2019	15:00:00	11.883,06	10.085,80	22.488,28
21.02.2019	15:15:00	12.834,23	8.957,00	21.173,95
21.02.2019	15:30:00	12.022,44	10.215,73	22.182,89
21.02.2019	15:45:00	11.885,88	10.753,21	22.397,38

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.02.2019	16:00:00	12.046,49	10.368,05	21.614,07
21.02.2019	16:15:00	12.004,35	10.543,56	21.355,79
21.02.2019	16:30:00	12.081,77	10.869,29	21.394,03
21.02.2019	16:45:00	12.190,83	11.237,00	21.644,70
21.02.2019	17:00:00	12.500,43	11.687,11	21.967,90
21.02.2019	17:15:00	12.980,78	12.334,13	22.413,85
21.02.2019	17:30:00	13.234,14	12.609,36	22.466,70
21.02.2019	17:45:00	13.514,28	12.945,53	22.605,03
21.02.2019	18:00:00	13.844,45	13.348,91	22.758,39
21.02.2019	18:15:00	14.623,90	14.146,54	23.388,50
21.02.2019	18:30:00	15.585,32	15.118,92	24.245,00
21.02.2019	18:45:00	15.704,99	15.240,54	24.195,93
21.02.2019	19:00:00	15.755,00	15.274,07	24.035,48
21.02.2019	19:15:00	15.913,57	15.425,57	24.064,41
21.02.2019	19:30:00	15.813,76	15.297,86	23.953,50
21.02.2019	19:45:00	15.636,99	15.114,16	23.633,44
21.02.2019	20:00:00	15.266,78	14.744,26	23.136,88
21.02.2019	20:15:00	14.971,06	14.439,84	22.498,66
21.02.2019	20:30:00	14.988,54	14.449,98	22.433,51
21.02.2019	20:45:00	14.577,02	14.027,83	21.867,34
21.02.2019	21:00:00	14.126,68	13.571,77	21.330,13
21.02.2019	21:15:00	14.132,23	13.574,61	21.269,91
21.02.2019	21:30:00	14.928,69	14.380,04	21.878,09
21.02.2019	21:45:00	14.285,48	13.711,29	21.110,51
21.02.2019	22:00:00	13.812,17	13.225,45	20.374,31
21.02.2019	22:15:00	13.416,34	12.820,55	19.791,29
21.02.2019	22:30:00	13.029,41	12.433,11	19.262,53
21.02.2019	22:45:00	13.194,79	12.597,19	19.013,02
21.02.2019	23:00:00	13.148,23	12.544,98	18.719,90
21.02.2019	23:15:00	12.424,92	11.816,52	17.848,53
21.02.2019	23:30:00	11.767,66	11.152,45	17.065,86
21.02.2019	23:45:00	11.126,84	10.505,02	16.264,94
22.02.2019	00:00:00	10.442,12	9.813,94	15.509,80
22.02.2019	00:15:00	9.916,27	9.330,65	14.929,12
22.02.2019	00:30:00	9.471,65	8.959,57	14.525,34
22.02.2019	00:45:00	9.130,54	8.606,35	14.197,22
22.02.2019	01:00:00	8.865,54	8.339,42	13.931,10
22.02.2019	01:15:00	8.668,60	8.140,62	13.685,65
22.02.2019	01:30:00	8.474,57	7.941,32	13.480,71
22.02.2019	01:45:00	8.193,86	7.658,29	13.027,99
22.02.2019	02:00:00	8.075,75	7.543,04	12.945,97
22.02.2019	02:15:00	8.062,23	7.526,11	12.969,22
22.02.2019	02:30:00	8.041,58	7.506,15	12.977,08
22.02.2019	02:45:00	8.018,56	7.482,97	12.957,14
22.02.2019	03:00:00	8.145,13	7.595,91	12.998,76
22.02.2019	03:15:00	8.093,53	7.445,25	12.785,44
22.02.2019	03:30:00	8.155,13	7.504,98	12.924,69
22.02.2019	03:45:00	8.275,37	7.626,29	12.889,72
22.02.2019	04:00:00	8.160,09	7.509,93	12.723,04
22.02.2019	04:15:00	8.347,22	7.700,81	13.043,19
22.02.2019	04:30:00	8.457,17	7.808,20	13.157,02
22.02.2019	04:45:00	8.450,96	7.805,45	13.218,24
22.02.2019	05:00:00	8.639,54	8.001,52	13.715,06
22.02.2019	05:15:00	8.970,16	8.360,53	14.677,92
22.02.2019	05:30:00	9.109,16	8.510,79	14.934,88
22.02.2019	05:45:00	9.553,56	8.984,87	15.781,08
22.02.2019	06:00:00	10.030,02	9.466,30	17.039,56
22.02.2019	06:15:00	10.289,92	9.740,04	18.455,88
22.02.2019	06:30:00	10.578,38	10.041,12	19.662,60
22.02.2019	06:45:00	10.848,26	10.319,36	20.573,36
22.02.2019	07:00:00	11.097,01	10.592,77	21.325,10
22.02.2019	07:15:00	11.688,81	11.185,08	22.590,86
22.02.2019	07:30:00	11.537,55	11.048,63	23.111,97
22.02.2019	07:45:00	11.655,83	11.155,27	23.480,89
22.02.2019	08:00:00	12.002,86	11.463,20	24.146,45
22.02.2019	08:15:00	12.334,25	11.828,77	24.949,86
22.02.2019	08:30:00	12.793,22	12.293,24	25.649,35
22.02.2019	08:45:00	12.882,16	12.370,34	25.683,22
22.02.2019	09:00:00	13.228,70	12.692,41	26.162,28
22.02.2019	09:15:00	13.788,84	13.245,94	26.188,74
22.02.2019	09:30:00	13.615,75	12.935,52	25.910,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.02.2019	09:45:00	13.660,48	12.722,76	25.854,74
22.02.2019	10:00:00	13.802,69	12.735,58	26.112,75
22.02.2019	10:15:00	13.826,25	12.892,37	25.961,99
22.02.2019	10:30:00	13.802,10	12.895,46	26.240,94
22.02.2019	10:45:00	13.771,35	12.815,20	26.184,16
22.02.2019	11:00:00	13.508,12	12.512,97	25.866,65
22.02.2019	11:15:00	13.826,86	12.581,44	25.986,30
22.02.2019	11:30:00	13.746,23	12.768,50	25.948,12
22.02.2019	11:45:00	13.674,53	12.436,21	25.597,52
22.02.2019	12:00:00	13.839,12	12.394,56	25.027,72
22.02.2019	12:15:00	14.667,85	12.719,75	24.823,84
22.02.2019	12:30:00	14.912,87	13.487,77	25.281,38
22.02.2019	12:45:00	14.406,84	12.738,01	24.536,59
22.02.2019	13:00:00	13.988,29	12.235,04	23.796,67
22.02.2019	13:15:00	13.948,50	11.715,01	23.277,12
22.02.2019	13:30:00	13.492,70	10.855,33	22.384,12
22.02.2019	13:45:00	13.911,43	11.297,78	23.003,88
22.02.2019	14:00:00	13.235,12	11.838,41	23.524,75
22.02.2019	14:15:00	13.043,21	11.548,57	23.108,86
22.02.2019	14:30:00	12.975,82	11.586,34	23.226,06
22.02.2019	14:45:00	12.983,36	11.713,86	23.030,86
22.02.2019	15:00:00	12.720,27	11.217,78	22.210,19
22.02.2019	15:15:00	12.434,53	9.719,21	20.300,65
22.02.2019	15:30:00	13.664,78	9.630,68	19.884,93
22.02.2019	15:45:00	13.805,11	10.087,16	19.926,98
22.02.2019	16:00:00	12.208,99	10.801,89	20.551,66
22.02.2019	16:15:00	12.208,73	9.826,22	19.217,62
22.02.2019	16:30:00	11.938,78	9.984,83	19.377,18
22.02.2019	16:45:00	12.085,94	10.705,76	19.887,19
22.02.2019	17:00:00	12.486,36	11.341,02	20.430,76
22.02.2019	17:15:00	12.846,62	11.843,98	20.797,94
22.02.2019	17:30:00	13.167,31	12.300,89	21.053,37
22.02.2019	17:45:00	13.418,77	12.743,61	21.475,63
22.02.2019	18:00:00	13.857,35	13.333,65	21.927,48
22.02.2019	18:15:00	14.489,55	14.084,26	22.655,38
22.02.2019	18:30:00	15.520,58	15.138,00	23.598,83
22.02.2019	18:45:00	15.820,76	15.432,61	23.806,98
22.02.2019	19:00:00	15.526,57	15.132,40	23.303,36
22.02.2019	19:15:00	15.569,32	15.166,97	23.330,84
22.02.2019	19:30:00	15.605,39	15.194,99	23.206,98
22.02.2019	19:45:00	15.431,50	15.010,91	22.709,68
22.02.2019	20:00:00	15.217,63	14.785,52	22.305,15
22.02.2019	20:15:00	14.836,46	14.391,96	21.761,35
22.02.2019	20:30:00	14.558,27	14.116,33	21.276,15
22.02.2019	20:45:00	14.524,91	14.080,60	21.080,58
22.02.2019	21:00:00	13.975,83	13.498,43	20.405,46
22.02.2019	21:15:00	13.952,82	13.392,28	20.246,04
22.02.2019	21:30:00	15.244,15	14.690,24	21.387,06
22.02.2019	21:45:00	14.694,90	14.124,08	20.886,90
22.02.2019	22:00:00	14.280,04	13.710,80	20.427,15
22.02.2019	22:15:00	14.509,51	13.946,86	20.217,60
22.02.2019	22:30:00	14.737,96	14.174,97	20.250,13
22.02.2019	22:45:00	15.122,80	14.558,62	20.518,00
22.02.2019	23:00:00	15.141,29	14.590,70	20.262,75
22.02.2019	23:15:00	14.484,75	13.900,77	19.527,44
22.02.2019	23:30:00	13.834,13	13.246,97	18.505,58
22.02.2019	23:45:00	13.238,01	12.643,70	17.887,30
23.02.2019	00:00:00	12.632,38	12.034,94	17.173,74
23.02.2019	00:15:00	11.939,80	11.331,83	16.509,58
23.02.2019	00:30:00	11.601,28	10.993,82	15.916,88
23.02.2019	00:45:00	11.221,30	10.616,23	15.657,76
23.02.2019	01:00:00	10.887,60	10.278,52	15.390,49
23.02.2019	01:15:00	10.639,97	10.033,73	15.009,97
23.02.2019	01:30:00	10.429,34	9.821,17	14.886,84
23.02.2019	01:45:00	10.136,32	9.525,95	14.695,86
23.02.2019	02:00:00	9.981,93	9.384,83	14.479,90
23.02.2019	02:15:00	10.014,15	9.487,08	14.469,18
23.02.2019	02:30:00	9.861,47	9.354,09	14.225,48
23.02.2019	02:45:00	9.912,19	9.399,16	14.345,48
23.02.2019	03:00:00	10.019,48	9.508,86	14.413,83
23.02.2019	03:15:00	9.882,91	9.372,03	14.081,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.02.2019	03:30:00	9.741,92	9.236,16	13.780,16
23.02.2019	03:45:00	9.813,80	9.309,67	13.837,60
23.02.2019	04:00:00	9.880,13	9.378,62	13.898,35
23.02.2019	04:15:00	10.114,69	9.635,71	14.084,76
23.02.2019	04:30:00	10.060,36	9.578,64	14.125,13
23.02.2019	04:45:00	9.842,47	9.328,31	13.967,33
23.02.2019	05:00:00	10.019,53	9.431,45	14.138,90
23.02.2019	05:15:00	9.858,29	9.268,32	14.298,43
23.02.2019	05:30:00	9.596,76	9.015,02	14.224,51
23.02.2019	05:45:00	9.798,36	9.220,11	14.581,02
23.02.2019	06:00:00	10.064,52	9.493,48	15.023,68
23.02.2019	06:15:00	10.030,74	9.465,65	15.081,96
23.02.2019	06:30:00	9.987,37	9.443,62	15.259,84
23.02.2019	06:45:00	9.728,48	9.245,61	15.122,43
23.02.2019	07:00:00	9.664,01	9.180,65	15.180,44
23.02.2019	07:15:00	9.598,16	9.106,55	15.082,62
23.02.2019	07:30:00	10.022,04	9.507,81	15.570,95
23.02.2019	07:45:00	10.426,57	9.842,94	15.927,52
23.02.2019	08:00:00	10.418,56	9.771,81	15.805,53
23.02.2019	08:15:00	10.754,56	9.995,98	16.114,25
23.02.2019	08:30:00	10.559,97	9.596,15	15.721,09
23.02.2019	08:45:00	10.969,55	9.714,31	15.786,70
23.02.2019	09:00:00	11.168,49	9.551,44	15.655,39
23.02.2019	09:15:00	11.481,90	9.485,22	15.596,94
23.02.2019	09:30:00	11.480,21	9.101,26	15.187,22
23.02.2019	09:45:00	11.944,20	9.164,20	15.259,91
23.02.2019	10:00:00	12.058,21	8.888,47	14.836,55
23.02.2019	10:15:00	12.481,74	9.100,40	14.909,56
23.02.2019	10:30:00	12.874,37	9.872,44	15.728,25
23.02.2019	10:45:00	12.716,32	8.945,20	14.707,73
23.02.2019	11:00:00	12.741,38	8.595,42	14.404,18
23.02.2019	11:15:00	12.858,55	8.456,91	14.320,90
23.02.2019	11:30:00	13.209,87	8.428,25	14.113,48
23.02.2019	11:45:00	13.262,73	8.058,49	13.584,27
23.02.2019	12:00:00	13.299,07	7.983,74	13.503,08
23.02.2019	12:15:00	13.505,02	8.029,09	13.351,74
23.02.2019	12:30:00	13.890,11	8.491,90	13.705,31
23.02.2019	12:45:00	13.844,13	8.353,67	13.540,79
23.02.2019	13:00:00	13.624,51	8.230,73	13.387,13
23.02.2019	13:15:00	13.598,84	8.070,57	13.184,90
23.02.2019	13:30:00	13.875,34	8.290,99	13.421,67
23.02.2019	13:45:00	13.458,54	7.995,46	13.216,54
23.02.2019	14:00:00	13.161,94	8.094,76	13.219,72
23.02.2019	14:15:00	13.011,59	7.890,21	12.839,38
23.02.2019	14:30:00	12.795,02	7.812,71	12.783,83
23.02.2019	14:45:00	12.619,10	7.588,43	12.545,12
23.02.2019	15:00:00	12.414,88	7.691,82	12.629,05
23.02.2019	15:15:00	12.534,95	8.044,78	12.921,88
23.02.2019	15:30:00	12.187,27	8.088,38	12.901,72
23.02.2019	15:45:00	12.088,66	9.045,28	14.012,00
23.02.2019	16:00:00	11.722,29	9.624,23	14.552,18
23.02.2019	16:15:00	11.532,81	9.542,82	14.473,81
23.02.2019	16:30:00	11.708,34	10.279,17	15.213,22
23.02.2019	16:45:00	11.987,47	10.834,89	15.733,24
23.02.2019	17:00:00	12.175,75	11.257,66	16.119,82
23.02.2019	17:15:00	12.548,38	11.753,76	16.636,57
23.02.2019	17:30:00	12.524,46	11.787,04	16.736,39
23.02.2019	17:45:00	13.031,37	12.389,68	17.297,34
23.02.2019	18:00:00	13.531,28	12.972,39	17.912,33
23.02.2019	18:15:00	13.989,81	13.442,05	18.447,66
23.02.2019	18:30:00	14.788,30	14.272,38	19.331,63
23.02.2019	18:45:00	15.055,97	14.530,92	19.597,04
23.02.2019	19:00:00	14.962,90	14.419,44	19.491,59
23.02.2019	19:15:00	14.948,67	14.399,13	19.514,38
23.02.2019	19:30:00	15.095,57	14.543,68	19.480,53
23.02.2019	19:45:00	14.816,17	14.266,01	19.168,12
23.02.2019	20:00:00	14.508,51	13.958,41	18.765,97
23.02.2019	20:15:00	14.293,18	13.752,68	18.484,82
23.02.2019	20:30:00	14.167,97	13.598,20	18.255,85
23.02.2019	20:45:00	13.851,57	13.281,83	17.803,44
23.02.2019	21:00:00	13.563,70	12.990,27	17.505,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.02.2019	21:15:00	13.631,08	13.080,68	17.563,71
23.02.2019	21:30:00	14.584,19	14.048,54	18.488,47
23.02.2019	21:45:00	14.328,93	13.757,25	18.292,23
23.02.2019	22:00:00	13.944,89	13.373,12	17.919,52
23.02.2019	22:15:00	14.106,43	13.541,68	18.086,94
23.02.2019	22:30:00	14.200,02	13.629,47	18.189,62
23.02.2019	22:45:00	14.653,24	14.086,11	18.459,91
23.02.2019	23:00:00	14.916,75	14.369,22	18.758,10
23.02.2019	23:15:00	14.293,25	13.711,63	18.057,54
23.02.2019	23:30:00	13.666,39	13.084,16	17.274,43
23.02.2019	23:45:00	13.095,57	12.597,44	16.722,71
24.02.2019	00:00:00	12.686,12	12.212,06	16.347,31
24.02.2019	00:15:00	12.290,17	11.823,11	15.818,68
24.02.2019	00:30:00	11.911,93	11.439,40	15.397,71
24.02.2019	00:45:00	11.484,29	11.006,41	14.985,50
24.02.2019	01:00:00	11.167,79	10.706,59	14.742,55
24.02.2019	01:15:00	10.929,64	10.441,08	14.415,24
24.02.2019	01:30:00	10.928,77	10.446,31	14.374,70
24.02.2019	01:45:00	10.709,61	10.227,69	14.167,58
24.02.2019	02:00:00	10.479,87	9.993,99	13.878,04
24.02.2019	02:15:00	10.431,02	9.944,43	13.950,42
24.02.2019	02:30:00	10.257,02	9.714,46	13.702,07
24.02.2019	02:45:00	10.324,55	9.791,92	13.709,54
24.02.2019	03:00:00	10.338,32	9.932,15	13.863,85
24.02.2019	03:15:00	10.122,31	9.711,32	13.621,88
24.02.2019	03:30:00	10.108,20	9.699,11	13.567,02
24.02.2019	03:45:00	10.187,17	9.777,05	13.632,41
24.02.2019	04:00:00	10.218,80	9.811,42	13.654,68
24.02.2019	04:15:00	10.413,77	9.948,25	13.769,66
24.02.2019	04:30:00	10.343,20	9.935,05	13.804,81
24.02.2019	04:45:00	10.045,11	9.634,40	13.466,94
24.02.2019	05:00:00	10.088,14	9.680,97	13.534,70
24.02.2019	05:15:00	9.924,99	9.528,52	13.391,43
24.02.2019	05:30:00	9.418,12	9.011,22	12.981,55
24.02.2019	05:45:00	9.522,33	9.120,11	13.151,01
24.02.2019	06:00:00	9.611,01	9.212,40	13.220,76
24.02.2019	06:15:00	9.377,41	8.974,20	12.993,55
24.02.2019	06:30:00	9.217,42	8.814,30	12.896,11
24.02.2019	06:45:00	8.833,04	8.430,50	12.580,99
24.02.2019	07:00:00	8.759,52	8.361,34	12.539,77
24.02.2019	07:15:00	8.548,26	8.148,98	12.214,29
24.02.2019	07:30:00	8.900,63	8.470,82	12.611,86
24.02.2019	07:45:00	9.129,78	8.654,95	12.809,94
24.02.2019	08:00:00	9.350,77	8.832,07	12.915,26
24.02.2019	08:15:00	9.513,55	8.894,86	12.975,92
24.02.2019	08:30:00	9.504,88	8.680,75	12.777,44
24.02.2019	08:45:00	9.658,20	8.539,50	12.535,70
24.02.2019	09:00:00	9.827,48	8.336,15	12.339,22
24.02.2019	09:15:00	10.251,22	8.279,20	12.264,31
24.02.2019	09:30:00	10.500,47	8.154,55	12.099,69
24.02.2019	09:45:00	10.702,79	7.921,58	11.834,06
24.02.2019	10:00:00	11.058,14	7.875,82	11.881,77
24.02.2019	10:15:00	11.358,08	7.835,25	11.876,53
24.02.2019	10:30:00	11.674,44	7.798,60	11.801,45
24.02.2019	10:45:00	11.717,12	7.523,10	11.490,44
24.02.2019	11:00:00	11.963,35	7.499,82	11.438,38
24.02.2019	11:15:00	12.219,13	7.518,77	11.509,44
24.02.2019	11:30:00	12.499,40	7.595,98	11.618,99
24.02.2019	11:45:00	12.786,10	7.698,08	11.743,06
24.02.2019	12:00:00	12.989,00	7.691,97	11.667,76
24.02.2019	12:15:00	13.162,04	7.738,43	11.577,06
24.02.2019	12:30:00	13.365,49	7.837,78	11.665,16
24.02.2019	12:45:00	13.241,88	7.592,19	11.461,28
24.02.2019	13:00:00	12.879,02	7.158,71	11.052,39
24.02.2019	13:15:00	12.675,08	6.938,90	10.779,52
24.02.2019	13:30:00	12.782,95	7.091,85	10.921,66
24.02.2019	13:45:00	12.563,72	6.887,01	10.739,36
24.02.2019	14:00:00	12.282,43	6.720,82	10.581,88
24.02.2019	14:15:00	11.954,91	6.546,84	10.511,54
24.02.2019	14:30:00	11.685,78	6.350,61	10.290,56
24.02.2019	14:45:00	11.507,61	6.341,94	10.358,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.02.2019	15:00:00	11.426,56	6.437,34	10.437,28
24.02.2019	15:15:00	11.201,27	6.599,93	10.619,79
24.02.2019	15:30:00	11.345,15	6.879,35	10.883,34
24.02.2019	15:45:00	11.372,31	7.105,24	11.198,42
24.02.2019	16:00:00	11.313,43	7.497,89	11.649,92
24.02.2019	16:15:00	10.729,55	7.931,59	11.998,20
24.02.2019	16:30:00	10.048,67	8.274,56	12.362,28
24.02.2019	16:45:00	9.897,26	8.815,64	12.835,75
24.02.2019	17:00:00	10.379,64	9.491,65	13.573,82
24.02.2019	17:15:00	10.924,35	10.072,69	14.271,35
24.02.2019	17:30:00	11.380,32	10.700,39	14.817,44
24.02.2019	17:45:00	11.771,53	11.229,67	15.378,73
24.02.2019	18:00:00	12.257,49	11.812,11	16.045,18
24.02.2019	18:15:00	12.778,84	12.393,93	16.657,57
24.02.2019	18:30:00	14.046,41	13.682,24	17.906,04
24.02.2019	18:45:00	14.513,78	14.151,13	18.566,37
24.02.2019	19:00:00	14.773,59	14.416,59	18.867,00
24.02.2019	19:15:00	14.900,60	14.564,96	18.995,61
24.02.2019	19:30:00	14.931,22	14.567,97	19.037,36
24.02.2019	19:45:00	14.700,07	14.335,28	18.657,51
24.02.2019	20:00:00	14.418,48	14.060,66	18.365,02
24.02.2019	20:15:00	14.293,37	13.936,06	18.300,15
24.02.2019	20:30:00	14.277,64	13.914,83	18.234,38
24.02.2019	20:45:00	14.048,48	13.684,86	17.876,87
24.02.2019	21:00:00	13.637,61	13.274,06	17.442,58
24.02.2019	21:15:00	13.696,06	13.312,12	17.525,18
24.02.2019	21:30:00	14.518,62	14.142,24	18.267,78
24.02.2019	21:45:00	13.947,75	13.564,78	17.790,68
24.02.2019	22:00:00	13.598,48	13.211,48	17.597,30
24.02.2019	22:15:00	13.483,03	13.108,86	17.633,60
24.02.2019	22:30:00	13.259,41	12.879,71	17.441,31
24.02.2019	22:45:00	13.518,65	13.139,40	17.714,08
24.02.2019	23:00:00	13.596,81	13.216,89	17.812,87
24.02.2019	23:15:00	13.065,92	12.682,59	17.282,93
24.02.2019	23:30:00	12.467,68	12.067,60	16.659,91
24.02.2019	23:45:00	11.878,43	11.471,85	16.073,60
25.02.2019	00:00:00	11.294,70	10.884,67	15.485,63
25.02.2019	00:15:00	10.851,46	10.439,83	15.087,99
25.02.2019	00:30:00	10.494,76	10.079,23	14.783,29
25.02.2019	00:45:00	10.121,19	9.704,02	14.206,16
25.02.2019	01:00:00	9.753,73	9.332,50	13.949,85
25.02.2019	01:15:00	9.580,65	9.157,68	13.782,97
25.02.2019	01:30:00	9.605,70	9.185,89	13.867,39
25.02.2019	01:45:00	9.538,62	9.120,85	13.677,35
25.02.2019	02:00:00	9.454,43	9.030,66	13.595,50
25.02.2019	02:15:00	9.584,25	9.160,09	13.735,47
25.02.2019	02:30:00	9.620,19	9.197,87	13.823,79
25.02.2019	02:45:00	9.544,67	9.118,76	13.740,10
25.02.2019	03:00:00	9.624,19	9.206,86	13.996,09
25.02.2019	03:15:00	9.558,29	9.141,80	13.861,80
25.02.2019	03:30:00	9.604,17	9.185,73	13.962,41
25.02.2019	03:45:00	9.737,64	9.323,66	14.241,73
25.02.2019	04:00:00	9.935,68	9.524,50	14.446,76
25.02.2019	04:15:00	10.151,16	9.738,97	14.663,08
25.02.2019	04:30:00	10.281,25	9.876,81	14.694,76
25.02.2019	04:45:00	10.265,52	9.854,37	15.034,62
25.02.2019	05:00:00	10.302,61	9.898,57	15.437,02
25.02.2019	05:15:00	10.651,95	10.274,53	16.404,06
25.02.2019	05:30:00	10.441,45	10.075,80	16.734,80
25.02.2019	05:45:00	10.820,69	10.477,55	17.393,99
25.02.2019	06:00:00	11.070,41	10.739,22	18.371,07
25.02.2019	06:15:00	11.284,90	10.956,58	19.830,78
25.02.2019	06:30:00	11.571,02	11.259,04	21.043,37
25.02.2019	06:45:00	11.651,30	11.334,02	21.625,88
25.02.2019	07:00:00	11.913,27	11.622,38	22.639,40
25.02.2019	07:15:00	12.035,57	11.735,40	23.414,20
25.02.2019	07:30:00	12.301,05	12.034,01	24.206,53
25.02.2019	07:45:00	11.853,39	11.536,08	23.955,20
25.02.2019	08:00:00	11.779,12	11.409,93	24.241,06
25.02.2019	08:15:00	11.810,95	11.342,45	24.357,44
25.02.2019	08:30:00	11.591,12	10.930,04	23.928,43

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.02.2019	08:45:00	11.448,81	10.505,43	23.656,90
25.02.2019	09:00:00	11.616,27	10.325,13	23.421,55
25.02.2019	09:15:00	12.119,30	10.428,41	22.703,94
25.02.2019	09:30:00	12.070,31	9.952,70	22.173,42
25.02.2019	09:45:00	12.299,92	9.772,12	22.582,61
25.02.2019	10:00:00	12.413,67	9.498,06	22.402,04
25.02.2019	10:15:00	12.578,91	9.325,67	22.074,50
25.02.2019	10:30:00	12.515,83	8.929,28	21.838,57
25.02.2019	10:45:00	12.282,13	8.372,63	21.393,81
25.02.2019	11:00:00	12.328,19	8.164,07	21.306,94
25.02.2019	11:15:00	12.392,64	8.020,17	21.107,11
25.02.2019	11:30:00	12.643,73	8.094,83	21.019,65
25.02.2019	11:45:00	13.045,44	8.278,81	21.275,08
25.02.2019	12:00:00	13.089,87	8.179,04	20.990,89
25.02.2019	12:15:00	13.284,08	8.191,19	20.373,28
25.02.2019	12:30:00	13.490,47	8.288,17	19.756,82
25.02.2019	12:45:00	13.331,65	8.057,46	19.933,96
25.02.2019	13:00:00	13.048,28	7.757,79	19.845,62
25.02.2019	13:15:00	12.926,68	7.510,74	19.717,90
25.02.2019	13:30:00	12.661,74	7.196,92	19.600,76
25.02.2019	13:45:00	12.447,56	6.992,70	19.483,85
25.02.2019	14:00:00	12.416,37	7.088,66	19.465,51
25.02.2019	14:15:00	12.341,76	7.161,99	19.525,57
25.02.2019	14:30:00	12.363,11	7.193,31	19.273,66
25.02.2019	14:45:00	12.511,77	7.469,57	19.173,28
25.02.2019	15:00:00	12.487,39	7.582,34	19.064,76
25.02.2019	15:15:00	12.437,28	7.766,23	19.126,28
25.02.2019	15:30:00	12.310,96	7.824,27	18.924,27
25.02.2019	15:45:00	12.346,28	8.081,02	18.874,14
25.02.2019	16:00:00	12.251,74	8.476,45	19.102,55
25.02.2019	16:15:00	11.996,30	9.171,00	19.474,44
25.02.2019	16:30:00	11.473,21	9.699,16	20.016,84
25.02.2019	16:45:00	11.298,91	10.080,67	20.131,88
25.02.2019	17:00:00	11.472,56	10.485,74	20.314,30
25.02.2019	17:15:00	11.887,14	10.988,96	20.626,22
25.02.2019	17:30:00	12.258,01	11.515,09	21.058,34
25.02.2019	17:45:00	12.606,57	12.021,93	21.444,79
25.02.2019	18:00:00	13.069,24	12.686,90	22.072,26
25.02.2019	18:15:00	13.784,11	13.467,88	22.588,94
25.02.2019	18:30:00	14.492,07	14.198,78	23.005,76
25.02.2019	18:45:00	15.141,34	14.856,19	23.560,08
25.02.2019	19:00:00	15.392,92	15.106,36	23.726,83
25.02.2019	19:15:00	15.519,96	15.222,45	23.674,12
25.02.2019	19:30:00	15.694,64	15.386,79	23.987,34
25.02.2019	19:45:00	15.488,74	15.177,00	23.783,16
25.02.2019	20:00:00	15.110,47	14.787,42	23.289,25
25.02.2019	20:15:00	14.880,96	14.535,78	22.968,36
25.02.2019	20:30:00	14.619,14	14.262,96	22.655,94
25.02.2019	20:45:00	14.338,01	13.979,10	22.314,83
25.02.2019	21:00:00	13.881,13	13.519,97	21.453,00
25.02.2019	21:15:00	13.887,38	13.528,57	21.257,24
25.02.2019	21:30:00	14.793,04	14.434,09	22.046,07
25.02.2019	21:45:00	14.185,37	13.814,18	21.127,55
25.02.2019	22:00:00	13.717,91	13.341,12	20.506,62
25.02.2019	22:15:00	13.508,73	13.240,79	20.134,16
25.02.2019	22:30:00	13.141,74	12.924,60	19.552,23
25.02.2019	22:45:00	13.227,67	12.971,70	19.428,44
25.02.2019	23:00:00	13.261,39	13.009,79	19.261,39
25.02.2019	23:15:00	12.566,70	12.326,18	18.361,34
25.02.2019	23:30:00	11.880,56	11.592,96	17.412,55
25.02.2019	23:45:00	11.254,89	10.966,95	16.797,40
26.02.2019	00:00:00	10.762,43	10.478,55	16.165,76
26.02.2019	00:15:00	10.257,11	9.967,81	15.551,20
26.02.2019	00:30:00	9.907,34	9.617,19	15.111,70
26.02.2019	00:45:00	9.620,11	9.345,04	15.000,28
26.02.2019	01:00:00	9.461,67	9.161,08	14.743,61
26.02.2019	01:15:00	9.311,92	9.012,43	14.580,41
26.02.2019	01:30:00	9.141,83	8.783,15	14.290,92
26.02.2019	01:45:00	9.178,98	8.768,39	14.223,88
26.02.2019	02:00:00	9.191,98	8.780,10	14.224,10
26.02.2019	02:15:00	9.157,16	8.760,25	14.232,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.02.2019	02:30:00	9.126,50	8.703,10	14.076,64
26.02.2019	02:45:00	9.335,04	8.913,32	14.274,04
26.02.2019	03:00:00	9.455,07	9.033,87	14.362,93
26.02.2019	03:15:00	9.328,57	8.907,59	14.105,42
26.02.2019	03:30:00	9.365,59	8.946,41	14.248,60
26.02.2019	03:45:00	9.425,01	9.002,75	14.378,42
26.02.2019	04:00:00	9.420,05	8.999,31	14.394,01
26.02.2019	04:15:00	9.766,03	9.344,12	14.903,77
26.02.2019	04:30:00	9.869,42	9.449,78	15.083,26
26.02.2019	04:45:00	9.940,48	9.520,40	15.148,33
26.02.2019	05:00:00	9.990,62	9.575,95	15.526,86
26.02.2019	05:15:00	10.331,24	9.941,23	16.361,70
26.02.2019	05:30:00	10.136,14	9.769,39	16.517,82
26.02.2019	05:45:00	10.564,37	10.217,43	17.449,24
26.02.2019	06:00:00	11.029,29	10.690,09	18.621,60
26.02.2019	06:15:00	11.301,56	10.967,84	20.133,07
26.02.2019	06:30:00	11.517,17	11.196,44	21.150,21
26.02.2019	06:45:00	11.615,24	11.292,79	22.133,31
26.02.2019	07:00:00	11.786,13	11.497,52	22.902,46
26.02.2019	07:15:00	11.792,02	11.488,24	23.323,89
26.02.2019	07:30:00	11.947,53	11.623,45	23.839,41
26.02.2019	07:45:00	11.764,97	11.334,77	23.619,80
26.02.2019	08:00:00	11.803,71	11.288,11	23.869,61
26.02.2019	08:15:00	11.822,65	11.201,87	24.083,25
26.02.2019	08:30:00	11.801,01	10.987,07	23.831,04
26.02.2019	08:45:00	11.562,98	10.379,21	23.052,92
26.02.2019	09:00:00	11.524,54	9.867,05	22.761,23
26.02.2019	09:15:00	12.417,59	10.634,82	22.615,89
26.02.2019	09:30:00	12.154,52	9.736,65	21.709,93
26.02.2019	09:45:00	12.038,22	9.226,76	21.760,53
26.02.2019	10:00:00	11.863,09	8.671,48	21.179,23
26.02.2019	10:15:00	12.183,11	8.711,22	21.244,87
26.02.2019	10:30:00	12.192,65	8.334,96	21.058,54
26.02.2019	10:45:00	12.145,04	8.043,42	20.895,72
26.02.2019	11:00:00	12.209,07	7.839,90	20.879,66
26.02.2019	11:15:00	12.271,38	7.726,36	20.845,76
26.02.2019	11:30:00	12.481,62	7.801,23	20.804,59
26.02.2019	11:45:00	12.754,46	7.928,59	20.570,01
26.02.2019	12:00:00	12.973,54	7.982,32	20.420,34
26.02.2019	12:15:00	13.185,51	8.179,94	20.107,32
26.02.2019	12:30:00	13.222,43	7.933,43	19.287,00
26.02.2019	12:45:00	12.849,62	7.529,57	19.054,98
26.02.2019	13:00:00	12.746,63	7.385,77	19.168,78
26.02.2019	13:15:00	12.460,21	7.051,41	18.840,91
26.02.2019	13:30:00	12.163,67	6.888,44	18.847,52
26.02.2019	13:45:00	12.251,81	7.318,78	19.152,15
26.02.2019	14:00:00	11.877,38	6.703,26	18.574,14
26.02.2019	14:15:00	12.041,99	6.939,30	18.975,23
26.02.2019	14:30:00	11.821,61	7.107,81	19.222,74
26.02.2019	14:45:00	12.042,00	6.912,56	18.742,12
26.02.2019	15:00:00	11.904,69	7.395,40	18.998,91
26.02.2019	15:15:00	11.981,26	7.837,17	19.098,60
26.02.2019	15:30:00	11.904,97	7.725,00	18.651,40
26.02.2019	15:45:00	12.035,14	8.146,37	18.938,70
26.02.2019	16:00:00	11.965,43	8.649,96	19.248,16
26.02.2019	16:15:00	11.650,72	9.031,32	19.252,72
26.02.2019	16:30:00	11.321,51	9.576,62	19.645,98
26.02.2019	16:45:00	11.235,15	9.953,72	19.770,62
26.02.2019	17:00:00	11.622,94	10.633,26	20.269,21
26.02.2019	17:15:00	11.776,61	11.023,74	20.435,96
26.02.2019	17:30:00	12.137,67	11.562,21	20.831,01
26.02.2019	17:45:00	12.389,91	11.948,09	21.106,82
26.02.2019	18:00:00	12.892,81	12.408,95	21.539,16
26.02.2019	18:15:00	13.619,06	13.216,37	22.271,89
26.02.2019	18:30:00	14.575,05	14.173,10	23.100,55
26.02.2019	18:45:00	15.222,42	14.819,66	23.664,78
26.02.2019	19:00:00	15.321,50	14.918,63	23.737,02
26.02.2019	19:15:00	15.632,71	15.226,39	23.958,61
26.02.2019	19:30:00	15.616,89	15.291,31	23.971,08
26.02.2019	19:45:00	15.362,18	15.050,19	23.564,45
26.02.2019	20:00:00	14.952,91	14.623,56	22.958,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.02.2019	20:15:00	14.699,68	14.349,18	22.490,87
26.02.2019	20:30:00	14.746,61	14.393,72	22.186,94
26.02.2019	20:45:00	14.401,11	14.036,99	21.791,34
26.02.2019	21:00:00	13.850,60	13.479,54	21.173,74
26.02.2019	21:15:00	13.845,48	13.474,08	20.947,65
26.02.2019	21:30:00	14.622,39	14.256,42	21.499,92
26.02.2019	21:45:00	14.036,87	13.662,08	20.731,27
26.02.2019	22:00:00	13.680,83	13.303,36	20.071,56
26.02.2019	22:15:00	13.540,01	13.108,13	19.774,50
26.02.2019	22:30:00	13.242,68	12.743,42	19.278,64
26.02.2019	22:45:00	13.325,67	12.829,29	19.244,85
26.02.2019	23:00:00	13.343,76	12.849,18	19.097,89
26.02.2019	23:15:00	12.560,10	12.058,15	18.120,01
26.02.2019	23:30:00	11.940,77	11.428,51	17.398,18
26.02.2019	23:45:00	11.437,87	10.919,01	16.811,99
27.02.2019	00:00:00	10.857,86	10.335,29	16.118,34
27.02.2019	00:15:00	10.427,44	9.900,23	15.573,08
27.02.2019	00:30:00	9.834,74	9.300,31	15.030,69
27.02.2019	00:45:00	9.499,25	8.962,92	14.619,34
27.02.2019	01:00:00	9.240,79	8.703,32	14.434,80
27.02.2019	01:15:00	9.064,33	8.525,95	14.225,52
27.02.2019	01:30:00	8.854,66	8.316,59	13.974,92
27.02.2019	01:45:00	8.864,80	8.322,31	13.828,80
27.02.2019	02:00:00	8.895,08	8.353,47	13.736,93
27.02.2019	02:15:00	8.942,19	8.399,88	13.771,39
27.02.2019	02:30:00	9.072,77	8.530,36	13.985,72
27.02.2019	02:45:00	9.076,50	8.538,27	14.039,27
27.02.2019	03:00:00	9.092,78	8.555,01	13.976,75
27.02.2019	03:15:00	9.060,30	8.524,71	13.873,58
27.02.2019	03:30:00	9.108,90	8.575,77	14.013,24
27.02.2019	03:45:00	9.248,26	8.711,39	14.084,29
27.02.2019	04:00:00	9.402,87	8.867,47	14.169,42
27.02.2019	04:15:00	9.597,82	9.061,99	14.601,66
27.02.2019	04:30:00	9.899,38	9.366,89	14.933,61
27.02.2019	04:45:00	9.787,93	9.255,60	14.995,50
27.02.2019	05:00:00	9.961,36	9.439,56	15.424,86
27.02.2019	05:15:00	10.057,90	9.560,40	15.933,53
27.02.2019	05:30:00	9.909,67	9.439,43	16.040,93
27.02.2019	05:45:00	10.444,33	9.982,46	17.081,42
27.02.2019	06:00:00	10.933,78	10.480,52	18.292,65
27.02.2019	06:15:00	11.120,10	10.660,74	19.748,92
27.02.2019	06:30:00	11.470,47	10.979,53	20.971,36
27.02.2019	06:45:00	11.512,45	11.012,38	21.719,78
27.02.2019	07:00:00	11.636,95	11.168,71	22.641,23
27.02.2019	07:15:00	11.678,09	11.203,20	22.983,02
27.02.2019	07:30:00	11.806,86	11.306,36	23.526,96
27.02.2019	07:45:00	11.564,27	11.009,10	23.378,86
27.02.2019	08:00:00	11.250,69	10.624,91	23.103,55
27.02.2019	08:15:00	11.341,86	10.566,62	23.460,84
27.02.2019	08:30:00	11.253,28	10.232,59	23.220,65
27.02.2019	08:45:00	11.128,48	9.805,42	23.308,01
27.02.2019	09:00:00	11.268,79	9.635,28	22.892,15
27.02.2019	09:15:00	11.627,87	9.577,21	21.815,92
27.02.2019	09:30:00	11.737,45	9.292,56	21.437,13
27.02.2019	09:45:00	11.635,82	8.798,21	21.426,62
27.02.2019	10:00:00	11.807,17	8.572,82	21.494,48
27.02.2019	10:15:00	11.920,23	8.334,43	21.047,94
27.02.2019	10:30:00	12.139,24	8.233,62	20.871,74
27.02.2019	10:45:00	12.045,99	7.870,74	20.756,33
27.02.2019	11:00:00	12.018,21	7.596,84	20.588,98
27.02.2019	11:15:00	12.169,23	7.548,87	20.401,46
27.02.2019	11:30:00	12.367,47	7.540,21	20.511,68
27.02.2019	11:45:00	12.665,32	7.707,60	20.413,99
27.02.2019	12:00:00	12.897,95	7.785,34	20.303,87
27.02.2019	12:15:00	12.946,59	7.713,00	19.642,69
27.02.2019	12:30:00	12.978,03	7.614,83	19.221,85
27.02.2019	12:45:00	12.781,77	7.401,09	18.977,21
27.02.2019	13:00:00	12.507,74	7.126,28	18.975,46
27.02.2019	13:15:00	12.394,81	7.036,74	18.951,38
27.02.2019	13:30:00	12.352,94	7.015,11	19.049,28
27.02.2019	13:45:00	12.134,63	6.784,97	18.903,66

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.02.2019	14:00:00	11.904,84	6.576,85	18.490,86
27.02.2019	14:15:00	11.890,36	6.618,78	18.761,54
27.02.2019	14:30:00	11.802,39	6.635,36	18.613,18
27.02.2019	14:45:00	11.780,74	6.779,78	18.654,92
27.02.2019	15:00:00	11.685,52	6.846,69	18.583,35
27.02.2019	15:15:00	11.802,54	7.168,45	18.787,03
27.02.2019	15:30:00	11.743,30	7.313,29	18.525,41
27.02.2019	15:45:00	11.878,31	7.687,28	18.593,99
27.02.2019	16:00:00	11.906,27	7.993,21	18.654,42
27.02.2019	16:15:00	11.780,63	8.440,82	18.550,97
27.02.2019	16:30:00	11.200,60	8.936,86	19.026,94
27.02.2019	16:45:00	10.961,72	9.651,28	19.335,64
27.02.2019	17:00:00	11.072,19	10.188,67	19.733,11
27.02.2019	17:15:00	11.553,97	10.833,81	20.361,80
27.02.2019	17:30:00	11.855,16	11.326,89	20.566,70
27.02.2019	17:45:00	12.182,95	11.823,00	21.194,14
27.02.2019	18:00:00	12.648,50	12.420,98	21.391,16
27.02.2019	18:15:00	13.196,81	13.093,73	21.990,48
27.02.2019	18:30:00	14.150,98	13.993,55	22.876,72
27.02.2019	18:45:00	14.951,67	14.640,96	23.473,35
27.02.2019	19:00:00	15.126,32	14.817,41	23.565,74
27.02.2019	19:15:00	15.473,45	15.170,21	23.565,16
27.02.2019	19:30:00	15.540,21	15.228,32	23.566,15
27.02.2019	19:45:00	15.301,53	14.972,91	23.159,23
27.02.2019	20:00:00	14.807,50	14.457,88	22.570,84
27.02.2019	20:15:00	14.532,43	14.162,80	21.803,67
27.02.2019	20:30:00	14.332,33	13.951,21	21.406,12
27.02.2019	20:45:00	14.229,92	13.830,80	21.344,72
27.02.2019	21:00:00	13.785,79	13.285,19	20.687,65
27.02.2019	21:15:00	13.686,40	13.178,04	20.547,84
27.02.2019	21:30:00	14.411,41	13.906,77	21.028,06
27.02.2019	21:45:00	13.878,47	13.366,61	20.532,52
27.02.2019	22:00:00	13.415,64	12.898,20	19.991,07
27.02.2019	22:15:00	13.367,01	12.849,85	19.527,31
27.02.2019	22:30:00	12.906,54	12.386,59	18.749,63
27.02.2019	22:45:00	13.192,42	12.676,62	18.651,75
27.02.2019	23:00:00	13.073,93	12.551,42	18.384,90
27.02.2019	23:15:00	12.545,31	12.017,44	17.804,01
27.02.2019	23:30:00	11.861,77	11.325,16	17.019,17
27.02.2019	23:45:00	11.204,51	10.661,33	16.213,74
28.02.2019	00:00:00	10.607,39	10.057,43	15.495,28
28.02.2019	00:15:00	9.964,31	9.409,61	14.868,48
28.02.2019	00:30:00	9.603,57	9.048,54	14.431,94
28.02.2019	00:45:00	9.163,34	8.602,27	13.963,56
28.02.2019	01:00:00	9.089,54	8.527,02	13.884,98
28.02.2019	01:15:00	8.778,15	8.215,74	13.560,16
28.02.2019	01:30:00	8.597,51	8.033,64	13.399,49
28.02.2019	01:45:00	8.503,17	7.938,87	13.328,58
28.02.2019	02:00:00	8.495,06	7.932,49	13.352,21
28.02.2019	02:15:00	8.446,28	7.883,16	13.190,13
28.02.2019	02:30:00	8.614,72	8.146,60	13.477,27
28.02.2019	02:45:00	8.660,19	8.410,13	13.632,89
28.02.2019	03:00:00	8.778,63	8.537,17	13.764,08
28.02.2019	03:15:00	8.658,85	8.417,77	13.663,34
28.02.2019	03:30:00	8.714,25	8.474,38	13.676,64
28.02.2019	03:45:00	8.789,88	8.548,87	13.755,20
28.02.2019	04:00:00	8.992,46	8.752,64	13.974,84
28.02.2019	04:15:00	9.255,11	9.015,99	14.370,90
28.02.2019	04:30:00	9.338,74	9.100,22	14.443,32
28.02.2019	04:45:00	9.228,76	8.992,34	14.479,38
28.02.2019	05:00:00	9.473,34	9.172,70	14.973,19
28.02.2019	05:15:00	9.791,22	9.464,81	15.562,94
28.02.2019	05:30:00	9.660,12	9.290,70	15.669,46
28.02.2019	05:45:00	10.238,27	9.734,41	16.534,82
28.02.2019	06:00:00	10.393,81	9.895,52	17.316,39
28.02.2019	06:15:00	10.623,20	10.136,90	19.014,39
28.02.2019	06:30:00	10.742,81	10.284,36	19.766,63
28.02.2019	06:45:00	10.694,13	10.233,15	20.502,64
28.02.2019	07:00:00	10.677,28	10.244,54	21.244,04
28.02.2019	07:15:00	11.148,19	10.707,26	22.163,50
28.02.2019	07:30:00	11.358,21	10.858,16	22.827,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.02.2019	07:45:00	11.265,89	10.710,06	23.116,84
28.02.2019	08:00:00	11.066,25	10.434,68	22.987,00
28.02.2019	08:15:00	10.898,71	10.103,40	22.770,71
28.02.2019	08:30:00	10.718,74	9.756,90	22.382,02
28.02.2019	08:45:00	10.719,14	9.478,90	22.034,34
28.02.2019	09:00:00	10.917,71	9.321,52	21.661,46
28.02.2019	09:15:00	11.586,40	9.593,40	21.216,84
28.02.2019	09:30:00	11.406,49	9.025,83	20.453,52
28.02.2019	09:45:00	11.469,86	8.708,96	20.948,50
28.02.2019	10:00:00	11.599,81	8.537,54	20.981,31
28.02.2019	10:15:00	11.650,87	8.334,74	20.605,57
28.02.2019	10:30:00	11.572,02	7.784,47	20.114,58
28.02.2019	10:45:00	11.544,41	7.448,12	19.718,89
28.02.2019	11:00:00	11.717,34	7.399,21	19.802,50
28.02.2019	11:15:00	11.802,52	7.393,19	19.862,48
28.02.2019	11:30:00	12.182,78	7.371,90	19.821,29
28.02.2019	11:45:00	12.476,17	7.851,41	20.224,38
28.02.2019	12:00:00	12.552,12	7.679,90	19.787,91
28.02.2019	12:15:00	12.913,32	7.814,28	19.469,78
28.02.2019	12:30:00	13.006,14	7.779,72	19.158,17
28.02.2019	12:45:00	12.597,83	7.210,23	18.656,42
28.02.2019	13:00:00	12.415,60	7.397,39	18.790,65
28.02.2019	13:15:00	12.422,87	7.538,54	18.974,96
28.02.2019	13:30:00	12.484,85	8.358,59	20.580,80
28.02.2019	13:45:00	12.216,87	7.145,89	19.347,09
28.02.2019	14:00:00	12.170,19	6.928,21	19.092,40
28.02.2019	14:15:00	12.065,76	6.966,02	19.101,90
28.02.2019	14:30:00	11.972,24	7.024,72	19.303,44
28.02.2019	14:45:00	12.139,72	7.395,40	19.666,42
28.02.2019	15:00:00	12.212,19	7.903,02	19.787,26
28.02.2019	15:15:00	11.933,89	7.934,17	19.575,95
28.02.2019	15:30:00	11.690,31	8.210,21	19.572,74
28.02.2019	15:45:00	12.123,49	8.366,57	19.305,14
28.02.2019	16:00:00	12.091,76	8.619,09	19.385,18
28.02.2019	16:15:00	11.822,47	8.883,15	19.148,24
28.02.2019	16:30:00	11.295,48	9.226,86	19.297,18
28.02.2019	16:45:00	10.990,57	9.750,02	19.731,73
28.02.2019	17:00:00	11.226,39	10.201,04	20.125,46
28.02.2019	17:15:00	11.609,49	10.894,46	20.604,12
28.02.2019	17:30:00	11.887,62	11.290,67	20.880,25
28.02.2019	17:45:00	12.303,89	11.824,71	21.199,82
28.02.2019	18:00:00	12.749,44	12.413,79	21.377,67
28.02.2019	18:15:00	13.304,36	13.027,10	21.946,18
28.02.2019	18:30:00	14.069,15	13.755,24	22.612,20
28.02.2019	18:45:00	14.567,11	14.250,89	22.785,58
28.02.2019	19:00:00	14.743,45	14.428,25	23.027,99
28.02.2019	19:15:00	14.867,45	14.548,36	23.015,15
28.02.2019	19:30:00	14.858,13	14.512,95	22.965,11
28.02.2019	19:45:00	14.673,95	14.317,29	22.677,88
28.02.2019	20:00:00	14.458,53	14.092,57	22.436,80
28.02.2019	20:15:00	14.021,04	13.637,71	21.812,73
28.02.2019	20:30:00	13.956,56	13.456,67	21.491,46
28.02.2019	20:45:00	13.823,31	13.341,27	21.143,97
28.02.2019	21:00:00	13.343,36	12.892,07	20.496,86
28.02.2019	21:15:00	13.277,81	12.821,60	20.358,09
28.02.2019	21:30:00	13.726,29	13.274,82	20.647,82
28.02.2019	21:45:00	13.157,45	12.681,89	19.989,71
28.02.2019	22:00:00	12.743,76	12.227,93	19.216,92
28.02.2019	22:15:00	12.481,37	11.965,16	18.789,78
28.02.2019	22:30:00	12.093,39	11.555,60	18.091,44
28.02.2019	22:45:00	12.199,74	11.662,14	17.752,13
28.02.2019	23:00:00	12.049,97	11.509,70	17.565,19
28.02.2019	23:15:00	11.418,55	10.870,97	16.883,76
28.02.2019	23:30:00	10.891,85	10.339,62	16.370,38
28.02.2019	23:45:00	10.180,03	9.618,12	15.402,19
01.03.2019	00:00:00	9.730,94	9.166,90	14.772,81
01.03.2019	00:15:00	9.360,01	8.794,50	14.247,17
01.03.2019	00:30:00	9.036,47	8.465,69	13.987,27
01.03.2019	00:45:00	8.596,99	8.054,41	13.650,01
01.03.2019	01:00:00	8.225,35	7.770,50	13.251,89
01.03.2019	01:15:00	7.862,94	7.406,71	12.810,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.03.2019	01:30:00	7.630,98	7.172,77	12.623,41
01.03.2019	01:45:00	7.569,38	7.152,69	12.538,32
01.03.2019	02:00:00	7.522,27	7.068,38	12.459,67
01.03.2019	02:15:00	7.538,53	7.072,40	12.407,90
01.03.2019	02:30:00	7.483,86	7.026,96	12.446,83
01.03.2019	02:45:00	7.521,85	7.064,69	12.547,99
01.03.2019	03:00:00	7.648,26	7.190,55	12.534,08
01.03.2019	03:15:00	7.598,26	7.175,71	12.545,80
01.03.2019	03:30:00	7.605,28	7.157,38	12.499,46
01.03.2019	03:45:00	7.715,88	7.268,87	12.484,86
01.03.2019	04:00:00	7.710,70	7.203,91	12.439,34
01.03.2019	04:15:00	7.986,22	7.411,01	12.675,71
01.03.2019	04:30:00	8.110,71	7.558,54	12.791,43
01.03.2019	04:45:00	7.991,32	7.488,83	12.831,20
01.03.2019	05:00:00	8.281,53	7.785,68	13.425,10
01.03.2019	05:15:00	8.782,79	8.325,48	14.290,64
01.03.2019	05:30:00	8.777,65	8.338,50	14.845,34
01.03.2019	05:45:00	9.194,99	8.762,66	15.575,21
01.03.2019	06:00:00	9.379,93	8.947,94	16.272,87
01.03.2019	06:15:00	9.736,61	9.330,69	18.019,58
01.03.2019	06:30:00	9.916,85	9.516,94	19.053,24
01.03.2019	06:45:00	10.051,49	9.650,14	19.820,97
01.03.2019	07:00:00	10.323,34	9.945,57	20.692,05
01.03.2019	07:15:00	10.820,70	10.445,82	21.424,84
01.03.2019	07:30:00	10.597,31	10.228,07	21.523,01
01.03.2019	07:45:00	10.992,62	10.603,00	22.444,56
01.03.2019	08:00:00	11.244,00	10.839,25	23.028,75
01.03.2019	08:15:00	11.606,53	11.204,34	23.634,00
01.03.2019	08:30:00	11.937,68	11.542,56	23.935,72
01.03.2019	08:45:00	12.066,76	11.556,36	23.978,81
01.03.2019	09:00:00	12.601,39	12.012,71	24.518,96
01.03.2019	09:15:00	13.018,49	12.351,74	24.306,49
01.03.2019	09:30:00	12.987,96	12.292,30	24.453,98
01.03.2019	09:45:00	12.942,16	12.200,68	24.985,56
01.03.2019	10:00:00	13.084,10	12.105,15	25.092,79
01.03.2019	10:15:00	13.209,99	12.122,87	24.755,16
01.03.2019	10:30:00	13.171,63	12.046,12	24.544,92
01.03.2019	10:45:00	13.140,16	11.537,93	24.268,96
01.03.2019	11:00:00	13.302,74	11.812,88	24.663,58
01.03.2019	11:15:00	13.480,84	12.063,46	24.852,18
01.03.2019	11:30:00	13.691,67	12.596,87	25.277,38
01.03.2019	11:45:00	14.049,00	12.890,29	25.375,61
01.03.2019	12:00:00	14.226,33	12.991,84	25.288,29
01.03.2019	12:15:00	14.552,53	13.480,76	25.197,26
01.03.2019	12:30:00	14.825,12	13.743,92	25.186,46
01.03.2019	12:45:00	14.644,89	13.672,75	25.247,38
01.03.2019	13:00:00	14.295,65	13.556,46	24.997,72
01.03.2019	13:15:00	14.033,39	13.224,05	24.359,74
01.03.2019	13:30:00	13.819,76	12.472,47	23.729,42
01.03.2019	13:45:00	13.701,20	12.487,90	23.917,06
01.03.2019	14:00:00	13.337,91	12.338,56	23.684,12
01.03.2019	14:15:00	13.248,28	12.368,23	23.548,77
01.03.2019	14:30:00	12.986,68	11.751,93	22.899,74
01.03.2019	14:45:00	12.867,56	11.695,50	22.644,63
01.03.2019	15:00:00	12.865,50	11.674,58	22.366,43
01.03.2019	15:15:00	12.561,69	11.411,45	21.947,51
01.03.2019	15:30:00	12.405,85	11.113,39	21.586,60
01.03.2019	15:45:00	12.113,65	10.395,21	20.713,18
01.03.2019	16:00:00	13.355,80	9.293,75	19.453,18
01.03.2019	16:15:00	12.635,69	10.233,71	20.172,81
01.03.2019	16:30:00	12.617,66	10.541,63	20.370,26
01.03.2019	16:45:00	12.749,41	11.074,95	20.708,90
01.03.2019	17:00:00	12.403,78	10.961,07	20.524,45
01.03.2019	17:15:00	12.652,64	11.448,22	20.660,98
01.03.2019	17:30:00	13.007,04	12.428,58	21.467,67
01.03.2019	17:45:00	13.662,14	13.237,90	22.088,30
01.03.2019	18:00:00	14.453,27	14.007,74	22.878,36
01.03.2019	18:15:00	15.290,09	14.855,48	23.672,81
01.03.2019	18:30:00	15.492,21	15.157,75	23.891,88
01.03.2019	18:45:00	15.603,74	15.287,88	23.847,50
01.03.2019	19:00:00	15.515,62	15.193,87	23.610,42

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.03.2019	19:15:00	15.643,18	15.328,91	23.659,70
01.03.2019	19:30:00	15.399,54	15.077,55	23.345,01
01.03.2019	19:45:00	15.123,71	14.769,59	22.654,73
01.03.2019	20:00:00	14.920,08	14.563,21	22.089,69
01.03.2019	20:15:00	14.338,06	13.963,60	21.255,53
01.03.2019	20:30:00	14.113,24	13.740,65	20.763,54
01.03.2019	20:45:00	13.787,63	13.420,81	20.257,33
01.03.2019	21:00:00	13.528,25	13.177,77	19.929,94
01.03.2019	21:15:00	13.354,14	12.971,54	19.618,74
01.03.2019	21:30:00	14.628,30	14.159,42	20.783,69
01.03.2019	21:45:00	14.133,08	13.650,67	20.155,34
01.03.2019	22:00:00	13.613,26	13.118,82	19.453,82
01.03.2019	22:15:00	13.835,17	13.340,16	19.438,54
01.03.2019	22:30:00	13.978,39	13.516,68	19.548,81
01.03.2019	22:45:00	14.322,68	13.819,09	19.702,12
01.03.2019	23:00:00	14.280,00	13.772,23	19.465,99
01.03.2019	23:15:00	13.644,16	13.138,68	18.712,78
01.03.2019	23:30:00	12.998,48	12.488,41	18.061,25
01.03.2019	23:45:00	12.346,96	11.828,97	17.209,76
02.03.2019	00:00:00	11.720,01	11.197,48	16.502,38
02.03.2019	00:15:00	11.275,74	10.758,79	16.011,39
02.03.2019	00:30:00	10.647,09	10.104,37	15.419,31
02.03.2019	00:45:00	10.225,92	9.833,94	14.996,03
02.03.2019	01:00:00	9.804,02	9.504,12	14.705,60
02.03.2019	01:15:00	9.566,38	9.227,12	14.444,34
02.03.2019	01:30:00	9.297,41	8.948,27	13.994,19
02.03.2019	01:45:00	9.089,90	8.849,27	13.848,20
02.03.2019	02:00:00	8.921,92	8.679,22	13.641,48
02.03.2019	02:15:00	8.797,40	8.557,18	13.544,78
02.03.2019	02:30:00	8.683,57	8.448,72	13.474,25
02.03.2019	02:45:00	8.646,94	8.409,58	13.375,17
02.03.2019	03:00:00	8.617,89	8.386,42	13.245,88
02.03.2019	03:15:00	8.622,39	8.425,18	13.069,07
02.03.2019	03:30:00	8.727,93	8.487,03	13.054,83
02.03.2019	03:45:00	8.811,21	8.566,85	13.183,45
02.03.2019	04:00:00	8.871,99	8.635,86	13.191,88
02.03.2019	04:15:00	9.034,22	8.809,53	13.342,78
02.03.2019	04:30:00	8.933,99	8.730,23	13.294,51
02.03.2019	04:45:00	8.908,53	8.662,58	13.245,17
02.03.2019	05:00:00	8.847,59	8.563,26	13.280,52
02.03.2019	05:15:00	8.837,67	8.518,74	13.356,53
02.03.2019	05:30:00	8.632,43	8.301,99	13.347,54
02.03.2019	05:45:00	8.964,16	8.638,74	13.797,22
02.03.2019	06:00:00	9.006,48	8.696,72	13.965,36
02.03.2019	06:15:00	9.004,12	8.716,67	14.451,13
02.03.2019	06:30:00	8.995,91	8.616,50	14.324,84
02.03.2019	06:45:00	8.753,87	8.267,54	13.998,68
02.03.2019	07:00:00	8.898,59	8.426,87	14.355,77
02.03.2019	07:15:00	9.266,90	8.801,33	15.025,65
02.03.2019	07:30:00	9.352,54	8.851,83	15.038,62
02.03.2019	07:45:00	9.805,89	9.298,10	15.452,36
02.03.2019	08:00:00	10.128,03	9.581,50	15.759,30
02.03.2019	08:15:00	10.560,17	9.969,27	16.385,09
02.03.2019	08:30:00	10.730,69	10.078,77	16.583,78
02.03.2019	08:45:00	11.065,11	10.395,68	16.789,79
02.03.2019	09:00:00	11.423,35	10.708,34	17.066,90
02.03.2019	09:15:00	11.789,44	11.043,27	17.360,44
02.03.2019	09:30:00	12.156,97	11.375,35	17.765,06
02.03.2019	09:45:00	12.338,32	11.534,66	17.832,86
02.03.2019	10:00:00	12.657,09	11.839,57	18.053,94
02.03.2019	10:15:00	12.976,00	11.970,17	18.081,98
02.03.2019	10:30:00	12.970,80	11.685,13	17.805,40
02.03.2019	10:45:00	13.238,62	12.156,62	18.239,78
02.03.2019	11:00:00	13.416,09	12.496,15	18.416,63
02.03.2019	11:15:00	13.489,33	12.715,84	18.794,70
02.03.2019	11:30:00	13.830,89	12.988,08	19.099,91
02.03.2019	11:45:00	14.016,95	13.093,30	19.156,06
02.03.2019	12:00:00	14.158,55	12.949,18	18.914,69
02.03.2019	12:15:00	14.078,80	12.870,30	18.758,16
02.03.2019	12:30:00	14.472,70	13.181,22	19.000,01
02.03.2019	12:45:00	14.225,49	12.909,65	18.610,79

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.03.2019	13:00:00	14.055,39	12.215,04	17.835,13
02.03.2019	13:15:00	13.766,47	11.319,41	16.933,20
02.03.2019	13:30:00	14.335,33	10.459,66	15.877,62
02.03.2019	13:45:00	14.702,51	9.562,24	14.775,96
02.03.2019	14:00:00	13.082,66	9.938,39	15.078,98
02.03.2019	14:15:00	12.249,52	10.676,96	15.857,30
02.03.2019	14:30:00	12.449,05	10.847,87	15.991,16
02.03.2019	14:45:00	12.072,32	10.316,96	15.404,14
02.03.2019	15:00:00	11.913,10	10.416,21	15.467,21
02.03.2019	15:15:00	11.950,59	10.862,79	15.925,62
02.03.2019	15:30:00	11.762,80	10.575,63	15.667,32
02.03.2019	15:45:00	12.468,50	9.473,03	14.547,78
02.03.2019	16:00:00	11.727,06	10.576,58	15.712,22
02.03.2019	16:15:00	11.816,36	10.887,69	16.088,55
02.03.2019	16:30:00	11.892,34	10.815,13	15.949,56
02.03.2019	16:45:00	11.779,29	10.392,85	15.383,25
02.03.2019	17:00:00	11.730,99	10.682,07	15.692,28
02.03.2019	17:15:00	11.942,01	11.019,59	16.035,56
02.03.2019	17:30:00	12.053,92	11.372,77	16.327,96
02.03.2019	17:45:00	12.489,87	11.882,46	16.784,64
02.03.2019	18:00:00	12.708,27	12.164,31	17.094,87
02.03.2019	18:15:00	13.139,95	12.645,22	17.605,95
02.03.2019	18:30:00	13.527,30	13.062,90	18.049,20
02.03.2019	18:45:00	14.246,39	13.754,15	18.694,27
02.03.2019	19:00:00	14.274,84	13.784,87	18.696,60
02.03.2019	19:15:00	14.387,37	13.902,17	18.853,22
02.03.2019	19:30:00	14.454,22	13.976,77	18.982,34
02.03.2019	19:45:00	14.139,02	13.652,49	18.533,48
02.03.2019	20:00:00	13.975,32	13.499,06	18.425,12
02.03.2019	20:15:00	13.671,33	13.164,64	18.043,81
02.03.2019	20:30:00	13.269,34	12.769,88	17.544,94
02.03.2019	20:45:00	13.070,55	12.678,18	17.309,89
02.03.2019	21:00:00	12.751,94	12.370,29	17.009,72
02.03.2019	21:15:00	12.819,20	12.439,73	17.111,47
02.03.2019	21:30:00	13.789,28	13.404,80	17.999,57
02.03.2019	21:45:00	13.298,22	12.910,59	17.481,60
02.03.2019	22:00:00	12.991,84	12.585,10	17.034,54
02.03.2019	22:15:00	13.188,30	12.786,17	17.214,64
02.03.2019	22:30:00	13.265,88	12.865,81	17.303,48
02.03.2019	22:45:00	13.402,79	13.003,72	17.347,89
02.03.2019	23:00:00	13.417,51	13.015,80	17.336,60
02.03.2019	23:15:00	12.757,60	12.369,77	16.531,35
02.03.2019	23:30:00	12.157,06	11.736,17	15.895,16
02.03.2019	23:45:00	11.642,11	11.211,50	15.382,51
03.03.2019	00:00:00	11.124,66	10.726,62	14.906,84
03.03.2019	00:15:00	10.430,43	10.099,90	14.124,85
03.03.2019	00:30:00	9.958,20	9.619,44	13.676,58
03.03.2019	00:45:00	9.571,54	9.239,19	13.219,76
03.03.2019	01:00:00	9.224,74	8.913,73	12.777,15
03.03.2019	01:15:00	8.928,02	8.570,07	12.391,84
03.03.2019	01:30:00	8.729,07	8.373,97	12.192,31
03.03.2019	01:45:00	8.591,27	8.246,90	12.061,06
03.03.2019	02:00:00	8.344,68	8.028,21	11.800,04
03.03.2019	02:15:00	8.265,49	7.899,52	11.626,42
03.03.2019	02:30:00	8.144,13	7.783,02	11.455,24
03.03.2019	02:45:00	8.070,45	7.714,61	11.342,68
03.03.2019	03:00:00	8.042,38	7.685,36	11.382,76
03.03.2019	03:15:00	8.090,14	7.766,71	11.507,71
03.03.2019	03:30:00	8.035,94	7.680,00	11.400,65
03.03.2019	03:45:00	8.068,48	7.708,35	11.488,94
03.03.2019	04:00:00	8.090,99	7.767,13	11.570,94
03.03.2019	04:15:00	8.245,43	7.878,03	11.625,90
03.03.2019	04:30:00	8.267,45	7.942,04	11.682,28
03.03.2019	04:45:00	8.249,50	7.940,85	11.745,93
03.03.2019	05:00:00	8.341,43	8.103,08	11.984,60
03.03.2019	05:15:00	8.228,10	8.078,22	11.977,77
03.03.2019	05:30:00	8.012,52	7.830,13	11.629,48
03.03.2019	05:45:00	8.196,37	8.025,91	11.850,29
03.03.2019	06:00:00	8.356,95	8.205,24	12.126,85
03.03.2019	06:15:00	8.175,32	8.009,22	12.029,62
03.03.2019	06:30:00	8.186,07	7.867,22	11.957,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.03.2019	06:45:00	7.931,42	7.588,44	11.612,57
03.03.2019	07:00:00	7.399,94	7.031,73	11.002,92
03.03.2019	07:15:00	7.756,65	7.364,26	11.453,06
03.03.2019	07:30:00	7.987,28	7.522,97	11.801,36
03.03.2019	07:45:00	8.313,78	7.740,88	11.886,89
03.03.2019	08:00:00	8.356,64	7.584,38	11.524,86
03.03.2019	08:15:00	8.662,77	7.822,85	11.803,69
03.03.2019	08:30:00	8.826,70	7.761,16	11.707,92
03.03.2019	08:45:00	9.035,47	7.968,43	11.859,47
03.03.2019	09:00:00	9.263,27	7.715,80	11.565,98
03.03.2019	09:15:00	9.301,47	7.024,31	10.925,33
03.03.2019	09:30:00	10.175,77	8.250,93	12.128,18
03.03.2019	09:45:00	10.464,63	8.808,56	12.712,88
03.03.2019	10:00:00	10.818,62	8.262,60	12.261,45
03.03.2019	10:15:00	11.384,96	8.939,66	12.951,58
03.03.2019	10:30:00	11.396,65	7.891,19	11.842,07
03.03.2019	10:45:00	11.766,67	8.459,43	12.415,75
03.03.2019	11:00:00	12.192,59	9.727,99	13.786,92
03.03.2019	11:15:00	12.834,93	10.712,43	14.787,31
03.03.2019	11:30:00	12.364,05	10.421,74	14.375,30
03.03.2019	11:45:00	12.723,71	9.878,95	13.909,51
03.03.2019	12:00:00	12.425,39	9.695,69	13.724,49
03.03.2019	12:15:00	13.440,76	9.430,13	13.570,81
03.03.2019	12:30:00	12.955,27	9.438,26	13.544,56
03.03.2019	12:45:00	12.766,14	10.606,46	14.718,47
03.03.2019	13:00:00	12.442,78	9.753,42	13.746,31
03.03.2019	13:15:00	12.178,82	9.191,05	13.274,08
03.03.2019	13:30:00	12.492,62	9.851,98	14.080,48
03.03.2019	13:45:00	12.153,35	10.059,87	14.215,85
03.03.2019	14:00:00	11.831,05	9.344,91	13.472,52
03.03.2019	14:15:00	11.547,81	8.935,38	13.008,76
03.03.2019	14:30:00	11.194,71	8.756,42	12.792,09
03.03.2019	14:45:00	10.942,82	8.745,86	12.718,69
03.03.2019	15:00:00	10.474,77	8.902,43	12.963,95
03.03.2019	15:15:00	10.599,44	9.405,54	13.525,03
03.03.2019	15:30:00	10.525,30	9.191,87	13.317,96
03.03.2019	15:45:00	10.752,20	8.558,07	12.730,70
03.03.2019	16:00:00	10.237,47	8.208,24	12.355,75
03.03.2019	16:15:00	10.819,60	8.036,75	12.189,42
03.03.2019	16:30:00	10.288,39	9.043,09	13.290,44
03.03.2019	16:45:00	10.439,62	9.323,39	13.620,48
03.03.2019	17:00:00	10.720,90	9.880,23	14.223,84
03.03.2019	17:15:00	11.141,39	10.389,47	14.728,70
03.03.2019	17:30:00	11.121,45	10.420,18	14.628,43
03.03.2019	17:45:00	11.543,87	10.986,63	15.231,95
03.03.2019	18:00:00	11.968,20	11.440,85	15.770,02
03.03.2019	18:15:00	12.617,57	12.111,80	16.445,43
03.03.2019	18:30:00	13.429,59	12.968,48	17.324,18
03.03.2019	18:45:00	13.917,55	13.429,78	17.716,43
03.03.2019	19:00:00	13.814,35	13.337,64	17.697,60
03.03.2019	19:15:00	13.994,60	13.505,07	17.767,84
03.03.2019	19:30:00	13.875,41	13.369,93	17.618,36
03.03.2019	19:45:00	13.716,53	13.246,41	17.546,99
03.03.2019	20:00:00	13.537,56	13.020,05	17.293,91
03.03.2019	20:15:00	13.349,19	12.856,74	17.083,17
03.03.2019	20:30:00	13.308,02	12.815,00	17.020,86
03.03.2019	20:45:00	13.136,31	12.616,98	16.801,39
03.03.2019	21:00:00	12.694,29	12.209,03	16.354,35
03.03.2019	21:15:00	12.761,68	12.237,59	16.314,67
03.03.2019	21:30:00	13.696,62	13.167,33	17.230,90
03.03.2019	21:45:00	13.268,97	12.735,18	16.985,79
03.03.2019	22:00:00	12.860,66	12.323,56	16.518,34
03.03.2019	22:15:00	12.782,86	12.245,90	16.509,41
03.03.2019	22:30:00	12.305,81	11.761,68	16.238,29
03.03.2019	22:45:00	12.520,63	12.170,42	16.656,87
03.03.2019	23:00:00	12.515,01	12.175,60	16.669,19
03.03.2019	23:15:00	11.751,39	11.441,00	15.915,44
03.03.2019	23:30:00	10.886,46	10.646,49	15.244,60
03.03.2019	23:45:00	10.288,26	10.041,36	14.686,68
04.03.2019	00:00:00	9.750,36	9.501,73	14.077,31
04.03.2019	00:15:00	9.233,08	8.976,92	13.510,43

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.03.2019	00:30:00	8.877,15	8.618,78	13.040,72
04.03.2019	00:45:00	8.612,37	8.351,49	12.852,37
04.03.2019	01:00:00	8.310,87	8.046,42	12.666,29
04.03.2019	01:15:00	7.967,86	7.701,70	12.326,84
04.03.2019	01:30:00	7.829,83	7.562,00	12.021,60
04.03.2019	01:45:00	7.891,32	7.625,67	12.016,48
04.03.2019	02:00:00	7.881,43	7.613,35	11.984,10
04.03.2019	02:15:00	8.003,55	7.645,59	12.078,20
04.03.2019	02:30:00	8.054,30	7.677,78	12.207,39
04.03.2019	02:45:00	8.003,03	7.627,08	12.186,80
04.03.2019	03:00:00	8.053,35	7.675,48	12.187,50
04.03.2019	03:15:00	8.079,56	7.700,96	12.296,15
04.03.2019	03:30:00	8.149,80	7.772,18	12.579,96
04.03.2019	03:45:00	8.308,13	7.932,04	12.792,88
04.03.2019	04:00:00	8.490,76	8.116,28	12.764,55
04.03.2019	04:15:00	8.703,44	8.330,34	12.980,58
04.03.2019	04:30:00	8.846,88	8.476,03	13.131,09
04.03.2019	04:45:00	8.859,74	8.488,51	13.193,68
04.03.2019	05:00:00	9.226,84	8.778,17	13.729,13
04.03.2019	05:15:00	9.489,18	8.948,39	14.962,20
04.03.2019	05:30:00	9.325,75	8.813,08	15.077,45
04.03.2019	05:45:00	9.661,46	9.151,05	15.854,85
04.03.2019	06:00:00	9.878,03	9.372,82	16.805,96
04.03.2019	06:15:00	10.131,20	9.637,62	18.285,98
04.03.2019	06:30:00	9.948,80	9.471,61	18.917,19
04.03.2019	06:45:00	9.925,37	9.454,16	19.470,53
04.03.2019	07:00:00	9.875,36	9.419,43	20.313,29
04.03.2019	07:15:00	10.069,63	9.578,26	20.945,21
04.03.2019	07:30:00	10.206,44	9.665,47	21.383,05
04.03.2019	07:45:00	10.421,76	9.889,49	21.841,65
04.03.2019	08:00:00	10.660,57	10.092,50	22.148,08
04.03.2019	08:15:00	10.896,43	10.106,62	22.134,48
04.03.2019	08:30:00	11.122,29	10.492,33	22.558,12
04.03.2019	08:45:00	11.438,51	10.825,24	22.964,01
04.03.2019	09:00:00	11.762,90	11.093,63	23.175,65
04.03.2019	09:15:00	12.321,33	11.467,25	22.531,15
04.03.2019	09:30:00	12.450,04	11.747,48	23.241,26
04.03.2019	09:45:00	12.489,22	12.083,78	24.448,88
04.03.2019	10:00:00	12.702,66	12.019,47	24.711,85
04.03.2019	10:15:00	13.136,79	12.617,45	25.411,04
04.03.2019	10:30:00	13.003,47	12.274,69	24.747,72
04.03.2019	10:45:00	12.835,36	11.640,86	24.139,22
04.03.2019	11:00:00	12.788,80	11.242,22	23.564,98
04.03.2019	11:15:00	13.032,48	11.617,69	23.974,58
04.03.2019	11:30:00	13.445,49	12.181,87	25.076,86
04.03.2019	11:45:00	13.823,65	12.780,30	25.442,04
04.03.2019	12:00:00	13.847,03	12.537,71	25.168,44
04.03.2019	12:15:00	14.037,59	12.864,50	24.877,72
04.03.2019	12:30:00	14.224,43	12.894,00	24.648,80
04.03.2019	12:45:00	13.801,09	12.458,74	24.245,36
04.03.2019	13:00:00	13.623,63	12.268,58	24.351,72
04.03.2019	13:15:00	13.315,00	12.161,93	24.148,40
04.03.2019	13:30:00	13.352,26	12.165,72	24.170,36
04.03.2019	13:45:00	13.161,21	12.052,57	24.117,47
04.03.2019	14:00:00	12.864,07	11.408,14	23.529,22
04.03.2019	14:15:00	12.757,14	10.942,01	22.915,10
04.03.2019	14:30:00	12.713,74	9.965,34	21.623,33
04.03.2019	14:45:00	12.991,14	7.091,26	18.276,37
04.03.2019	15:00:00	12.508,70	7.976,31	19.209,14
04.03.2019	15:15:00	12.288,55	8.188,37	19.112,10
04.03.2019	15:30:00	12.661,03	8.404,14	19.287,31
04.03.2019	15:45:00	12.355,11	8.294,67	18.761,89
04.03.2019	16:00:00	12.891,94	8.903,65	19.114,38
04.03.2019	16:15:00	12.840,10	8.912,89	18.643,46
04.03.2019	16:30:00	11.815,40	10.177,63	19.799,84
04.03.2019	16:45:00	11.981,97	11.403,03	21.335,29
04.03.2019	17:00:00	12.310,23	11.877,37	22.051,68
04.03.2019	17:15:00	12.869,88	12.516,64	22.372,92
04.03.2019	17:30:00	13.779,35	13.457,45	23.187,15
04.03.2019	17:45:00	15.101,27	14.778,42	24.276,09
04.03.2019	18:00:00	15.026,93	14.683,43	24.048,82

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.03.2019	18:15:00	15.176,88	14.849,99	24.152,09
04.03.2019	18:30:00	15.472,90	15.147,47	24.271,39
04.03.2019	18:45:00	15.406,93	15.069,59	24.044,39
04.03.2019	19:00:00	15.291,57	14.947,45	23.700,35
04.03.2019	19:15:00	15.363,92	15.024,52	23.721,43
04.03.2019	19:30:00	15.375,40	15.016,42	23.714,66
04.03.2019	19:45:00	15.132,40	14.770,45	23.373,34
04.03.2019	20:00:00	14.877,11	14.504,19	22.860,48
04.03.2019	20:15:00	14.450,91	14.066,46	22.265,03
04.03.2019	20:30:00	14.360,24	13.972,15	21.891,66
04.03.2019	20:45:00	14.122,74	13.724,06	21.612,35
04.03.2019	21:00:00	13.814,60	13.410,60	21.307,99
04.03.2019	21:15:00	13.780,50	13.376,94	21.109,31
04.03.2019	21:30:00	14.968,06	14.573,62	22.344,54
04.03.2019	21:45:00	14.442,78	14.056,45	21.732,34
04.03.2019	22:00:00	13.999,91	13.607,17	21.122,64
04.03.2019	22:15:00	13.642,96	13.245,25	20.506,89
04.03.2019	22:30:00	13.457,47	13.053,25	20.103,06
04.03.2019	22:45:00	13.450,50	13.060,79	19.939,34
04.03.2019	23:00:00	13.462,47	13.048,09	19.752,86
04.03.2019	23:15:00	12.981,17	12.571,01	19.088,47
04.03.2019	23:30:00	12.308,64	11.894,10	18.228,34
04.03.2019	23:45:00	11.753,56	11.332,66	17.521,42
05.03.2019	00:00:00	11.392,29	10.973,78	16.867,90
05.03.2019	00:15:00	10.992,38	10.573,38	16.504,41
05.03.2019	00:30:00	10.444,73	10.003,35	15.888,08
05.03.2019	00:45:00	9.981,00	9.541,51	15.396,43
05.03.2019	01:00:00	9.891,99	9.453,34	15.211,27
05.03.2019	01:15:00	9.713,93	9.273,72	14.940,15
05.03.2019	01:30:00	9.451,97	9.010,51	14.682,05
05.03.2019	01:45:00	9.209,98	8.777,92	14.328,17
05.03.2019	02:00:00	9.103,96	8.648,54	14.247,48
05.03.2019	02:15:00	9.122,54	8.665,92	14.257,97
05.03.2019	02:30:00	9.024,88	8.698,72	14.277,87
05.03.2019	02:45:00	9.201,55	8.956,66	14.519,06
05.03.2019	03:00:00	9.256,87	9.075,94	14.592,06
05.03.2019	03:15:00	9.197,31	9.016,25	14.595,53
05.03.2019	03:30:00	9.203,83	9.116,61	14.718,34
05.03.2019	03:45:00	9.112,40	9.043,95	14.641,36
05.03.2019	04:00:00	9.101,96	9.032,34	14.477,42
05.03.2019	04:15:00	9.292,24	9.224,37	14.848,77
05.03.2019	04:30:00	9.328,33	9.261,45	14.868,64
05.03.2019	04:45:00	9.368,94	9.302,64	14.974,31
05.03.2019	05:00:00	9.483,89	9.428,78	15.353,41
05.03.2019	05:15:00	9.795,73	9.774,98	16.413,66
05.03.2019	05:30:00	9.717,49	9.636,31	16.663,79
05.03.2019	05:45:00	10.150,45	10.037,47	17.439,32
05.03.2019	06:00:00	10.309,72	10.197,31	18.168,40
05.03.2019	06:15:00	10.426,19	10.129,55	19.538,22
05.03.2019	06:30:00	10.400,36	9.965,78	20.238,48
05.03.2019	06:45:00	10.248,33	9.822,46	20.528,82
05.03.2019	07:00:00	9.924,39	9.511,66	20.772,49
05.03.2019	07:15:00	10.388,08	9.948,50	21.532,75
05.03.2019	07:30:00	10.446,24	9.969,68	21.938,56
05.03.2019	07:45:00	10.331,55	9.760,62	21.849,15
05.03.2019	08:00:00	10.419,23	9.596,76	21.785,02
05.03.2019	08:15:00	10.796,55	9.745,27	21.966,42
05.03.2019	08:30:00	11.051,77	10.060,15	22.595,34
05.03.2019	08:45:00	10.959,37	9.632,11	22.109,23
05.03.2019	09:00:00	11.331,01	9.883,59	22.247,00
05.03.2019	09:15:00	12.291,38	11.081,22	23.092,70
05.03.2019	09:30:00	12.367,96	10.392,93	22.389,53
05.03.2019	09:45:00	11.365,07	8.827,34	21.314,69
05.03.2019	10:00:00	11.478,39	7.632,34	20.266,24
05.03.2019	10:15:00	11.331,75	7.521,33	19.927,33
05.03.2019	10:30:00	11.915,07	7.996,87	20.418,98
05.03.2019	10:45:00	12.363,64	7.492,18	19.909,67
05.03.2019	11:00:00	11.960,48	7.197,48	19.988,16
05.03.2019	11:15:00	12.421,70	7.403,96	19.940,36
05.03.2019	11:30:00	13.372,60	8.242,51	20.771,06
05.03.2019	11:45:00	12.643,72	10.570,21	23.370,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.03.2019	12:00:00	12.963,02	10.862,77	23.439,14
05.03.2019	12:15:00	13.339,82	10.282,64	22.237,77
05.03.2019	12:30:00	13.387,70	10.058,39	21.622,63
05.03.2019	12:45:00	13.009,60	9.858,03	21.593,62
05.03.2019	13:00:00	12.839,88	9.679,04	21.320,26
05.03.2019	13:15:00	12.627,28	9.988,74	22.130,60
05.03.2019	13:30:00	12.580,42	10.347,16	22.554,45
05.03.2019	13:45:00	12.449,29	9.409,13	21.430,00
05.03.2019	14:00:00	12.288,17	9.988,74	22.067,51
05.03.2019	14:15:00	12.157,55	10.482,02	22.628,97
05.03.2019	14:30:00	12.087,11	10.557,45	22.704,41
05.03.2019	14:45:00	12.197,99	10.743,14	22.653,38
05.03.2019	15:00:00	12.079,13	10.959,21	22.813,43
05.03.2019	15:15:00	12.196,28	11.013,83	22.430,14
05.03.2019	15:30:00	12.130,96	10.955,15	22.107,03
05.03.2019	15:45:00	12.051,25	10.999,99	21.796,15
05.03.2019	16:00:00	12.253,83	11.206,75	21.832,26
05.03.2019	16:15:00	12.322,66	11.320,67	21.469,26
05.03.2019	16:30:00	12.416,26	11.778,35	21.830,06
05.03.2019	16:45:00	12.617,87	12.081,71	22.058,99
05.03.2019	17:00:00	12.767,80	12.285,59	22.097,87
05.03.2019	17:15:00	13.233,05	12.895,14	22.327,29
05.03.2019	17:30:00	13.749,78	13.394,47	22.711,49
05.03.2019	17:45:00	14.242,38	13.917,69	23.218,47
05.03.2019	18:00:00	14.541,84	14.226,22	23.480,86
05.03.2019	18:15:00	15.044,59	14.720,13	23.658,15
05.03.2019	18:30:00	15.440,57	15.122,72	23.883,40
05.03.2019	18:45:00	15.379,87	15.055,02	23.613,20
05.03.2019	19:00:00	15.546,41	15.214,99	23.679,09
05.03.2019	19:15:00	15.620,14	15.283,87	23.738,33
05.03.2019	19:30:00	15.559,99	15.209,53	23.541,50
05.03.2019	19:45:00	15.317,34	14.956,58	23.128,43
05.03.2019	20:00:00	14.928,63	14.562,71	22.715,06
05.03.2019	20:15:00	14.589,69	14.206,07	22.227,60
05.03.2019	20:30:00	14.466,64	14.078,63	21.838,38
05.03.2019	20:45:00	14.275,69	13.882,36	21.697,11
05.03.2019	21:00:00	14.087,35	13.688,09	21.351,27
05.03.2019	21:15:00	13.899,74	13.498,65	20.971,50
05.03.2019	21:30:00	14.976,92	14.584,86	21.883,42
05.03.2019	21:45:00	14.508,77	14.110,45	21.160,57
05.03.2019	22:00:00	14.000,72	13.627,29	20.695,78
05.03.2019	22:15:00	13.732,53	13.363,38	20.158,92
05.03.2019	22:30:00	13.475,33	13.063,51	19.578,82
05.03.2019	22:45:00	13.572,87	13.186,33	19.459,31
05.03.2019	23:00:00	13.530,24	13.149,72	19.308,55
05.03.2019	23:15:00	13.014,94	12.601,23	18.576,92
05.03.2019	23:30:00	12.302,23	11.888,32	17.779,96
05.03.2019	23:45:00	11.671,91	11.252,25	16.972,50
06.03.2019	00:00:00	11.173,47	10.748,82	16.376,53
06.03.2019	00:15:00	10.493,00	10.068,27	15.411,85
06.03.2019	00:30:00	9.914,78	9.513,56	14.842,74
06.03.2019	00:45:00	9.667,23	9.214,50	14.703,64
06.03.2019	01:00:00	9.485,10	9.035,64	14.444,39
06.03.2019	01:15:00	9.381,62	8.940,16	14.395,04
06.03.2019	01:30:00	9.150,17	8.704,23	14.157,39
06.03.2019	01:45:00	8.994,82	8.547,58	14.015,90
06.03.2019	02:00:00	8.926,45	8.513,69	13.851,08
06.03.2019	02:15:00	8.995,32	8.542,48	13.803,99
06.03.2019	02:30:00	9.037,40	8.579,05	13.884,18
06.03.2019	02:45:00	9.056,32	8.607,25	13.894,20
06.03.2019	03:00:00	9.045,85	8.597,99	13.965,03
06.03.2019	03:15:00	8.989,80	8.568,01	14.044,76
06.03.2019	03:30:00	9.022,11	8.562,07	14.109,58
06.03.2019	03:45:00	9.087,78	8.627,61	14.149,22
06.03.2019	04:00:00	9.333,73	8.874,30	14.278,24
06.03.2019	04:15:00	9.498,81	9.041,43	14.618,40
06.03.2019	04:30:00	9.628,02	9.170,28	14.827,11
06.03.2019	04:45:00	9.661,83	9.205,09	14.860,72
06.03.2019	05:00:00	9.982,73	9.537,32	15.416,67
06.03.2019	05:15:00	10.188,83	9.760,15	16.181,54
06.03.2019	05:30:00	9.970,81	9.559,71	16.145,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.03.2019	05:45:00	10.314,00	9.929,81	16.936,25
06.03.2019	06:00:00	10.677,39	10.292,70	17.921,30
06.03.2019	06:15:00	10.770,41	10.395,46	19.298,65
06.03.2019	06:30:00	10.830,37	10.340,21	19.981,30
06.03.2019	06:45:00	10.679,13	10.204,54	20.603,74
06.03.2019	07:00:00	10.309,36	9.840,76	20.592,50
06.03.2019	07:15:00	10.724,63	10.235,51	21.461,97
06.03.2019	07:30:00	10.900,16	10.304,91	22.138,37
06.03.2019	07:45:00	11.004,24	10.260,62	21.906,40
06.03.2019	08:00:00	11.229,12	10.366,29	22.218,82
06.03.2019	08:15:00	11.288,27	10.231,80	22.405,07
06.03.2019	08:30:00	11.188,27	9.993,07	22.231,93
06.03.2019	08:45:00	11.437,25	10.030,29	22.465,39
06.03.2019	09:00:00	11.542,71	9.639,70	21.785,82
06.03.2019	09:15:00	12.109,06	9.810,01	21.148,06
06.03.2019	09:30:00	11.810,89	9.114,88	20.622,54
06.03.2019	09:45:00	11.887,45	8.910,02	20.727,14
06.03.2019	10:00:00	11.977,68	9.265,60	21.293,12
06.03.2019	10:15:00	12.038,40	8.420,58	20.364,74
06.03.2019	10:30:00	11.908,57	7.758,91	19.584,83
06.03.2019	10:45:00	11.852,27	8.059,08	19.908,73
06.03.2019	11:00:00	12.197,66	8.657,15	20.643,99
06.03.2019	11:15:00	12.344,05	9.506,85	21.606,03
06.03.2019	11:30:00	12.824,01	10.174,63	22.407,50
06.03.2019	11:45:00	12.947,85	10.510,12	22.690,17
06.03.2019	12:00:00	13.105,05	10.678,58	22.609,63
06.03.2019	12:15:00	13.231,66	10.815,92	22.232,18
06.03.2019	12:30:00	13.452,38	11.272,14	22.535,48
06.03.2019	12:45:00	13.147,01	11.001,84	22.515,11
06.03.2019	13:00:00	12.915,64	9.720,87	21.326,89
06.03.2019	13:15:00	12.457,97	9.689,61	21.456,58
06.03.2019	13:30:00	12.233,96	9.156,18	20.927,01
06.03.2019	13:45:00	12.124,86	7.234,76	18.938,15
06.03.2019	14:00:00	11.904,63	7.055,30	18.783,15
06.03.2019	14:15:00	11.854,98	6.704,70	18.360,39
06.03.2019	14:30:00	11.976,27	7.728,67	19.451,39
06.03.2019	14:45:00	11.743,66	7.382,49	18.881,92
06.03.2019	15:00:00	11.394,88	7.909,75	19.285,58
06.03.2019	15:15:00	11.265,04	8.424,97	19.533,98
06.03.2019	15:30:00	11.136,28	9.390,09	20.473,08
06.03.2019	15:45:00	11.149,53	9.832,61	20.708,17
06.03.2019	16:00:00	11.182,35	9.954,24	20.664,55
06.03.2019	16:15:00	11.366,62	10.274,95	20.679,25
06.03.2019	16:30:00	11.410,93	10.297,40	20.609,10
06.03.2019	16:45:00	11.672,32	10.718,69	20.642,71
06.03.2019	17:00:00	11.656,01	10.765,88	20.676,76
06.03.2019	17:15:00	11.924,97	11.033,98	20.592,67
06.03.2019	17:30:00	12.166,48	11.238,67	20.699,25
06.03.2019	17:45:00	12.317,36	11.565,85	20.909,60
06.03.2019	18:00:00	12.703,14	12.114,30	21.381,98
06.03.2019	18:15:00	13.199,71	12.706,74	21.759,18
06.03.2019	18:30:00	13.888,31	13.417,71	22.324,96
06.03.2019	18:45:00	14.805,70	14.340,36	23.265,61
06.03.2019	19:00:00	14.981,25	14.561,29	23.294,80
06.03.2019	19:15:00	14.978,77	14.562,00	23.204,17
06.03.2019	19:30:00	15.120,97	14.688,35	23.306,78
06.03.2019	19:45:00	14.760,14	14.314,23	23.000,08
06.03.2019	20:00:00	14.488,37	14.037,61	22.682,91
06.03.2019	20:15:00	14.187,55	13.691,44	22.306,40
06.03.2019	20:30:00	13.980,78	13.455,52	21.867,42
06.03.2019	20:45:00	13.759,66	13.220,74	21.506,10
06.03.2019	21:00:00	13.460,93	12.913,46	21.084,27
06.03.2019	21:15:00	13.259,58	12.713,39	20.912,98
06.03.2019	21:30:00	14.018,64	13.484,16	21.457,29
06.03.2019	21:45:00	13.481,42	12.978,27	20.806,21
06.03.2019	22:00:00	12.851,26	12.308,06	19.936,09
06.03.2019	22:15:00	12.765,51	12.208,21	19.632,56
06.03.2019	22:30:00	12.463,61	11.910,41	19.292,26
06.03.2019	22:45:00	12.702,91	12.148,92	18.934,66
06.03.2019	23:00:00	12.548,99	12.018,92	18.667,50
06.03.2019	23:15:00	11.821,67	11.304,60	17.834,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.03.2019	23:30:00	11.117,92	10.647,94	17.095,60
06.03.2019	23:45:00	10.525,01	10.057,85	16.211,80
07.03.2019	00:00:00	10.138,70	9.674,93	15.452,63
07.03.2019	00:15:00	9.650,15	9.179,25	15.075,88
07.03.2019	00:30:00	9.318,59	8.842,37	14.672,93
07.03.2019	00:45:00	8.742,29	8.281,95	14.065,88
07.03.2019	01:00:00	8.252,93	7.755,09	13.537,03
07.03.2019	01:15:00	8.135,26	7.643,58	13.286,88
07.03.2019	01:30:00	7.939,95	7.631,41	13.273,95
07.03.2019	01:45:00	7.823,17	7.539,34	13.117,66
07.03.2019	02:00:00	7.729,70	7.443,44	12.949,00
07.03.2019	02:15:00	7.642,93	7.376,41	12.928,90
07.03.2019	02:30:00	7.619,57	7.321,75	12.807,87
07.03.2019	02:45:00	7.699,12	7.339,81	12.835,91
07.03.2019	03:00:00	7.786,11	7.391,36	12.781,60
07.03.2019	03:15:00	7.859,33	7.499,67	12.880,45
07.03.2019	03:30:00	8.152,18	7.763,11	13.272,67
07.03.2019	03:45:00	8.354,13	7.952,99	13.452,81
07.03.2019	04:00:00	8.477,98	8.142,80	13.523,82
07.03.2019	04:15:00	8.611,04	8.302,36	13.834,90
07.03.2019	04:30:00	8.712,21	8.390,31	13.923,90
07.03.2019	04:45:00	8.664,42	8.339,80	13.919,22
07.03.2019	05:00:00	9.121,24	8.807,93	14.642,16
07.03.2019	05:15:00	9.551,62	9.262,54	15.617,74
07.03.2019	05:30:00	9.082,17	8.803,24	15.536,25
07.03.2019	05:45:00	9.517,98	9.246,99	16.433,01
07.03.2019	06:00:00	9.862,91	9.427,13	17.309,84
07.03.2019	06:15:00	9.919,32	9.455,20	18.613,34
07.03.2019	06:30:00	10.025,19	9.581,89	19.568,26
07.03.2019	06:45:00	9.894,30	9.454,64	19.974,09
07.03.2019	07:00:00	9.474,64	9.051,92	20.082,62
07.03.2019	07:15:00	9.916,19	9.432,24	20.815,16
07.03.2019	07:30:00	10.172,15	9.554,36	20.924,28
07.03.2019	07:45:00	10.280,47	9.548,88	20.907,69
07.03.2019	08:00:00	10.531,33	9.894,98	21.631,10
07.03.2019	08:15:00	10.985,43	10.220,89	22.149,66
07.03.2019	08:30:00	11.125,93	10.263,99	22.415,23
07.03.2019	08:45:00	11.360,58	10.509,70	22.802,29
07.03.2019	09:00:00	11.518,93	10.535,59	22.718,96
07.03.2019	09:15:00	12.084,94	11.026,26	22.874,78
07.03.2019	09:30:00	12.169,14	10.910,10	22.670,84
07.03.2019	09:45:00	12.229,91	11.284,02	23.590,52
07.03.2019	10:00:00	12.530,96	11.553,22	24.157,92
07.03.2019	10:15:00	12.616,98	11.416,31	23.792,58
07.03.2019	10:30:00	12.634,46	11.363,55	23.924,99
07.03.2019	10:45:00	12.615,85	10.592,10	23.051,16
07.03.2019	11:00:00	12.470,14	9.973,59	22.366,42
07.03.2019	11:15:00	12.669,27	9.976,63	22.421,17
07.03.2019	11:30:00	12.912,20	10.450,50	22.845,86
07.03.2019	11:45:00	13.337,72	11.253,21	23.584,29
07.03.2019	12:00:00	13.570,56	11.192,59	23.188,36
07.03.2019	12:15:00	13.551,02	11.107,09	22.498,02
07.03.2019	12:30:00	13.798,46	11.918,16	23.104,49
07.03.2019	12:45:00	13.276,83	11.373,00	22.833,93
07.03.2019	13:00:00	13.269,29	11.158,05	23.021,80
07.03.2019	13:15:00	13.024,87	10.662,84	22.464,04
07.03.2019	13:30:00	12.564,29	10.099,52	22.198,80
07.03.2019	13:45:00	12.815,21	8.235,11	20.317,99
07.03.2019	14:00:00	12.104,80	8.297,28	20.370,02
07.03.2019	14:15:00	12.373,54	11.114,22	23.442,58
07.03.2019	14:30:00	12.338,84	11.287,60	23.354,60
07.03.2019	14:45:00	12.394,95	11.415,19	23.705,32
07.03.2019	15:00:00	12.537,96	10.507,11	22.520,66
07.03.2019	15:15:00	12.757,35	8.160,40	19.675,48
07.03.2019	15:30:00	12.120,50	9.801,27	21.229,92
07.03.2019	15:45:00	12.194,03	9.572,95	20.634,70
07.03.2019	16:00:00	12.080,31	9.577,45	20.297,08
07.03.2019	16:15:00	13.263,65	8.937,73	19.317,70
07.03.2019	16:30:00	13.228,55	9.273,42	19.346,11
07.03.2019	16:45:00	12.712,73	9.822,22	19.642,29
07.03.2019	17:00:00	11.854,47	10.139,61	19.884,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.03.2019	17:15:00	11.755,79	10.564,78	20.072,69
07.03.2019	17:30:00	12.178,65	11.137,51	20.385,70
07.03.2019	17:45:00	12.519,23	11.682,43	20.753,32
07.03.2019	18:00:00	12.789,02	12.134,27	21.211,64
07.03.2019	18:15:00	13.062,31	12.520,74	21.616,60
07.03.2019	18:30:00	13.481,50	12.976,98	21.898,40
07.03.2019	18:45:00	14.482,32	13.977,85	22.896,05
07.03.2019	19:00:00	14.856,36	14.349,64	23.132,33
07.03.2019	19:15:00	15.205,40	14.702,76	23.453,42
07.03.2019	19:30:00	15.165,83	14.642,79	23.369,10
07.03.2019	19:45:00	14.995,27	14.463,25	23.261,67
07.03.2019	20:00:00	14.761,46	14.221,93	22.943,30
07.03.2019	20:15:00	14.557,20	14.002,89	22.647,70
07.03.2019	20:30:00	14.384,40	13.820,89	22.126,78
07.03.2019	20:45:00	14.199,03	13.623,81	21.729,76
07.03.2019	21:00:00	13.811,11	13.270,10	21.394,29
07.03.2019	21:15:00	13.883,33	13.353,26	21.303,56
07.03.2019	21:30:00	14.853,89	14.330,17	22.193,10
07.03.2019	21:45:00	14.366,71	13.831,98	21.349,39
07.03.2019	22:00:00	13.960,95	13.454,85	20.746,31
07.03.2019	22:15:00	13.568,83	13.102,83	20.083,81
07.03.2019	22:30:00	13.283,41	12.817,22	19.731,90
07.03.2019	22:45:00	13.529,78	13.094,79	19.701,54
07.03.2019	23:00:00	13.474,95	13.001,25	19.521,10
07.03.2019	23:15:00	12.661,94	12.190,99	18.489,70
07.03.2019	23:30:00	12.048,85	11.597,17	17.477,17
07.03.2019	23:45:00	11.282,58	10.785,00	16.577,25
08.03.2019	00:00:00	10.750,81	10.277,50	16.022,91
08.03.2019	00:15:00	10.117,04	9.637,31	15.213,82
08.03.2019	00:30:00	9.685,16	9.174,55	14.776,08
08.03.2019	00:45:00	9.313,54	8.849,25	14.365,58
08.03.2019	01:00:00	8.878,29	8.364,63	14.046,21
08.03.2019	01:15:00	8.544,80	8.050,93	13.655,88
08.03.2019	01:30:00	8.394,91	7.856,08	13.513,13
08.03.2019	01:45:00	8.421,32	7.788,85	13.250,46
08.03.2019	02:00:00	8.338,85	7.747,72	13.071,30
08.03.2019	02:15:00	8.391,51	7.770,01	13.250,60
08.03.2019	02:30:00	8.384,43	7.748,80	13.459,48
08.03.2019	02:45:00	8.357,48	7.736,77	13.450,32
08.03.2019	03:00:00	8.481,27	7.888,24	13.489,58
08.03.2019	03:15:00	8.409,54	7.792,88	13.223,48
08.03.2019	03:30:00	8.596,62	7.959,25	13.479,69
08.03.2019	03:45:00	8.886,87	8.256,57	13.728,85
08.03.2019	04:00:00	8.782,34	8.158,81	13.624,82
08.03.2019	04:15:00	8.969,74	8.343,71	13.972,24
08.03.2019	04:30:00	9.049,66	8.417,28	14.005,79
08.03.2019	04:45:00	9.091,20	8.459,78	14.077,02
08.03.2019	05:00:00	9.109,25	8.486,11	14.263,46
08.03.2019	05:15:00	9.403,55	8.811,69	15.132,82
08.03.2019	05:30:00	9.523,65	8.953,42	15.618,31
08.03.2019	05:45:00	9.801,14	9.235,21	16.322,42
08.03.2019	06:00:00	10.031,05	9.471,82	17.162,81
08.03.2019	06:15:00	10.151,01	9.593,71	18.508,50
08.03.2019	06:30:00	10.127,56	9.589,82	19.225,82
08.03.2019	06:45:00	10.120,65	9.589,07	19.718,46
08.03.2019	07:00:00	9.853,83	9.333,26	19.997,68
08.03.2019	07:15:00	10.259,59	9.731,72	20.821,19
08.03.2019	07:30:00	10.578,89	10.019,68	21.414,14
08.03.2019	07:45:00	10.828,28	10.070,46	21.686,18
08.03.2019	08:00:00	10.873,07	9.869,47	21.353,90
08.03.2019	08:15:00	11.206,10	10.123,47	21.955,08
08.03.2019	08:30:00	10.788,64	9.576,16	21.367,08
08.03.2019	08:45:00	10.560,63	9.142,70	21.044,01
08.03.2019	09:00:00	10.501,58	8.124,24	19.844,56
08.03.2019	09:15:00	11.105,78	7.860,90	18.850,81
08.03.2019	09:30:00	11.712,42	9.278,39	20.364,85
08.03.2019	09:45:00	12.431,24	10.781,75	22.554,00
08.03.2019	10:00:00	12.480,29	10.490,09	22.450,74
08.03.2019	10:15:00	12.756,37	10.851,85	22.547,18
08.03.2019	10:30:00	12.712,88	10.240,15	21.832,79
08.03.2019	10:45:00	12.534,09	8.860,82	20.522,46

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.03.2019	11:00:00	12.481,69	9.330,11	20.715,17
08.03.2019	11:15:00	12.348,85	10.671,91	22.394,63
08.03.2019	11:30:00	12.862,49	11.052,91	22.970,96
08.03.2019	11:45:00	13.351,55	9.677,13	21.277,56
08.03.2019	12:00:00	12.923,53	9.269,48	20.525,59
08.03.2019	12:15:00	12.206,67	10.079,17	20.983,90
08.03.2019	12:30:00	13.146,32	8.895,23	19.438,05
08.03.2019	12:45:00	12.755,22	9.816,41	20.723,16
08.03.2019	13:00:00	13.465,15	9.855,50	20.705,04
08.03.2019	13:15:00	12.828,45	7.394,41	18.135,40
08.03.2019	13:30:00	13.244,52	8.593,09	19.556,09
08.03.2019	13:45:00	12.416,20	10.385,99	21.527,74
08.03.2019	14:00:00	12.451,05	9.650,44	20.569,10
08.03.2019	14:15:00	12.106,63	10.036,75	20.884,94
08.03.2019	14:30:00	11.559,30	9.925,68	20.728,57
08.03.2019	14:45:00	10.492,88	8.665,34	19.007,59
08.03.2019	15:00:00	10.760,92	8.356,36	18.528,62
08.03.2019	15:15:00	12.044,24	9.398,51	19.251,32
08.03.2019	15:30:00	12.277,72	9.165,15	18.858,42
08.03.2019	15:45:00	12.990,05	8.142,76	17.534,30
08.03.2019	16:00:00	11.104,22	9.021,22	18.256,12
08.03.2019	16:15:00	11.897,22	9.870,73	19.005,34
08.03.2019	16:30:00	11.194,19	9.729,26	18.644,02
08.03.2019	16:45:00	11.400,45	10.056,37	18.971,16
08.03.2019	17:00:00	11.494,43	10.158,06	18.960,69
08.03.2019	17:15:00	11.991,20	10.761,46	19.535,87
08.03.2019	17:30:00	12.276,63	11.236,38	19.959,90
08.03.2019	17:45:00	12.573,63	11.843,28	20.401,60
08.03.2019	18:00:00	12.843,10	12.172,28	20.788,44
08.03.2019	18:15:00	13.220,68	12.680,60	21.111,96
08.03.2019	18:30:00	13.878,90	13.376,35	21.691,55
08.03.2019	18:45:00	14.588,27	14.091,61	22.338,02
08.03.2019	19:00:00	14.749,98	14.246,76	22.355,84
08.03.2019	19:15:00	15.093,34	14.592,81	22.705,00
08.03.2019	19:30:00	15.086,65	14.571,18	22.490,98
08.03.2019	19:45:00	14.914,83	14.398,74	22.254,81
08.03.2019	20:00:00	14.670,02	14.146,85	21.802,68
08.03.2019	20:15:00	14.378,56	13.895,25	21.222,36
08.03.2019	20:30:00	13.980,15	13.557,99	20.647,17
08.03.2019	20:45:00	13.901,44	13.482,51	20.437,96
08.03.2019	21:00:00	13.300,34	12.885,62	19.972,70
08.03.2019	21:15:00	13.557,74	13.139,24	20.130,56
08.03.2019	21:30:00	14.641,08	14.234,84	21.145,44
08.03.2019	21:45:00	14.163,53	13.728,54	20.547,73
08.03.2019	22:00:00	13.783,11	13.351,88	19.831,55
08.03.2019	22:15:00	13.654,88	13.222,08	19.570,67
08.03.2019	22:30:00	13.682,52	13.245,62	19.535,64
08.03.2019	22:45:00	14.102,09	13.674,27	19.809,02
08.03.2019	23:00:00	14.124,06	13.712,58	19.729,80
08.03.2019	23:15:00	13.645,18	13.197,70	18.808,25
08.03.2019	23:30:00	12.938,77	12.472,08	17.918,36
08.03.2019	23:45:00	12.415,59	11.854,51	17.315,86
09.03.2019	00:00:00	11.691,34	11.123,52	16.463,74
09.03.2019	00:15:00	10.953,20	10.378,64	15.461,46
09.03.2019	00:30:00	10.322,66	9.751,29	14.865,57
09.03.2019	00:45:00	9.814,08	9.231,10	14.351,56
09.03.2019	01:00:00	9.321,51	8.721,35	13.900,17
09.03.2019	01:15:00	9.020,05	8.427,15	13.569,92
09.03.2019	01:30:00	8.959,39	8.366,41	13.518,37
09.03.2019	01:45:00	8.817,65	8.224,80	13.402,73
09.03.2019	02:00:00	8.609,73	8.018,00	13.056,30
09.03.2019	02:15:00	8.560,08	7.972,19	12.872,99
09.03.2019	02:30:00	8.363,87	7.755,67	12.647,09
09.03.2019	02:45:00	8.135,63	7.524,60	12.376,44
09.03.2019	03:00:00	8.136,21	7.533,44	12.358,05
09.03.2019	03:15:00	8.237,98	7.712,67	12.334,64
09.03.2019	03:30:00	8.264,19	7.875,77	12.344,16
09.03.2019	03:45:00	8.377,04	8.018,70	12.473,46
09.03.2019	04:00:00	8.418,80	8.013,27	12.356,75
09.03.2019	04:15:00	8.660,20	8.276,14	12.595,86
09.03.2019	04:30:00	8.633,70	8.363,35	12.559,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.03.2019	04:45:00	8.461,43	8.175,77	12.435,89
09.03.2019	05:00:00	8.609,77	8.380,31	12.793,30
09.03.2019	05:15:00	8.740,79	8.490,34	13.296,33
09.03.2019	05:30:00	8.584,63	8.336,19	13.216,68
09.03.2019	05:45:00	8.864,65	8.629,63	13.633,37
09.03.2019	06:00:00	8.956,55	8.723,64	13.759,77
09.03.2019	06:15:00	9.003,18	8.778,83	14.127,66
09.03.2019	06:30:00	9.070,34	8.890,07	14.294,22
09.03.2019	06:45:00	8.836,57	8.535,24	14.088,34
09.03.2019	07:00:00	8.553,26	8.196,84	13.880,13
09.03.2019	07:15:00	8.868,67	8.399,37	14.186,81
09.03.2019	07:30:00	9.070,96	8.395,70	14.193,26
09.03.2019	07:45:00	9.531,19	8.707,42	14.539,36
09.03.2019	08:00:00	9.839,07	8.868,87	14.801,52
09.03.2019	08:15:00	10.423,82	9.377,05	15.323,53
09.03.2019	08:30:00	10.380,47	9.153,72	15.210,36
09.03.2019	08:45:00	10.414,33	9.072,92	15.057,14
09.03.2019	09:00:00	10.148,66	8.007,73	13.936,76
09.03.2019	09:15:00	10.498,26	8.012,61	13.940,27
09.03.2019	09:30:00	10.920,93	8.338,41	14.270,14
09.03.2019	09:45:00	11.511,46	8.918,12	15.003,79
09.03.2019	10:00:00	11.922,82	10.105,53	16.075,95
09.03.2019	10:15:00	12.035,43	10.269,60	16.184,10
09.03.2019	10:30:00	12.310,28	10.728,08	16.611,29
09.03.2019	10:45:00	12.601,50	11.167,45	17.021,56
09.03.2019	11:00:00	12.922,73	11.603,05	17.562,68
09.03.2019	11:15:00	13.380,73	12.129,87	18.041,56
09.03.2019	11:30:00	13.421,23	12.063,03	17.868,82
09.03.2019	11:45:00	13.475,05	12.342,14	18.153,10
09.03.2019	12:00:00	13.484,79	12.033,40	17.703,15
09.03.2019	12:15:00	13.692,61	11.898,66	17.406,42
09.03.2019	12:30:00	14.081,33	12.455,19	17.855,61
09.03.2019	12:45:00	13.955,13	11.704,12	17.006,44
09.03.2019	13:00:00	13.622,12	11.980,68	17.250,68
09.03.2019	13:15:00	13.481,27	11.919,61	17.127,32
09.03.2019	13:30:00	13.908,21	12.627,40	17.956,45
09.03.2019	13:45:00	13.723,31	12.781,95	18.136,86
09.03.2019	14:00:00	13.472,87	12.749,66	18.096,33
09.03.2019	14:15:00	13.367,78	12.380,15	17.608,86
09.03.2019	14:30:00	13.031,49	11.998,19	17.241,62
09.03.2019	14:45:00	12.793,55	11.532,56	16.593,17
09.03.2019	15:00:00	12.394,26	10.988,57	16.098,83
09.03.2019	15:15:00	12.266,08	11.315,31	16.456,59
09.03.2019	15:30:00	12.399,87	11.398,30	16.534,75
09.03.2019	15:45:00	12.376,24	11.510,52	16.472,93
09.03.2019	16:00:00	12.392,11	11.370,46	16.333,91
09.03.2019	16:15:00	12.386,62	11.131,02	16.066,70
09.03.2019	16:30:00	12.351,46	10.364,74	15.274,17
09.03.2019	16:45:00	12.249,94	10.903,86	15.825,07
09.03.2019	17:00:00	12.322,84	11.391,34	16.327,10
09.03.2019	17:15:00	12.548,98	11.686,67	16.792,72
09.03.2019	17:30:00	12.499,62	11.497,26	16.540,35
09.03.2019	17:45:00	12.717,87	11.892,48	17.066,92
09.03.2019	18:00:00	12.947,28	12.222,77	17.403,22
09.03.2019	18:15:00	13.136,17	12.582,86	17.746,04
09.03.2019	18:30:00	13.680,97	13.145,08	18.303,57
09.03.2019	18:45:00	14.294,06	13.767,89	19.004,87
09.03.2019	19:00:00	14.798,25	14.298,68	19.566,02
09.03.2019	19:15:00	14.682,77	14.135,91	19.260,75
09.03.2019	19:30:00	14.943,96	14.442,38	19.498,32
09.03.2019	19:45:00	14.750,45	14.213,91	19.213,09
09.03.2019	20:00:00	14.382,57	13.854,60	18.802,36
09.03.2019	20:15:00	14.074,13	13.558,30	18.414,72
09.03.2019	20:30:00	13.678,39	13.114,26	17.840,26
09.03.2019	20:45:00	13.378,23	12.865,61	17.595,45
09.03.2019	21:00:00	13.080,13	12.524,73	17.232,11
09.03.2019	21:15:00	13.087,84	12.533,43	17.170,29
09.03.2019	21:30:00	13.969,10	13.449,14	18.036,84
09.03.2019	21:45:00	13.476,30	12.913,17	17.451,63
09.03.2019	22:00:00	12.990,82	12.470,53	16.899,29
09.03.2019	22:15:00	13.075,06	12.543,46	16.889,63

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.03.2019	22:30:00	13.006,05	12.573,70	16.885,90
09.03.2019	22:45:00	13.236,07	12.794,41	16.980,08
09.03.2019	23:00:00	13.316,24	12.953,16	17.089,80
09.03.2019	23:15:00	12.661,67	12.399,90	16.356,48
09.03.2019	23:30:00	11.938,16	11.701,42	15.515,81
09.03.2019	23:45:00	11.302,98	11.106,54	14.895,18
10.03.2019	00:00:00	10.816,29	10.646,02	14.481,56
10.03.2019	00:15:00	10.280,91	10.103,51	13.843,20
10.03.2019	00:30:00	9.654,49	9.436,69	13.160,57
10.03.2019	00:45:00	9.246,36	9.074,39	12.791,73
10.03.2019	01:00:00	9.007,46	8.799,21	12.563,36
10.03.2019	01:15:00	8.708,95	8.511,34	12.352,26
10.03.2019	01:30:00	8.540,83	8.346,36	12.291,04
10.03.2019	01:45:00	8.285,43	8.033,63	11.889,66
10.03.2019	02:00:00	8.119,42	7.830,28	11.596,57
10.03.2019	02:15:00	7.948,96	7.611,49	11.380,30
10.03.2019	02:30:00	7.953,29	7.652,26	11.439,54
10.03.2019	02:45:00	7.950,09	7.628,46	11.478,09
10.03.2019	03:00:00	8.002,05	7.672,36	11.503,62
10.03.2019	03:15:00	7.887,47	7.590,81	11.365,52
10.03.2019	03:30:00	7.918,18	7.574,57	11.323,57
10.03.2019	03:45:00	8.151,65	7.809,89	11.508,17
10.03.2019	04:00:00	8.109,55	7.777,20	11.425,34
10.03.2019	04:15:00	8.121,96	7.793,35	11.479,99
10.03.2019	04:30:00	8.237,17	7.910,63	11.643,79
10.03.2019	04:45:00	8.180,78	7.855,21	11.609,42
10.03.2019	05:00:00	8.479,81	8.181,21	11.893,65
10.03.2019	05:15:00	8.476,11	8.155,06	11.974,81
10.03.2019	05:30:00	8.141,92	7.820,70	11.688,75
10.03.2019	05:45:00	8.260,29	7.942,81	11.858,44
10.03.2019	06:00:00	8.229,03	7.913,30	11.861,08
10.03.2019	06:15:00	8.238,35	7.928,31	11.798,72
10.03.2019	06:30:00	8.349,94	7.855,00	11.673,54
10.03.2019	06:45:00	8.044,98	7.555,04	11.455,50
10.03.2019	07:00:00	7.429,95	7.002,67	10.879,88
10.03.2019	07:15:00	7.808,82	7.374,42	11.078,62
10.03.2019	07:30:00	8.212,01	7.794,17	11.582,54
10.03.2019	07:45:00	8.602,76	8.154,83	12.046,80
10.03.2019	08:00:00	8.825,19	8.304,05	12.176,69
10.03.2019	08:15:00	9.160,39	8.588,21	12.419,74
10.03.2019	08:30:00	9.273,38	8.600,27	12.480,54
10.03.2019	08:45:00	9.581,30	8.895,89	12.748,39
10.03.2019	09:00:00	9.968,88	9.350,47	13.244,61
10.03.2019	09:15:00	10.317,05	9.569,65	13.557,63
10.03.2019	09:30:00	10.599,40	9.953,73	13.950,36
10.03.2019	09:45:00	11.336,80	10.718,73	14.720,12
10.03.2019	10:00:00	11.675,00	10.777,71	14.885,92
10.03.2019	10:15:00	11.957,00	11.030,48	15.070,85
10.03.2019	10:30:00	12.224,65	11.004,93	15.137,94
10.03.2019	10:45:00	12.322,46	11.026,21	15.101,20
10.03.2019	11:00:00	12.721,94	11.660,16	15.716,82
10.03.2019	11:15:00	13.123,55	12.061,71	16.155,08
10.03.2019	11:30:00	13.539,78	12.248,89	16.517,06
10.03.2019	11:45:00	13.541,54	11.408,48	15.594,95
10.03.2019	12:00:00	13.974,52	11.967,51	16.169,11
10.03.2019	12:15:00	13.903,49	12.282,57	16.428,41
10.03.2019	12:30:00	14.089,27	11.811,39	15.867,30
10.03.2019	12:45:00	13.834,06	11.395,37	15.627,02
10.03.2019	13:00:00	13.539,19	10.460,57	14.647,64
10.03.2019	13:15:00	13.727,98	11.075,39	15.252,66
10.03.2019	13:30:00	13.718,35	8.975,49	13.104,44
10.03.2019	13:45:00	13.261,18	11.307,51	15.439,69
10.03.2019	14:00:00	13.507,85	8.932,01	12.985,25
10.03.2019	14:15:00	12.328,88	9.783,29	13.876,26
10.03.2019	14:30:00	12.936,36	7.488,53	11.822,20
10.03.2019	14:45:00	12.303,61	6.237,37	10.605,39
10.03.2019	15:00:00	12.019,20	6.225,59	10.630,24
10.03.2019	15:15:00	12.069,82	6.450,16	10.673,64
10.03.2019	15:30:00	11.719,63	6.788,63	10.956,55
10.03.2019	15:45:00	10.857,17	7.759,24	12.116,61
10.03.2019	16:00:00	12.036,96	7.413,15	11.489,20

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.03.2019	16:15:00	11.488,04	7.909,38	11.847,45
10.03.2019	16:30:00	10.965,46	10.132,49	14.190,78
10.03.2019	16:45:00	12.249,64	9.297,25	13.311,56
10.03.2019	17:00:00	11.606,85	9.318,13	13.346,08
10.03.2019	17:15:00	11.286,46	9.948,76	14.049,82
10.03.2019	17:30:00	11.473,66	10.419,76	14.586,35
10.03.2019	17:45:00	11.790,01	11.040,76	15.177,79
10.03.2019	18:00:00	12.291,36	11.778,54	15.976,98
10.03.2019	18:15:00	12.664,88	12.212,63	16.416,46
10.03.2019	18:30:00	13.069,31	12.614,49	16.780,82
10.03.2019	18:45:00	13.662,56	13.154,90	17.434,02
10.03.2019	19:00:00	14.489,35	13.986,78	18.250,66
10.03.2019	19:15:00	14.652,94	14.153,77	18.483,10
10.03.2019	19:30:00	14.748,68	14.241,19	18.712,98
10.03.2019	19:45:00	14.592,32	14.082,68	18.570,27
10.03.2019	20:00:00	14.304,43	13.809,71	18.233,40
10.03.2019	20:15:00	14.122,32	13.629,92	17.964,16
10.03.2019	20:30:00	13.924,19	13.412,17	17.608,47
10.03.2019	20:45:00	13.933,16	13.382,12	17.557,38
10.03.2019	21:00:00	13.589,82	13.033,58	17.196,60
10.03.2019	21:15:00	13.458,36	12.898,36	17.085,65
10.03.2019	21:30:00	14.327,80	13.774,76	17.944,04
10.03.2019	21:45:00	13.668,92	13.112,79	17.417,26
10.03.2019	22:00:00	13.323,06	12.768,83	17.076,72
10.03.2019	22:15:00	13.204,90	12.651,80	17.182,35
10.03.2019	22:30:00	12.923,83	12.363,62	16.940,89
10.03.2019	22:45:00	13.023,98	12.463,40	17.084,72
10.03.2019	23:00:00	13.027,46	12.466,27	17.069,40
10.03.2019	23:15:00	12.328,00	11.762,51	16.282,87
10.03.2019	23:30:00	11.618,48	11.043,09	15.590,85
10.03.2019	23:45:00	10.933,53	10.352,47	14.749,74
11.03.2019	00:00:00	10.362,90	9.777,34	14.004,22
11.03.2019	00:15:00	9.739,13	9.213,58	13.491,49
11.03.2019	00:30:00	9.227,72	8.839,59	13.182,20
11.03.2019	00:45:00	8.912,76	8.567,99	12.858,13
11.03.2019	01:00:00	8.873,39	8.595,16	12.996,16
11.03.2019	01:15:00	8.494,10	8.209,10	12.727,20
11.03.2019	01:30:00	8.503,08	8.217,36	12.821,59
11.03.2019	01:45:00	8.635,49	8.354,15	12.883,33
11.03.2019	02:00:00	8.690,45	8.409,56	12.797,57
11.03.2019	02:15:00	8.654,98	8.370,20	12.822,32
11.03.2019	02:30:00	8.678,23	8.394,72	12.846,10
11.03.2019	02:45:00	8.744,32	8.441,97	12.799,16
11.03.2019	03:00:00	9.009,83	8.613,30	13.107,14
11.03.2019	03:15:00	8.896,87	8.499,76	13.063,13
11.03.2019	03:30:00	9.031,80	8.635,35	13.245,99
11.03.2019	03:45:00	9.203,39	8.807,70	13.401,08
11.03.2019	04:00:00	9.266,49	8.875,85	13.352,80
11.03.2019	04:15:00	9.428,08	9.033,03	13.614,32
11.03.2019	04:30:00	9.547,06	9.157,28	13.751,56
11.03.2019	04:45:00	9.339,18	8.944,39	13.585,06
11.03.2019	05:00:00	9.454,45	9.068,44	14.107,74
11.03.2019	05:15:00	9.466,97	8.984,23	14.939,45
11.03.2019	05:30:00	9.531,42	8.978,17	15.262,58
11.03.2019	05:45:00	10.067,78	9.537,05	16.194,44
11.03.2019	06:00:00	10.327,82	9.806,18	17.205,72
11.03.2019	06:15:00	10.635,31	10.126,20	18.845,62
11.03.2019	06:30:00	10.856,32	10.367,00	20.152,26
11.03.2019	06:45:00	10.752,97	10.261,19	20.653,49
11.03.2019	07:00:00	10.839,22	10.363,58	21.286,52
11.03.2019	07:15:00	11.459,29	10.982,57	22.445,36
11.03.2019	07:30:00	11.511,58	11.014,39	22.801,93
11.03.2019	07:45:00	11.355,25	10.695,55	22.735,08
11.03.2019	08:00:00	11.675,65	10.949,21	23.566,21
11.03.2019	08:15:00	12.040,83	11.317,01	24.190,15
11.03.2019	08:30:00	12.147,01	11.397,04	24.495,80
11.03.2019	08:45:00	12.214,21	11.284,74	24.365,38
11.03.2019	09:00:00	12.394,75	11.460,12	24.424,87
11.03.2019	09:15:00	12.990,42	11.985,85	24.542,59
11.03.2019	09:30:00	13.202,26	12.353,35	25.025,01
11.03.2019	09:45:00	13.444,91	12.797,33	26.008,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.03.2019	10:00:00	13.430,26	11.680,86	24.765,68
11.03.2019	10:15:00	13.114,91	11.289,22	24.383,04
11.03.2019	10:30:00	13.144,06	11.909,33	25.200,78
11.03.2019	10:45:00	13.145,89	11.468,62	24.868,42
11.03.2019	11:00:00	13.296,94	10.839,46	24.171,78
11.03.2019	11:15:00	13.110,23	11.123,19	24.429,64
11.03.2019	11:30:00	13.634,35	11.874,22	25.238,26
11.03.2019	11:45:00	13.740,15	11.358,22	24.481,67
11.03.2019	12:00:00	13.446,46	10.675,66	23.556,44
11.03.2019	12:15:00	13.911,94	10.592,29	23.186,05
11.03.2019	12:30:00	14.501,00	12.480,61	24.553,45
11.03.2019	12:45:00	13.994,87	12.153,02	24.419,07
11.03.2019	13:00:00	13.901,82	11.699,54	24.238,55
11.03.2019	13:15:00	13.775,80	10.896,84	23.355,86
11.03.2019	13:30:00	13.569,91	12.115,94	24.658,83
11.03.2019	13:45:00	13.602,46	9.822,66	22.269,36
11.03.2019	14:00:00	12.845,88	9.030,81	21.578,25
11.03.2019	14:15:00	12.709,43	10.910,23	23.419,44
11.03.2019	14:30:00	12.475,92	10.158,43	22.602,48
11.03.2019	14:45:00	13.062,42	9.019,74	21.031,71
11.03.2019	15:00:00	12.078,39	10.261,29	22.391,32
11.03.2019	15:15:00	12.579,08	9.262,49	21.313,18
11.03.2019	15:30:00	13.193,38	8.578,46	20.210,74
11.03.2019	15:45:00	12.846,79	9.073,03	20.305,09
11.03.2019	16:00:00	12.448,74	10.683,53	21.676,24
11.03.2019	16:15:00	12.270,60	10.185,73	20.663,94
11.03.2019	16:30:00	13.420,05	9.559,19	19.855,56
11.03.2019	16:45:00	13.172,98	10.325,92	20.317,18
11.03.2019	17:00:00	12.631,05	11.420,26	21.327,73
11.03.2019	17:15:00	13.180,48	12.348,21	21.844,11
11.03.2019	17:30:00	13.692,29	13.184,88	22.466,15
11.03.2019	17:45:00	14.218,86	13.388,45	22.523,89
11.03.2019	18:00:00	13.933,28	13.182,01	22.165,05
11.03.2019	18:15:00	14.021,63	13.438,14	22.414,06
11.03.2019	18:30:00	14.430,69	13.936,57	22.686,02
11.03.2019	18:45:00	14.953,54	14.473,15	23.160,61
11.03.2019	19:00:00	15.611,73	15.133,48	23.828,82
11.03.2019	19:15:00	16.193,21	15.711,22	24.173,66
11.03.2019	19:30:00	16.204,02	15.708,33	24.022,56
11.03.2019	19:45:00	15.945,40	15.437,49	23.663,98
11.03.2019	20:00:00	15.653,88	15.142,77	23.326,82
11.03.2019	20:15:00	15.365,67	14.840,32	22.793,34
11.03.2019	20:30:00	15.066,59	14.542,38	22.311,05
11.03.2019	20:45:00	14.896,08	14.372,99	22.197,39
11.03.2019	21:00:00	14.611,27	14.081,29	21.807,97
11.03.2019	21:15:00	14.586,74	14.055,44	21.772,71
11.03.2019	21:30:00	15.541,41	15.002,35	22.517,15
11.03.2019	21:45:00	15.002,99	14.450,03	21.799,30
11.03.2019	22:00:00	14.691,80	14.137,83	21.244,04
11.03.2019	22:15:00	14.354,96	13.797,01	20.646,04
11.03.2019	22:30:00	14.079,95	13.520,94	20.222,60
11.03.2019	22:45:00	14.205,31	13.662,76	20.105,89
11.03.2019	23:00:00	14.221,59	13.667,56	19.835,44
11.03.2019	23:15:00	13.579,24	13.001,28	19.088,15
11.03.2019	23:30:00	12.891,06	12.315,03	18.280,25
11.03.2019	23:45:00	12.341,08	11.797,12	17.653,02
12.03.2019	00:00:00	11.882,25	11.336,80	17.120,02
12.03.2019	00:15:00	11.389,37	10.798,99	16.525,90
12.03.2019	00:30:00	11.131,96	10.532,19	16.226,50
12.03.2019	00:45:00	10.718,84	10.122,03	15.891,58
12.03.2019	01:00:00	10.524,32	9.927,75	15.677,71
12.03.2019	01:15:00	10.267,20	9.668,27	15.371,16
12.03.2019	01:30:00	10.230,86	9.651,48	15.293,54
12.03.2019	01:45:00	10.148,56	9.585,68	15.303,38
12.03.2019	02:00:00	10.206,81	9.611,34	15.112,29
12.03.2019	02:15:00	10.198,07	9.588,01	14.997,09
12.03.2019	02:30:00	10.007,93	9.522,65	14.960,98
12.03.2019	02:45:00	10.062,21	9.657,89	15.146,86
12.03.2019	03:00:00	10.151,54	9.744,12	15.185,73
12.03.2019	03:15:00	9.851,30	9.440,38	14.908,38
12.03.2019	03:30:00	9.794,45	9.382,99	15.037,24

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.03.2019	03:45:00	9.857,88	9.446,51	15.157,82
12.03.2019	04:00:00	9.962,61	9.553,00	15.256,91
12.03.2019	04:15:00	10.145,50	9.630,98	15.297,82
12.03.2019	04:30:00	10.192,04	9.578,08	15.168,58
12.03.2019	04:45:00	10.062,92	9.449,71	15.181,50
12.03.2019	05:00:00	10.295,00	9.698,86	15.628,89
12.03.2019	05:15:00	10.620,87	10.035,08	16.411,12
12.03.2019	05:30:00	10.241,06	9.670,02	16.325,26
12.03.2019	05:45:00	10.732,14	10.183,04	17.168,06
12.03.2019	06:00:00	11.097,58	10.551,80	18.249,78
12.03.2019	06:15:00	11.355,24	10.828,03	19.986,19
12.03.2019	06:30:00	11.274,09	10.769,17	20.658,98
12.03.2019	06:45:00	10.794,75	10.279,87	20.484,42
12.03.2019	07:00:00	10.727,66	10.192,71	21.267,75
12.03.2019	07:15:00	11.190,88	10.571,95	22.198,47
12.03.2019	07:30:00	11.005,74	10.217,22	22.401,44
12.03.2019	07:45:00	10.713,53	9.778,04	22.198,85
12.03.2019	08:00:00	10.627,82	9.786,15	22.599,06
12.03.2019	08:15:00	10.499,59	9.515,08	22.526,18
12.03.2019	08:30:00	10.511,73	9.252,24	22.107,38
12.03.2019	08:45:00	10.536,60	8.698,50	21.645,96
12.03.2019	09:00:00	10.670,39	8.387,68	21.406,43
12.03.2019	09:15:00	11.055,09	8.498,89	20.769,73
12.03.2019	09:30:00	11.371,82	8.444,28	20.334,34
12.03.2019	09:45:00	11.354,74	7.916,62	20.409,34
12.03.2019	10:00:00	11.438,39	7.649,57	20.366,92
12.03.2019	10:15:00	11.440,49	7.191,90	19.812,94
12.03.2019	10:30:00	11.562,79	7.102,37	19.894,90
12.03.2019	10:45:00	11.695,80	6.820,45	19.629,89
12.03.2019	11:00:00	11.775,13	6.580,40	19.629,54
12.03.2019	11:15:00	11.932,16	6.443,91	19.437,24
12.03.2019	11:30:00	12.089,25	6.515,21	19.592,96
12.03.2019	11:45:00	12.426,16	6.528,82	19.470,42
12.03.2019	12:00:00	12.627,23	6.760,33	19.534,62
12.03.2019	12:15:00	12.804,35	6.999,17	19.205,56
12.03.2019	12:30:00	13.280,95	7.232,16	18.657,12
12.03.2019	12:45:00	12.979,39	6.612,67	18.289,75
12.03.2019	13:00:00	12.299,40	6.537,26	18.459,92
12.03.2019	13:15:00	12.278,30	6.668,30	19.094,48
12.03.2019	13:30:00	12.497,09	7.614,87	20.260,50
12.03.2019	13:45:00	11.962,95	8.220,14	20.997,14
12.03.2019	14:00:00	12.279,06	8.113,57	20.762,60
12.03.2019	14:15:00	12.291,67	6.474,34	18.807,50
12.03.2019	14:30:00	11.869,01	7.146,19	19.522,36
12.03.2019	14:45:00	11.780,24	8.619,23	20.933,78
12.03.2019	15:00:00	11.825,79	9.625,64	21.741,26
12.03.2019	15:15:00	11.586,05	9.193,22	21.085,32
12.03.2019	15:30:00	11.530,82	9.160,04	20.848,36
12.03.2019	15:45:00	11.772,28	9.561,99	20.946,00
12.03.2019	16:00:00	11.904,06	9.311,69	20.427,14
12.03.2019	16:15:00	12.020,91	9.072,95	19.712,37
12.03.2019	16:30:00	12.052,80	9.791,63	20.238,92
12.03.2019	16:45:00	12.378,78	9.665,82	19.910,48
12.03.2019	17:00:00	12.222,28	10.495,96	20.514,64
12.03.2019	17:15:00	12.256,83	11.029,06	20.682,19
12.03.2019	17:30:00	12.575,48	11.716,35	21.305,54
12.03.2019	17:45:00	12.852,83	12.053,42	21.478,36
12.03.2019	18:00:00	13.244,30	12.582,36	21.959,18
12.03.2019	18:15:00	13.691,32	13.152,49	22.302,43
12.03.2019	18:30:00	14.054,86	13.562,90	22.484,10
12.03.2019	18:45:00	14.689,05	14.202,28	23.134,17
12.03.2019	19:00:00	15.125,35	14.628,18	23.349,82
12.03.2019	19:15:00	15.290,28	14.795,57	23.458,18
12.03.2019	19:30:00	15.339,72	14.825,51	23.487,76
12.03.2019	19:45:00	15.286,10	14.768,44	23.434,84
12.03.2019	20:00:00	15.048,79	14.516,64	22.942,40
12.03.2019	20:15:00	14.629,05	14.085,60	22.286,20
12.03.2019	20:30:00	14.550,99	14.001,93	22.024,08
12.03.2019	20:45:00	14.385,27	13.830,64	21.770,12
12.03.2019	21:00:00	13.992,46	13.435,33	21.227,54
12.03.2019	21:15:00	13.983,42	13.422,51	21.078,48

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.03.2019	21:30:00	14.765,48	14.208,33	21.703,15
12.03.2019	21:45:00	14.122,70	13.554,65	20.977,14
12.03.2019	22:00:00	13.671,25	13.097,57	20.297,33
12.03.2019	22:15:00	13.320,31	12.741,97	19.651,20
12.03.2019	22:30:00	13.001,12	12.458,80	19.143,93
12.03.2019	22:45:00	13.292,83	12.764,96	19.194,12
12.03.2019	23:00:00	13.169,53	12.637,60	18.894,73
12.03.2019	23:15:00	12.455,28	11.919,08	18.042,12
12.03.2019	23:30:00	11.553,99	11.010,29	16.948,90
12.03.2019	23:45:00	10.916,79	10.338,40	16.185,25
13.03.2019	00:00:00	10.323,99	9.801,75	15.443,69
13.03.2019	00:15:00	9.609,08	9.101,69	14.563,04
13.03.2019	00:30:00	8.984,42	8.481,02	14.097,08
13.03.2019	00:45:00	8.686,97	8.183,83	13.909,55
13.03.2019	01:00:00	8.362,34	7.855,37	13.472,76
13.03.2019	01:15:00	8.170,14	7.687,97	13.373,64
13.03.2019	01:30:00	7.984,08	7.515,25	13.372,69
13.03.2019	01:45:00	7.909,73	7.417,61	13.177,77
13.03.2019	02:00:00	7.902,53	7.380,05	13.173,66
13.03.2019	02:15:00	8.006,07	7.485,02	13.154,96
13.03.2019	02:30:00	8.181,73	7.668,38	13.324,41
13.03.2019	02:45:00	8.132,40	7.621,87	13.284,53
13.03.2019	03:00:00	8.158,07	7.552,14	13.117,52
13.03.2019	03:15:00	8.211,73	7.595,49	13.142,12
13.03.2019	03:30:00	8.269,70	7.688,26	13.241,66
13.03.2019	03:45:00	8.391,39	7.810,94	13.322,29
13.03.2019	04:00:00	8.448,31	7.819,49	13.446,30
13.03.2019	04:15:00	8.707,39	8.079,71	13.710,08
13.03.2019	04:30:00	9.038,85	8.416,26	14.148,95
13.03.2019	04:45:00	9.446,79	8.824,86	14.563,90
13.03.2019	05:00:00	9.718,87	9.098,50	14.998,20
13.03.2019	05:15:00	9.942,27	9.352,98	15.652,30
13.03.2019	05:30:00	9.689,38	9.118,34	15.715,39
13.03.2019	05:45:00	10.330,01	9.768,73	16.810,25
13.03.2019	06:00:00	10.594,90	10.051,87	17.836,48
13.03.2019	06:15:00	10.814,68	10.275,14	19.398,08
13.03.2019	06:30:00	10.905,78	10.391,72	20.585,13
13.03.2019	06:45:00	10.371,27	9.856,22	20.837,99
13.03.2019	07:00:00	10.530,78	10.022,99	21.305,57
13.03.2019	07:15:00	10.912,70	10.329,41	21.923,10
13.03.2019	07:30:00	10.501,95	9.858,28	21.953,98
13.03.2019	07:45:00	10.069,65	9.145,88	21.468,07
13.03.2019	08:00:00	10.793,09	9.946,86	22.673,72
13.03.2019	08:15:00	10.792,25	9.728,05	22.685,68
13.03.2019	08:30:00	10.706,73	9.456,07	22.448,07
13.03.2019	08:45:00	10.553,43	8.705,65	21.903,98
13.03.2019	09:00:00	11.415,85	9.833,25	23.074,89
13.03.2019	09:15:00	12.033,30	9.984,95	22.372,31
13.03.2019	09:30:00	11.974,45	10.093,85	22.400,15
13.03.2019	09:45:00	12.323,08	10.584,67	23.715,60
13.03.2019	10:00:00	12.596,81	11.366,61	24.939,66
13.03.2019	10:15:00	12.911,79	11.009,15	24.283,91
13.03.2019	10:30:00	12.513,90	9.942,77	23.219,23
13.03.2019	10:45:00	12.598,07	10.618,73	24.064,38
13.03.2019	11:00:00	12.167,63	9.983,96	23.358,71
13.03.2019	11:15:00	12.136,58	9.362,41	22.574,21
13.03.2019	11:30:00	12.894,80	8.372,11	21.407,39
13.03.2019	11:45:00	13.144,02	10.037,50	23.085,48
13.03.2019	12:00:00	13.207,84	9.070,51	21.669,37
13.03.2019	12:15:00	13.547,27	9.255,84	21.261,26
13.03.2019	12:30:00	14.175,80	11.235,44	22.981,95
13.03.2019	12:45:00	14.012,68	11.681,93	23.682,89
13.03.2019	13:00:00	13.662,28	12.177,09	24.416,65
13.03.2019	13:15:00	13.869,67	11.492,25	24.013,70
13.03.2019	13:30:00	13.492,00	11.077,56	23.813,18
13.03.2019	13:45:00	13.233,66	10.285,40	22.739,48
13.03.2019	14:00:00	12.606,89	9.550,42	21.965,95
13.03.2019	14:15:00	12.755,63	10.052,65	22.475,15
13.03.2019	14:30:00	12.520,79	11.315,07	23.989,74
13.03.2019	14:45:00	12.811,96	9.953,87	22.350,04
13.03.2019	15:00:00	11.610,56	9.220,31	21.515,71

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.03.2019	15:15:00	13.032,43	7.830,66	19.707,61
13.03.2019	15:30:00	11.653,39	8.984,14	20.566,04
13.03.2019	15:45:00	12.180,93	10.620,41	22.131,72
13.03.2019	16:00:00	12.326,46	10.664,49	21.771,65
13.03.2019	16:15:00	12.378,98	11.038,22	21.630,97
13.03.2019	16:30:00	12.707,93	11.409,36	21.973,94
13.03.2019	16:45:00	12.542,67	11.502,43	21.753,96
13.03.2019	17:00:00	12.843,02	11.697,23	21.567,93
13.03.2019	17:15:00	12.968,90	11.369,92	20.796,84
13.03.2019	17:30:00	12.726,17	11.159,30	20.514,96
13.03.2019	17:45:00	13.119,29	12.004,87	21.188,82
13.03.2019	18:00:00	13.290,87	12.302,38	21.393,00
13.03.2019	18:15:00	13.566,25	12.901,07	21.883,48
13.03.2019	18:30:00	14.177,52	13.673,60	22.297,85
13.03.2019	18:45:00	14.734,42	14.290,36	22.935,86
13.03.2019	19:00:00	15.303,05	14.873,86	23.435,42
13.03.2019	19:15:00	15.599,55	15.159,72	23.732,45
13.03.2019	19:30:00	15.749,00	15.255,41	23.823,49
13.03.2019	19:45:00	15.543,01	15.035,28	23.442,21
13.03.2019	20:00:00	15.279,45	14.766,45	22.893,76
13.03.2019	20:15:00	15.043,61	14.515,04	22.414,63
13.03.2019	20:30:00	15.014,42	14.471,62	22.274,46
13.03.2019	20:45:00	14.795,58	14.248,89	22.098,68
13.03.2019	21:00:00	14.587,64	14.030,13	21.866,08
13.03.2019	21:15:00	14.483,21	13.927,64	21.531,69
13.03.2019	21:30:00	15.435,36	14.879,64	22.220,34
13.03.2019	21:45:00	14.778,51	14.218,69	21.622,93
13.03.2019	22:00:00	14.168,91	13.606,49	20.754,04
13.03.2019	22:15:00	13.969,90	13.404,02	20.369,59
13.03.2019	22:30:00	13.705,21	13.136,19	19.698,76
13.03.2019	22:45:00	13.871,44	13.298,53	19.661,04
13.03.2019	23:00:00	13.704,95	13.131,75	19.439,62
13.03.2019	23:15:00	13.232,44	12.655,08	18.856,07
13.03.2019	23:30:00	12.826,21	12.245,14	18.234,17
13.03.2019	23:45:00	12.129,88	11.545,74	17.447,77
14.03.2019	00:00:00	11.594,71	11.004,29	16.897,68
14.03.2019	00:15:00	11.109,56	10.516,35	16.341,79
14.03.2019	00:30:00	10.735,17	10.139,28	15.817,64
14.03.2019	00:45:00	10.390,93	9.789,81	15.561,10
14.03.2019	01:00:00	10.077,32	9.491,48	15.205,34
14.03.2019	01:15:00	9.909,16	9.429,88	15.193,88
14.03.2019	01:30:00	9.746,75	9.296,12	15.060,09
14.03.2019	01:45:00	9.845,59	9.397,04	14.960,93
14.03.2019	02:00:00	9.736,96	9.281,13	14.931,30
14.03.2019	02:15:00	9.728,44	9.226,90	14.784,55
14.03.2019	02:30:00	9.581,25	9.127,79	14.667,12
14.03.2019	02:45:00	9.608,82	9.135,64	14.607,68
14.03.2019	03:00:00	9.756,38	9.254,48	14.686,72
14.03.2019	03:15:00	9.688,35	9.186,58	14.657,28
14.03.2019	03:30:00	9.683,76	9.107,02	14.643,32
14.03.2019	03:45:00	9.715,88	9.101,21	14.636,66
14.03.2019	04:00:00	9.671,43	9.056,83	14.507,39
14.03.2019	04:15:00	9.755,91	9.142,71	14.697,06
14.03.2019	04:30:00	9.765,30	9.210,96	14.852,22
14.03.2019	04:45:00	9.666,09	9.125,29	14.879,18
14.03.2019	05:00:00	9.765,28	9.405,17	15.302,41
14.03.2019	05:15:00	9.769,38	9.476,81	15.680,55
14.03.2019	05:30:00	9.727,99	9.440,50	15.875,09
14.03.2019	05:45:00	10.267,97	9.993,80	16.852,34
14.03.2019	06:00:00	10.571,37	10.305,27	17.773,50
14.03.2019	06:15:00	10.931,59	10.681,04	19.795,74
14.03.2019	06:30:00	11.060,01	10.675,81	20.384,01
14.03.2019	06:45:00	10.534,07	10.096,64	20.485,21
14.03.2019	07:00:00	10.819,50	10.411,99	21.398,73
14.03.2019	07:15:00	11.265,19	10.802,75	22.559,46
14.03.2019	07:30:00	11.487,70	10.901,21	23.075,50
14.03.2019	07:45:00	11.406,86	10.672,84	23.061,02
14.03.2019	08:00:00	11.718,60	10.975,00	23.749,42
14.03.2019	08:15:00	12.120,49	11.219,37	24.259,32
14.03.2019	08:30:00	12.156,73	11.138,60	24.457,16
14.03.2019	08:45:00	12.066,87	11.033,18	24.539,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.03.2019	09:00:00	12.171,11	10.642,44	23.992,11
14.03.2019	09:15:00	12.836,96	11.328,85	24.223,94
14.03.2019	09:30:00	12.859,98	11.746,29	24.511,66
14.03.2019	09:45:00	12.880,06	11.767,43	25.148,34
14.03.2019	10:00:00	12.990,32	11.843,58	25.805,04
14.03.2019	10:15:00	13.267,62	12.044,99	25.720,60
14.03.2019	10:30:00	13.484,80	12.236,04	25.896,53
14.03.2019	10:45:00	13.488,56	12.206,23	25.829,24
14.03.2019	11:00:00	13.518,47	12.300,67	25.725,66
14.03.2019	11:15:00	13.572,51	12.321,14	25.631,90
14.03.2019	11:30:00	13.663,87	12.384,74	25.824,18
14.03.2019	11:45:00	14.089,40	12.856,57	26.040,68
14.03.2019	12:00:00	14.217,07	13.160,43	26.278,10
14.03.2019	12:15:00	14.612,70	13.636,99	26.335,73
14.03.2019	12:30:00	15.233,77	14.251,45	26.516,68
14.03.2019	12:45:00	14.874,87	13.942,42	26.336,50
14.03.2019	13:00:00	14.526,41	13.634,68	26.218,24
14.03.2019	13:15:00	14.162,93	13.336,96	26.449,64
14.03.2019	13:30:00	14.049,27	13.227,26	26.737,63
14.03.2019	13:45:00	14.044,81	13.252,25	26.780,25
14.03.2019	14:00:00	13.738,11	12.976,27	26.530,74
14.03.2019	14:15:00	13.725,21	12.941,21	26.455,38
14.03.2019	14:30:00	13.579,14	12.786,30	26.209,60
14.03.2019	14:45:00	13.646,49	12.785,20	25.933,52
14.03.2019	15:00:00	13.456,90	12.740,12	25.538,59
14.03.2019	15:15:00	13.707,97	13.063,80	25.625,86
14.03.2019	15:30:00	13.701,98	13.022,80	25.088,33
14.03.2019	15:45:00	13.776,23	13.084,64	24.825,87
14.03.2019	16:00:00	13.573,19	12.834,49	24.277,34
14.03.2019	16:15:00	13.522,63	12.396,92	23.247,07
14.03.2019	16:30:00	13.680,05	12.660,39	23.158,78
14.03.2019	16:45:00	13.751,03	12.826,23	23.106,22
14.03.2019	17:00:00	13.606,10	11.972,02	21.782,56
14.03.2019	17:15:00	13.356,35	11.347,17	20.696,82
14.03.2019	17:30:00	13.425,82	11.657,59	20.927,76
14.03.2019	17:45:00	13.658,17	12.676,76	21.792,14
14.03.2019	18:00:00	14.088,72	13.516,91	22.511,16
14.03.2019	18:15:00	14.720,71	14.257,51	23.202,00
14.03.2019	18:30:00	15.133,82	14.680,73	23.461,82
14.03.2019	18:45:00	15.708,77	15.261,43	23.794,55
14.03.2019	19:00:00	16.188,15	15.734,76	24.220,81
14.03.2019	19:15:00	16.216,55	15.758,41	24.114,45
14.03.2019	19:30:00	16.448,67	15.973,97	24.276,10
14.03.2019	19:45:00	15.975,23	15.494,96	23.709,30
14.03.2019	20:00:00	15.612,76	15.125,58	23.148,93
14.03.2019	20:15:00	15.220,34	14.717,98	22.544,76
14.03.2019	20:30:00	15.266,50	14.765,17	22.329,10
14.03.2019	20:45:00	15.185,71	14.668,76	22.230,15
14.03.2019	21:00:00	14.622,47	14.089,05	21.556,81
14.03.2019	21:15:00	14.549,17	14.019,43	21.445,92
14.03.2019	21:30:00	15.581,92	15.063,69	22.506,73
14.03.2019	21:45:00	15.197,19	14.670,67	21.970,84
14.03.2019	22:00:00	14.712,51	14.181,40	21.192,08
14.03.2019	22:15:00	14.322,96	13.793,15	20.563,86
14.03.2019	22:30:00	14.034,45	13.500,18	19.973,09
14.03.2019	22:45:00	14.188,46	13.661,67	19.919,28
14.03.2019	23:00:00	14.235,99	13.798,01	19.999,07
14.03.2019	23:15:00	13.614,51	13.203,04	19.307,96
14.03.2019	23:30:00	12.964,23	12.544,97	18.512,36
14.03.2019	23:45:00	12.255,05	11.830,52	17.564,93
15.03.2019	00:00:00	11.723,44	11.292,07	16.929,90
15.03.2019	00:15:00	11.257,88	10.821,82	16.414,49
15.03.2019	00:30:00	10.726,87	10.287,51	15.947,04
15.03.2019	00:45:00	10.379,89	9.934,49	15.524,67
15.03.2019	01:00:00	9.960,16	9.531,85	15.183,06
15.03.2019	01:15:00	9.705,44	9.305,21	14.864,46
15.03.2019	01:30:00	9.590,10	9.188,70	14.695,38
15.03.2019	01:45:00	9.462,58	9.059,39	14.633,23
15.03.2019	02:00:00	9.553,68	9.105,58	14.485,73
15.03.2019	02:15:00	9.478,76	9.026,18	14.545,53
15.03.2019	02:30:00	9.525,54	9.070,27	14.538,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.03.2019	02:45:00	9.297,41	8.841,49	14.375,30
15.03.2019	03:00:00	9.250,23	8.793,96	14.274,17
15.03.2019	03:15:00	9.071,58	8.623,97	14.017,79
15.03.2019	03:30:00	8.992,81	8.586,49	13.894,90
15.03.2019	03:45:00	9.050,52	8.643,37	14.049,63
15.03.2019	04:00:00	9.098,08	8.661,60	14.048,52
15.03.2019	04:15:00	9.310,98	8.855,98	14.278,65
15.03.2019	04:30:00	9.345,37	8.889,45	14.390,81
15.03.2019	04:45:00	9.352,36	8.896,06	14.513,38
15.03.2019	05:00:00	9.492,10	9.044,60	14.887,01
15.03.2019	05:15:00	9.740,19	9.308,77	15.551,81
15.03.2019	05:30:00	9.855,19	9.441,55	15.871,28
15.03.2019	05:45:00	10.101,35	9.712,64	16.444,01
15.03.2019	06:00:00	10.521,43	10.146,99	17.554,48
15.03.2019	06:15:00	10.864,49	10.493,58	19.422,97
15.03.2019	06:30:00	11.026,92	10.674,96	20.273,20
15.03.2019	06:45:00	10.781,29	10.428,83	20.352,87
15.03.2019	07:00:00	10.738,43	10.399,33	20.990,61
15.03.2019	07:15:00	11.180,68	10.828,77	21.759,79
15.03.2019	07:30:00	11.381,57	11.012,68	22.470,92
15.03.2019	07:45:00	11.512,33	11.109,42	22.798,56
15.03.2019	08:00:00	11.860,03	11.415,76	23.714,94
15.03.2019	08:15:00	12.144,26	11.686,69	24.224,77
15.03.2019	08:30:00	12.415,10	11.930,69	24.812,66
15.03.2019	08:45:00	12.512,99	11.926,64	24.866,19
15.03.2019	09:00:00	12.787,31	12.224,41	25.278,41
15.03.2019	09:15:00	13.545,20	12.944,29	25.269,84
15.03.2019	09:30:00	13.470,52	12.654,23	24.776,91
15.03.2019	09:45:00	13.422,44	12.698,47	25.666,65
15.03.2019	10:00:00	13.448,87	12.657,76	25.698,19
15.03.2019	10:15:00	13.911,02	12.968,96	25.937,54
15.03.2019	10:30:00	13.974,53	12.924,19	25.725,01
15.03.2019	10:45:00	13.819,44	12.930,49	25.907,14
15.03.2019	11:00:00	13.901,81	13.081,85	26.288,98
15.03.2019	11:15:00	14.231,83	13.456,62	26.561,64
15.03.2019	11:30:00	14.331,45	13.509,31	26.549,16
15.03.2019	11:45:00	14.589,17	13.789,41	26.909,40
15.03.2019	12:00:00	14.728,85	13.887,59	26.714,81
15.03.2019	12:15:00	15.035,67	14.157,25	26.235,24
15.03.2019	12:30:00	15.110,04	14.301,79	25.714,26
15.03.2019	12:45:00	14.863,62	14.125,26	25.478,76
15.03.2019	13:00:00	14.639,24	13.996,10	25.372,24
15.03.2019	13:15:00	14.482,09	13.835,88	25.278,70
15.03.2019	13:30:00	14.270,50	13.683,47	25.138,68
15.03.2019	13:45:00	13.949,10	13.361,25	24.780,24
15.03.2019	14:00:00	13.829,23	13.237,58	24.535,60
15.03.2019	14:15:00	13.747,94	13.034,20	24.106,52
15.03.2019	14:30:00	13.684,44	12.925,39	23.870,34
15.03.2019	14:45:00	13.376,08	12.590,16	23.463,84
15.03.2019	15:00:00	13.161,32	12.400,56	23.075,28
15.03.2019	15:15:00	13.100,20	12.375,12	22.822,42
15.03.2019	15:30:00	13.221,99	12.663,43	22.845,41
15.03.2019	15:45:00	13.285,42	12.764,92	22.718,38
15.03.2019	16:00:00	13.225,01	12.592,07	22.322,52
15.03.2019	16:15:00	13.278,69	12.632,81	21.972,56
15.03.2019	16:30:00	13.071,52	12.462,22	21.637,22
15.03.2019	16:45:00	13.192,95	12.654,11	21.793,06
15.03.2019	17:00:00	13.490,03	13.041,19	22.156,36
15.03.2019	17:15:00	13.682,21	13.265,63	22.106,44
15.03.2019	17:30:00	13.823,00	13.434,03	22.012,15
15.03.2019	17:45:00	14.275,61	13.892,58	22.356,75
15.03.2019	18:00:00	14.454,12	14.095,85	22.452,65
15.03.2019	18:15:00	14.569,18	14.226,52	22.541,45
15.03.2019	18:30:00	14.918,36	14.584,73	22.692,48
15.03.2019	18:45:00	15.383,26	15.049,66	23.134,67
15.03.2019	19:00:00	15.493,26	15.155,88	23.259,00
15.03.2019	19:15:00	15.662,46	15.321,78	23.237,82
15.03.2019	19:30:00	15.690,30	15.331,62	23.018,04
15.03.2019	19:45:00	15.428,83	15.067,71	22.716,68
15.03.2019	20:00:00	14.857,30	14.481,36	21.887,95
15.03.2019	20:15:00	14.552,25	14.158,29	21.296,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.03.2019	20:30:00	14.268,16	13.867,05	20.841,96
15.03.2019	20:45:00	14.154,73	13.755,55	20.615,60
15.03.2019	21:00:00	13.749,05	13.345,51	20.105,28
15.03.2019	21:15:00	13.634,87	13.232,13	19.760,51
15.03.2019	21:30:00	14.692,45	14.292,35	20.780,95
15.03.2019	21:45:00	14.347,27	13.946,44	20.394,52
15.03.2019	22:00:00	14.119,35	13.712,34	20.060,88
15.03.2019	22:15:00	13.872,12	13.462,09	19.589,91
15.03.2019	22:30:00	13.889,98	13.476,62	19.416,22
15.03.2019	22:45:00	14.046,03	13.634,06	19.494,33
15.03.2019	23:00:00	14.089,66	13.684,30	19.498,49
15.03.2019	23:15:00	13.419,41	13.050,81	18.528,67
15.03.2019	23:30:00	12.604,65	12.219,85	17.562,69
15.03.2019	23:45:00	11.970,75	11.648,42	16.964,85
16.03.2019	00:00:00	11.295,43	10.964,33	16.146,30
16.03.2019	00:15:00	10.693,76	10.357,88	15.430,45
16.03.2019	00:30:00	10.135,68	9.798,01	14.961,12
16.03.2019	00:45:00	9.687,26	9.343,86	14.471,30
16.03.2019	01:00:00	9.244,99	8.899,41	14.114,02
16.03.2019	01:15:00	8.904,48	8.554,65	13.615,58
16.03.2019	01:30:00	8.696,76	8.346,32	13.497,88
16.03.2019	01:45:00	8.432,37	8.249,98	13.276,15
16.03.2019	02:00:00	8.347,77	8.198,83	13.312,76
16.03.2019	02:15:00	8.265,63	8.116,74	13.119,09
16.03.2019	02:30:00	8.110,65	7.959,91	12.963,47
16.03.2019	02:45:00	8.047,96	7.896,17	12.870,47
16.03.2019	03:00:00	8.078,72	7.909,10	12.803,69
16.03.2019	03:15:00	8.068,46	7.810,80	12.561,65
16.03.2019	03:30:00	8.045,77	7.783,59	12.481,12
16.03.2019	03:45:00	8.140,32	7.878,83	12.575,81
16.03.2019	04:00:00	8.204,15	7.943,37	12.509,43
16.03.2019	04:15:00	8.267,99	8.010,94	12.485,66
16.03.2019	04:30:00	8.276,26	8.049,85	12.562,83
16.03.2019	04:45:00	8.239,79	8.031,41	12.671,00
16.03.2019	05:00:00	8.387,57	8.137,97	12.839,66
16.03.2019	05:15:00	8.455,14	8.219,24	13.174,68
16.03.2019	05:30:00	8.356,89	8.133,74	13.208,20
16.03.2019	05:45:00	8.827,92	8.625,01	13.830,00
16.03.2019	06:00:00	9.081,13	8.892,25	14.238,64
16.03.2019	06:15:00	9.121,28	8.934,37	14.768,86
16.03.2019	06:30:00	9.201,36	9.020,81	14.791,71
16.03.2019	06:45:00	8.516,95	8.155,07	14.028,32
16.03.2019	07:00:00	8.682,70	8.274,08	14.123,74
16.03.2019	07:15:00	8.991,91	8.512,43	14.486,14
16.03.2019	07:30:00	9.307,99	8.754,20	14.832,10
16.03.2019	07:45:00	9.768,10	9.168,97	15.431,88
16.03.2019	08:00:00	10.016,85	9.400,56	15.672,83
16.03.2019	08:15:00	10.506,95	9.941,75	16.324,24
16.03.2019	08:30:00	10.751,58	10.212,97	16.580,65
16.03.2019	08:45:00	11.365,00	10.848,50	17.335,41
16.03.2019	09:00:00	11.760,54	11.312,55	17.948,66
16.03.2019	09:15:00	12.234,87	11.780,44	18.255,62
16.03.2019	09:30:00	12.539,26	12.048,05	18.501,83
16.03.2019	09:45:00	12.706,04	12.182,21	18.813,81
16.03.2019	10:00:00	13.024,88	12.370,98	19.038,98
16.03.2019	10:15:00	13.290,91	12.477,40	18.972,99
16.03.2019	10:30:00	13.291,11	12.185,83	18.587,02
16.03.2019	10:45:00	13.254,70	12.045,97	18.402,20
16.03.2019	11:00:00	13.181,85	11.827,25	18.106,27
16.03.2019	11:15:00	13.375,46	11.668,98	17.965,96
16.03.2019	11:30:00	13.081,84	11.344,52	17.580,34
16.03.2019	11:45:00	13.652,97	11.493,58	17.599,96
16.03.2019	12:00:00	13.356,02	10.603,82	16.565,13
16.03.2019	12:15:00	13.084,50	10.574,64	16.329,94
16.03.2019	12:30:00	13.579,11	11.335,50	16.893,00
16.03.2019	12:45:00	13.259,51	10.422,17	15.896,71
16.03.2019	13:00:00	14.201,26	8.866,50	14.311,49
16.03.2019	13:15:00	13.859,11	9.083,87	14.436,97
16.03.2019	13:30:00	14.503,12	9.352,54	14.687,76
16.03.2019	13:45:00	14.060,25	8.312,45	13.678,04
16.03.2019	14:00:00	12.384,55	8.273,41	13.654,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.03.2019	14:15:00	13.123,20	7.374,13	12.613,82
16.03.2019	14:30:00	13.055,94	7.423,64	12.579,76
16.03.2019	14:45:00	12.594,05	7.151,89	12.168,98
16.03.2019	15:00:00	12.526,58	7.773,12	12.769,33
16.03.2019	15:15:00	12.368,80	7.332,05	12.128,62
16.03.2019	15:30:00	12.416,43	7.386,26	12.133,41
16.03.2019	15:45:00	12.460,43	7.672,01	12.530,11
16.03.2019	16:00:00	12.062,49	8.919,30	13.691,12
16.03.2019	16:15:00	11.715,73	8.860,24	13.629,76
16.03.2019	16:30:00	12.067,94	9.015,69	13.757,32
16.03.2019	16:45:00	12.063,76	9.676,89	14.434,04
16.03.2019	17:00:00	12.416,12	9.458,01	14.211,07
16.03.2019	17:15:00	11.901,33	10.219,40	15.044,89
16.03.2019	17:30:00	11.640,18	10.862,45	15.677,20
16.03.2019	17:45:00	11.818,95	11.036,49	15.829,55
16.03.2019	18:00:00	12.230,30	11.575,67	16.447,54
16.03.2019	18:15:00	12.351,47	11.884,37	16.823,38
16.03.2019	18:30:00	12.526,06	12.206,09	17.213,13
16.03.2019	18:45:00	12.802,94	12.514,62	17.567,04
16.03.2019	19:00:00	13.602,33	13.332,39	18.493,97
16.03.2019	19:15:00	14.403,53	14.145,94	19.329,46
16.03.2019	19:30:00	14.506,66	14.231,45	19.364,18
16.03.2019	19:45:00	14.362,49	14.084,15	19.221,60
16.03.2019	20:00:00	14.168,09	13.880,00	18.863,08
16.03.2019	20:15:00	13.919,76	13.628,00	18.473,04
16.03.2019	20:30:00	13.567,47	13.272,02	18.009,01
16.03.2019	20:45:00	13.587,20	13.292,29	17.924,44
16.03.2019	21:00:00	13.236,44	12.837,53	17.521,35
16.03.2019	21:15:00	13.304,62	12.894,24	17.515,40
16.03.2019	21:30:00	14.169,83	13.767,80	18.238,58
16.03.2019	21:45:00	13.766,65	13.360,45	17.884,57
16.03.2019	22:00:00	13.476,42	13.067,07	17.711,32
16.03.2019	22:15:00	13.645,40	13.236,62	17.870,22
16.03.2019	22:30:00	13.806,13	13.394,33	17.916,07
16.03.2019	22:45:00	13.974,78	13.564,84	18.004,02
16.03.2019	23:00:00	14.032,34	13.622,19	18.071,50
16.03.2019	23:15:00	13.507,97	13.091,48	17.367,57
16.03.2019	23:30:00	12.871,22	12.449,48	16.657,00
16.03.2019	23:45:00	12.248,41	11.821,97	16.075,79
17.03.2019	00:00:00	11.623,27	11.189,55	15.424,48
17.03.2019	00:15:00	11.105,13	10.663,81	14.773,94
17.03.2019	00:30:00	10.683,15	10.290,08	14.456,33
17.03.2019	00:45:00	10.283,98	9.887,53	14.059,88
17.03.2019	01:00:00	9.865,05	9.464,53	13.568,13
17.03.2019	01:15:00	9.591,97	9.147,20	13.118,91
17.03.2019	01:30:00	9.419,52	8.964,94	12.987,48
17.03.2019	01:45:00	9.309,17	8.863,07	12.720,70
17.03.2019	02:00:00	9.188,13	8.770,69	12.615,11
17.03.2019	02:15:00	9.052,86	8.703,05	12.686,22
17.03.2019	02:30:00	9.081,30	8.731,54	12.716,09
17.03.2019	02:45:00	8.980,16	8.631,06	12.442,14
17.03.2019	03:00:00	8.993,79	8.642,57	12.488,73
17.03.2019	03:15:00	8.942,50	8.595,04	12.531,84
17.03.2019	03:30:00	8.961,43	8.625,90	12.545,70
17.03.2019	03:45:00	9.144,96	8.814,55	12.676,80
17.03.2019	04:00:00	9.345,88	9.034,92	12.856,62
17.03.2019	04:15:00	9.573,00	9.227,67	13.022,61
17.03.2019	04:30:00	9.573,51	9.234,36	13.069,39
17.03.2019	04:45:00	9.424,31	9.085,39	12.933,58
17.03.2019	05:00:00	9.506,05	9.168,22	13.074,17
17.03.2019	05:15:00	9.370,54	8.927,18	12.902,52
17.03.2019	05:30:00	8.752,02	8.345,62	12.388,55
17.03.2019	05:45:00	9.073,84	8.835,74	12.895,93
17.03.2019	06:00:00	9.075,31	8.853,96	12.931,39
17.03.2019	06:15:00	8.870,54	8.639,68	12.819,30
17.03.2019	06:30:00	8.114,50	7.822,59	11.962,35
17.03.2019	06:45:00	7.787,58	7.328,44	11.354,08
17.03.2019	07:00:00	7.588,35	7.026,78	10.914,00
17.03.2019	07:15:00	7.816,30	7.127,77	11.094,57
17.03.2019	07:30:00	7.809,69	6.999,33	10.949,60
17.03.2019	07:45:00	8.148,55	7.310,13	11.186,57

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.03.2019	08:00:00	8.435,38	7.477,59	11.441,71
17.03.2019	08:15:00	8.572,54	7.468,49	11.429,27
17.03.2019	08:30:00	8.614,33	7.378,48	11.241,91
17.03.2019	08:45:00	8.375,39	6.471,38	10.293,96
17.03.2019	09:00:00	8.319,81	5.870,31	9.638,41
17.03.2019	09:15:00	8.755,20	5.817,52	9.612,88
17.03.2019	09:30:00	8.963,50	5.570,87	9.446,53
17.03.2019	09:45:00	9.507,26	5.804,27	9.582,62
17.03.2019	10:00:00	9.717,05	5.791,07	9.589,88
17.03.2019	10:15:00	10.128,58	5.979,77	9.912,02
17.03.2019	10:30:00	10.349,46	5.662,42	9.560,44
17.03.2019	10:45:00	10.681,01	5.674,95	9.526,80
17.03.2019	11:00:00	11.078,95	5.925,63	9.732,92
17.03.2019	11:15:00	11.267,92	6.128,27	10.057,75
17.03.2019	11:30:00	11.794,76	6.041,62	9.979,21
17.03.2019	11:45:00	12.059,50	6.165,74	10.025,43
17.03.2019	12:00:00	12.871,48	6.594,89	10.476,25
17.03.2019	12:15:00	12.888,39	7.033,54	10.914,79
17.03.2019	12:30:00	12.527,42	6.299,77	10.077,10
17.03.2019	12:45:00	12.333,38	6.402,27	10.213,88
17.03.2019	13:00:00	11.974,11	5.704,74	9.486,36
17.03.2019	13:15:00	11.768,61	5.847,95	9.747,86
17.03.2019	13:30:00	11.363,68	7.306,36	11.442,47
17.03.2019	13:45:00	11.070,22	8.216,43	12.357,19
17.03.2019	14:00:00	11.579,05	10.665,69	14.970,63
17.03.2019	14:15:00	11.708,22	11.036,50	15.499,48
17.03.2019	14:30:00	11.551,45	11.032,89	15.437,06
17.03.2019	14:45:00	11.308,18	10.755,26	15.004,81
17.03.2019	15:00:00	11.458,12	10.945,55	15.220,72
17.03.2019	15:15:00	11.457,76	11.001,35	15.242,29
17.03.2019	15:30:00	11.772,10	11.137,76	15.415,12
17.03.2019	15:45:00	11.910,59	11.333,32	15.577,66
17.03.2019	16:00:00	11.962,23	11.372,26	15.600,96
17.03.2019	16:15:00	11.863,18	11.262,58	15.408,16
17.03.2019	16:30:00	12.126,02	11.577,00	15.760,86
17.03.2019	16:45:00	12.211,50	11.611,92	15.814,68
17.03.2019	17:00:00	12.387,41	11.790,14	15.971,51
17.03.2019	17:15:00	12.562,97	12.024,59	16.309,24
17.03.2019	17:30:00	12.431,85	11.842,45	16.071,74
17.03.2019	17:45:00	12.533,33	11.919,97	16.072,35
17.03.2019	18:00:00	12.529,45	11.968,26	16.284,85
17.03.2019	18:15:00	12.782,13	12.318,52	16.706,82
17.03.2019	18:30:00	13.127,01	12.715,76	17.163,28
17.03.2019	18:45:00	13.811,85	13.438,92	17.972,08
17.03.2019	19:00:00	14.276,42	13.930,00	18.528,49
17.03.2019	19:15:00	14.554,11	14.208,60	18.770,27
17.03.2019	19:30:00	14.622,35	14.272,09	18.728,48
17.03.2019	19:45:00	14.374,65	14.017,28	18.507,26
17.03.2019	20:00:00	14.193,69	13.792,26	18.248,84
17.03.2019	20:15:00	13.995,61	13.589,87	17.882,28
17.03.2019	20:30:00	13.799,05	13.390,11	17.609,96
17.03.2019	20:45:00	13.643,71	13.231,52	17.453,10
17.03.2019	21:00:00	13.131,26	12.719,77	16.997,92
17.03.2019	21:15:00	13.034,51	12.635,18	16.816,92
17.03.2019	21:30:00	13.941,12	13.527,68	17.748,44
17.03.2019	21:45:00	13.429,50	13.012,40	17.203,40
17.03.2019	22:00:00	13.232,57	12.831,30	17.004,81
17.03.2019	22:15:00	13.175,47	12.804,20	17.285,88
17.03.2019	22:30:00	12.749,84	12.375,89	16.948,14
17.03.2019	22:45:00	12.909,92	12.484,81	17.053,90
17.03.2019	23:00:00	12.872,93	12.446,02	17.023,92
17.03.2019	23:15:00	12.208,79	11.785,99	16.336,40
17.03.2019	23:30:00	11.576,02	11.148,19	15.688,17
17.03.2019	23:45:00	10.857,00	10.422,54	14.924,74
18.03.2019	00:00:00	10.397,33	9.959,18	14.530,09
18.03.2019	00:15:00	9.970,13	9.560,14	14.038,29
18.03.2019	00:30:00	9.362,58	8.975,13	13.493,73
18.03.2019	00:45:00	9.083,31	8.783,63	13.311,84
18.03.2019	01:00:00	8.895,22	8.594,52	13.041,14
18.03.2019	01:15:00	8.798,52	8.652,86	13.164,31
18.03.2019	01:30:00	8.710,00	8.610,86	13.175,05

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.03.2019	01:45:00	8.588,78	8.486,48	12.918,24
18.03.2019	02:00:00	8.484,28	8.382,77	12.816,74
18.03.2019	02:15:00	8.422,76	8.321,43	12.846,44
18.03.2019	02:30:00	8.652,77	8.552,76	13.002,39
18.03.2019	02:45:00	8.741,12	8.563,37	13.035,76
18.03.2019	03:00:00	8.833,09	8.623,60	13.105,78
18.03.2019	03:15:00	8.868,35	8.657,82	13.279,23
18.03.2019	03:30:00	8.924,60	8.559,72	13.176,16
18.03.2019	03:45:00	8.897,34	8.481,54	13.130,14
18.03.2019	04:00:00	8.877,36	8.460,57	13.026,68
18.03.2019	04:15:00	8.965,78	8.550,05	13.194,44
18.03.2019	04:30:00	9.100,59	8.686,87	13.369,50
18.03.2019	04:45:00	9.102,92	8.688,61	13.454,31
18.03.2019	05:00:00	9.357,44	8.953,03	13.915,80
18.03.2019	05:15:00	9.440,43	9.050,82	14.757,54
18.03.2019	05:30:00	9.290,31	8.915,03	15.185,23
18.03.2019	05:45:00	9.775,36	9.413,16	16.281,86
18.03.2019	06:00:00	10.266,58	9.918,70	17.405,59
18.03.2019	06:15:00	10.635,15	10.310,97	19.133,02
18.03.2019	06:30:00	10.509,66	10.206,33	19.861,72
18.03.2019	06:45:00	10.387,99	10.078,38	20.403,78
18.03.2019	07:00:00	10.590,65	10.237,66	21.341,96
18.03.2019	07:15:00	10.728,49	10.394,34	21.652,15
18.03.2019	07:30:00	10.732,40	10.337,96	22.081,08
18.03.2019	07:45:00	10.572,91	9.977,84	22.247,16
18.03.2019	08:00:00	11.413,02	10.831,58	23.516,80
18.03.2019	08:15:00	11.671,50	11.191,09	24.299,22
18.03.2019	08:30:00	11.843,74	11.176,20	24.321,67
18.03.2019	08:45:00	11.878,16	11.281,97	24.628,94
18.03.2019	09:00:00	12.056,89	11.035,86	24.217,27
18.03.2019	09:15:00	12.480,10	11.340,59	23.720,18
18.03.2019	09:30:00	12.298,06	10.367,84	22.425,94
18.03.2019	09:45:00	12.482,71	11.026,68	23.839,12
18.03.2019	10:00:00	13.006,54	12.320,60	25.479,65
18.03.2019	10:15:00	13.388,17	12.283,81	25.301,00
18.03.2019	10:30:00	12.507,33	9.470,59	22.278,53
18.03.2019	10:45:00	12.256,83	7.195,50	19.670,94
18.03.2019	11:00:00	12.162,72	6.938,97	19.496,65
18.03.2019	11:15:00	12.059,38	8.428,29	21.112,38
18.03.2019	11:30:00	12.839,57	9.322,50	21.957,95
18.03.2019	11:45:00	12.820,00	11.299,57	23.995,53
18.03.2019	12:00:00	13.694,18	12.821,63	25.605,37
18.03.2019	12:15:00	13.894,35	9.611,24	21.543,52
18.03.2019	12:30:00	14.816,12	11.478,91	23.082,39
18.03.2019	12:45:00	13.632,48	9.534,14	21.279,40
18.03.2019	13:00:00	12.333,11	9.422,46	21.227,33
18.03.2019	13:15:00	13.104,19	10.429,18	22.526,31
18.03.2019	13:30:00	12.644,91	9.145,26	21.375,18
18.03.2019	13:45:00	12.498,86	6.917,81	18.790,07
18.03.2019	14:00:00	12.864,64	6.572,35	18.395,61
18.03.2019	14:15:00	12.301,21	7.824,27	19.532,17
18.03.2019	14:30:00	12.254,20	10.186,07	22.145,49
18.03.2019	14:45:00	12.500,21	10.685,80	22.618,14
18.03.2019	15:00:00	12.318,31	9.869,28	21.719,67
18.03.2019	15:15:00	12.267,36	10.484,52	22.285,00
18.03.2019	15:30:00	12.255,57	10.604,35	22.157,26
18.03.2019	15:45:00	12.128,35	10.923,57	22.233,42
18.03.2019	16:00:00	12.436,34	11.473,21	22.675,29
18.03.2019	16:15:00	12.781,65	12.342,64	23.331,18
18.03.2019	16:30:00	13.724,41	12.930,95	23.709,50
18.03.2019	16:45:00	13.755,02	10.964,77	21.270,65
18.03.2019	17:00:00	13.981,27	10.588,56	20.619,85
18.03.2019	17:15:00	12.951,24	11.789,57	21.548,41
18.03.2019	17:30:00	13.142,46	12.211,09	21.939,58
18.03.2019	17:45:00	13.116,26	12.161,11	21.624,17
18.03.2019	18:00:00	13.212,75	12.456,18	21.875,21
18.03.2019	18:15:00	13.445,39	12.883,21	22.071,65
18.03.2019	18:30:00	13.789,37	13.404,46	22.251,66
18.03.2019	18:45:00	14.284,58	13.982,69	22.794,71
18.03.2019	19:00:00	15.018,04	14.731,77	23.577,40
18.03.2019	19:15:00	15.628,50	15.340,51	24.157,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.03.2019	19:30:00	15.791,95	15.455,33	24.268,52
18.03.2019	19:45:00	15.465,91	15.103,40	23.847,21
18.03.2019	20:00:00	15.251,60	14.877,11	23.347,83
18.03.2019	20:15:00	15.138,76	14.758,99	23.178,10
18.03.2019	20:30:00	15.041,22	14.655,05	22.851,24
18.03.2019	20:45:00	14.769,78	14.373,94	22.415,07
18.03.2019	21:00:00	14.434,92	14.031,31	22.079,95
18.03.2019	21:15:00	14.275,20	13.869,76	21.740,51
18.03.2019	21:30:00	15.277,26	14.879,37	22.656,76
18.03.2019	21:45:00	14.742,67	14.338,19	22.040,92
18.03.2019	22:00:00	14.056,48	13.640,76	21.107,52
18.03.2019	22:15:00	13.863,70	13.447,05	20.457,41
18.03.2019	22:30:00	13.752,54	13.364,74	20.256,80
18.03.2019	22:45:00	13.962,88	13.593,76	20.137,81
18.03.2019	23:00:00	13.961,40	13.577,22	19.842,91
18.03.2019	23:15:00	13.361,29	12.951,14	19.152,68
18.03.2019	23:30:00	12.815,35	12.391,69	18.545,94
18.03.2019	23:45:00	12.275,88	11.857,35	17.753,14
19.03.2019	00:00:00	11.800,21	11.358,27	17.246,78
19.03.2019	00:15:00	11.372,05	10.929,94	16.805,36
19.03.2019	00:30:00	10.885,47	10.442,10	16.139,93
19.03.2019	00:45:00	10.768,93	10.321,00	16.074,98
19.03.2019	01:00:00	10.428,18	9.980,52	15.754,98
19.03.2019	01:15:00	10.229,09	9.784,75	15.584,54
19.03.2019	01:30:00	10.079,03	9.635,92	15.310,21
19.03.2019	01:45:00	10.029,37	9.584,54	15.101,59
19.03.2019	02:00:00	9.932,21	9.477,63	15.001,83
19.03.2019	02:15:00	9.892,21	9.436,00	15.058,88
19.03.2019	02:30:00	9.942,73	9.487,93	14.951,98
19.03.2019	02:45:00	9.833,44	9.378,72	14.849,64
19.03.2019	03:00:00	9.777,68	9.324,61	14.799,66
19.03.2019	03:15:00	9.610,06	9.152,11	14.646,20
19.03.2019	03:30:00	9.601,34	9.143,11	14.665,89
19.03.2019	03:45:00	9.639,76	9.182,01	14.627,41
19.03.2019	04:00:00	9.635,19	9.178,43	14.600,67
19.03.2019	04:15:00	9.928,34	9.471,13	14.991,61
19.03.2019	04:30:00	10.046,99	9.593,56	15.186,83
19.03.2019	04:45:00	9.950,71	9.495,08	15.244,64
19.03.2019	05:00:00	10.192,16	9.743,78	15.729,50
19.03.2019	05:15:00	10.466,98	10.041,72	16.508,76
19.03.2019	05:30:00	10.256,88	9.839,76	16.636,92
19.03.2019	05:45:00	10.684,16	10.286,30	17.558,50
19.03.2019	06:00:00	10.927,90	10.539,21	18.412,64
19.03.2019	06:15:00	11.135,08	10.781,59	19.999,76
19.03.2019	06:30:00	11.102,01	10.761,32	20.851,70
19.03.2019	06:45:00	10.583,33	10.232,66	20.690,92
19.03.2019	07:00:00	10.760,46	10.409,60	21.546,64
19.03.2019	07:15:00	11.127,47	10.710,57	22.446,95
19.03.2019	07:30:00	11.307,77	10.838,05	23.190,40
19.03.2019	07:45:00	11.285,08	10.698,83	23.138,42
19.03.2019	08:00:00	11.365,40	10.737,95	23.646,09
19.03.2019	08:15:00	11.371,74	10.239,27	23.426,33
19.03.2019	08:30:00	10.586,41	8.993,13	22.485,83
19.03.2019	08:45:00	10.702,89	8.770,30	22.003,96
19.03.2019	09:00:00	10.903,19	8.478,28	21.605,55
19.03.2019	09:15:00	11.723,04	8.920,68	20.948,44
19.03.2019	09:30:00	11.488,37	8.184,28	20.245,97
19.03.2019	09:45:00	11.584,30	7.867,03	20.634,66
19.03.2019	10:00:00	11.783,10	7.872,36	20.723,59
19.03.2019	10:15:00	11.142,68	8.143,44	20.969,90
19.03.2019	10:30:00	12.262,96	7.657,55	20.311,38
19.03.2019	10:45:00	13.034,87	7.190,60	19.868,09
19.03.2019	11:00:00	12.269,05	7.437,20	20.294,28
19.03.2019	11:15:00	11.115,50	7.651,50	20.623,72
19.03.2019	11:30:00	10.025,85	7.332,53	20.162,36
19.03.2019	11:45:00	8.996,27	7.077,74	19.904,00
19.03.2019	12:00:00	13.065,13	7.104,70	19.519,40
19.03.2019	12:15:00	14.957,21	8.668,61	20.841,68
19.03.2019	12:30:00	13.946,28	8.565,11	20.341,36
19.03.2019	12:45:00	13.003,69	7.724,68	19.479,72
19.03.2019	13:00:00	13.561,93	9.538,29	21.739,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.03.2019	13:15:00	12.920,20	10.862,27	23.403,10
19.03.2019	13:30:00	11.757,38	9.776,31	22.279,52
19.03.2019	13:45:00	10.546,59	7.186,29	19.550,31
19.03.2019	14:00:00	12.280,65	5.940,49	18.188,20
19.03.2019	14:15:00	11.633,78	5.835,84	17.834,76
19.03.2019	14:30:00	11.585,18	5.840,97	17.884,94
19.03.2019	14:45:00	12.989,26	6.957,23	18.839,52
19.03.2019	15:00:00	10.184,19	7.370,01	19.169,15
19.03.2019	15:15:00	12.484,29	6.629,76	17.917,16
19.03.2019	15:30:00	12.874,43	7.286,92	18.393,24
19.03.2019	15:45:00	12.999,16	7.988,83	18.762,90
19.03.2019	16:00:00	12.767,87	8.604,01	19.200,08
19.03.2019	16:15:00	12.467,71	8.645,29	18.862,30
19.03.2019	16:30:00	12.447,67	8.802,10	18.806,58
19.03.2019	16:45:00	13.101,28	9.237,25	19.149,15
19.03.2019	17:00:00	13.043,14	9.595,38	19.333,53
19.03.2019	17:15:00	12.696,91	10.175,45	19.631,68
19.03.2019	17:30:00	12.337,51	10.936,85	20.109,07
19.03.2019	17:45:00	12.641,79	11.829,07	20.844,80
19.03.2019	18:00:00	12.948,93	12.100,07	20.989,74
19.03.2019	18:15:00	13.063,13	12.419,44	21.147,28
19.03.2019	18:30:00	13.209,39	12.647,29	21.306,30
19.03.2019	18:45:00	13.636,88	13.137,88	21.524,97
19.03.2019	19:00:00	14.431,55	13.943,04	22.188,68
19.03.2019	19:15:00	15.377,73	14.896,21	23.282,01
19.03.2019	19:30:00	15.622,05	15.121,14	23.526,01
19.03.2019	19:45:00	15.378,89	14.871,27	23.129,77
19.03.2019	20:00:00	15.252,69	14.736,65	22.922,45
19.03.2019	20:15:00	15.045,17	14.507,29	22.563,04
19.03.2019	20:30:00	14.841,05	14.285,06	22.129,42
19.03.2019	20:45:00	14.680,29	14.123,30	21.796,90
19.03.2019	21:00:00	14.127,81	13.564,00	21.214,05
19.03.2019	21:15:00	14.175,58	13.614,38	21.091,38
19.03.2019	21:30:00	15.113,43	14.557,41	21.965,69
19.03.2019	21:45:00	14.556,18	13.990,33	21.397,52
19.03.2019	22:00:00	14.130,96	13.562,16	20.616,71
19.03.2019	22:15:00	13.780,15	13.205,76	19.861,79
19.03.2019	22:30:00	13.519,87	12.941,96	19.394,26
19.03.2019	22:45:00	13.654,40	13.080,05	19.331,59
19.03.2019	23:00:00	13.584,13	13.014,94	19.282,08
19.03.2019	23:15:00	13.011,52	12.436,68	18.490,17
19.03.2019	23:30:00	12.407,43	11.818,12	17.693,91
19.03.2019	23:45:00	11.788,98	11.193,29	16.826,86
20.03.2019	00:00:00	11.246,14	10.647,03	16.212,34
20.03.2019	00:15:00	10.668,85	10.067,32	15.420,66
20.03.2019	00:30:00	10.310,85	9.706,75	15.102,57
20.03.2019	00:45:00	10.205,57	9.599,41	15.135,24
20.03.2019	01:00:00	9.837,01	9.226,94	14.802,55
20.03.2019	01:15:00	9.465,24	8.850,56	14.295,88
20.03.2019	01:30:00	9.424,83	8.804,04	14.298,51
20.03.2019	01:45:00	9.397,21	8.773,72	14.084,66
20.03.2019	02:00:00	9.476,80	8.852,99	14.173,39
20.03.2019	02:15:00	9.536,69	8.915,48	14.193,33
20.03.2019	02:30:00	9.571,22	8.951,19	14.119,77
20.03.2019	02:45:00	9.451,48	8.829,95	14.046,17
20.03.2019	03:00:00	9.540,65	8.922,40	14.080,59
20.03.2019	03:15:00	9.460,16	8.838,83	14.018,61
20.03.2019	03:30:00	9.476,20	8.859,53	13.925,05
20.03.2019	03:45:00	9.540,81	8.922,44	14.057,19
20.03.2019	04:00:00	9.725,27	9.109,06	14.196,64
20.03.2019	04:15:00	9.969,86	9.356,76	14.528,04
20.03.2019	04:30:00	10.052,57	9.439,87	14.648,13
20.03.2019	04:45:00	10.006,72	9.391,88	14.739,40
20.03.2019	05:00:00	10.246,01	9.639,05	15.244,52
20.03.2019	05:15:00	10.511,83	9.928,44	16.139,05
20.03.2019	05:30:00	10.234,67	9.664,55	16.255,10
20.03.2019	05:45:00	10.834,33	10.279,20	17.270,84
20.03.2019	06:00:00	11.308,81	10.764,33	18.377,86
20.03.2019	06:15:00	11.310,58	10.771,08	19.772,33
20.03.2019	06:30:00	11.048,14	10.534,09	20.449,97
20.03.2019	06:45:00	10.854,63	10.296,29	20.749,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.03.2019	07:00:00	10.801,48	10.188,79	21.118,23
20.03.2019	07:15:00	11.157,60	10.549,68	21.954,12
20.03.2019	07:30:00	10.899,89	10.242,42	21.788,65
20.03.2019	07:45:00	10.407,83	9.643,35	21.338,20
20.03.2019	08:00:00	10.210,98	9.192,80	21.476,53
20.03.2019	08:15:00	10.378,22	9.024,71	21.500,02
20.03.2019	08:30:00	10.472,69	8.789,44	21.479,89
20.03.2019	08:45:00	10.547,80	8.484,25	21.283,93
20.03.2019	09:00:00	10.810,17	8.356,55	21.234,83
20.03.2019	09:15:00	11.560,86	8.685,53	20.575,88
20.03.2019	09:30:00	11.494,49	8.178,25	20.035,88
20.03.2019	09:45:00	11.644,82	7.924,93	20.424,68
20.03.2019	10:00:00	11.625,41	7.525,55	20.134,04
20.03.2019	10:15:00	11.830,11	7.401,91	20.049,65
20.03.2019	10:30:00	11.802,29	7.073,25	19.693,88
20.03.2019	10:45:00	11.711,36	6.698,12	19.531,44
20.03.2019	11:00:00	11.682,10	6.419,63	19.216,04
20.03.2019	11:15:00	11.687,85	6.194,10	19.294,78
20.03.2019	11:30:00	12.157,80	6.448,15	19.192,53
20.03.2019	11:45:00	12.275,90	6.385,23	19.228,53
20.03.2019	12:00:00	12.418,21	6.440,06	18.969,91
20.03.2019	12:15:00	12.728,99	6.652,03	18.695,31
20.03.2019	12:30:00	13.165,63	7.006,36	18.579,87
20.03.2019	12:45:00	12.928,36	6.704,50	18.379,45
20.03.2019	13:00:00	12.678,19	6.439,89	18.305,10
20.03.2019	13:15:00	12.443,31	6.222,33	18.531,93
20.03.2019	13:30:00	12.321,69	6.111,18	18.450,26
20.03.2019	13:45:00	12.184,35	5.971,39	18.383,16
20.03.2019	14:00:00	11.855,01	5.723,21	18.214,92
20.03.2019	14:15:00	12.089,09	6.048,06	18.556,70
20.03.2019	14:30:00	12.064,84	6.085,51	18.396,69
20.03.2019	14:45:00	12.036,47	6.158,12	18.082,82
20.03.2019	15:00:00	11.880,10	6.214,03	17.818,12
20.03.2019	15:15:00	12.159,56	6.690,77	17.766,25
20.03.2019	15:30:00	12.049,29	6.715,98	18.008,82
20.03.2019	15:45:00	12.048,16	6.986,61	18.015,77
20.03.2019	16:00:00	12.141,61	7.342,43	18.079,94
20.03.2019	16:15:00	12.387,61	7.886,23	18.018,78
20.03.2019	16:30:00	12.665,18	8.551,85	18.443,32
20.03.2019	16:45:00	12.748,40	8.988,78	18.688,30
20.03.2019	17:00:00	13.044,95	9.650,55	19.219,28
20.03.2019	17:15:00	12.820,27	10.133,31	19.565,97
20.03.2019	17:30:00	12.335,20	10.714,23	19.804,54
20.03.2019	17:45:00	12.282,94	11.244,41	20.345,54
20.03.2019	18:00:00	12.735,79	11.859,15	20.952,86
20.03.2019	18:15:00	12.989,57	12.310,14	21.058,15
20.03.2019	18:30:00	13.039,50	12.508,87	21.108,42
20.03.2019	18:45:00	13.556,56	13.103,37	21.534,73
20.03.2019	19:00:00	14.124,24	13.680,89	22.161,02
20.03.2019	19:15:00	15.164,43	14.724,42	23.440,57
20.03.2019	19:30:00	15.398,71	14.951,45	23.763,01
20.03.2019	19:45:00	15.232,83	14.762,97	23.400,99
20.03.2019	20:00:00	15.041,46	14.569,72	23.167,00
20.03.2019	20:15:00	14.773,54	14.286,54	22.422,69
20.03.2019	20:30:00	14.640,82	14.146,75	22.140,36
20.03.2019	20:45:00	14.477,61	13.978,01	21.769,96
20.03.2019	21:00:00	14.158,75	13.653,54	21.398,08
20.03.2019	21:15:00	13.909,68	13.397,95	20.987,92
20.03.2019	21:30:00	14.813,16	14.311,36	21.716,60
20.03.2019	21:45:00	14.319,46	13.814,78	21.231,04
20.03.2019	22:00:00	13.738,35	13.223,12	20.207,82
20.03.2019	22:15:00	13.467,45	12.951,11	19.631,94
20.03.2019	22:30:00	13.259,97	12.780,12	19.303,16
20.03.2019	22:45:00	13.520,77	13.051,69	19.374,13
20.03.2019	23:00:00	13.481,18	13.007,67	19.207,24
20.03.2019	23:15:00	12.822,10	12.293,53	18.373,40
20.03.2019	23:30:00	12.126,70	11.591,72	17.545,68
20.03.2019	23:45:00	11.549,43	11.029,32	16.805,00
21.03.2019	00:00:00	11.127,23	10.582,72	16.307,51
21.03.2019	00:15:00	10.625,59	10.077,24	15.628,32
21.03.2019	00:30:00	10.285,01	9.735,39	15.186,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.03.2019	00:45:00	9.829,83	9.278,01	14.850,44
21.03.2019	01:00:00	9.528,30	9.071,80	14.605,56
21.03.2019	01:15:00	9.395,77	8.962,01	14.567,77
21.03.2019	01:30:00	9.294,24	8.859,93	14.382,55
21.03.2019	01:45:00	9.189,40	8.752,64	14.189,26
21.03.2019	02:00:00	9.163,09	8.744,38	14.103,37
21.03.2019	02:15:00	9.250,30	8.804,87	14.104,46
21.03.2019	02:30:00	9.132,19	8.686,34	13.996,72
21.03.2019	02:45:00	9.167,40	8.719,96	13.856,74
21.03.2019	03:00:00	9.304,53	8.859,97	14.052,19
21.03.2019	03:15:00	9.324,00	8.867,37	13.962,96
21.03.2019	03:30:00	9.298,96	8.743,00	13.853,50
21.03.2019	03:45:00	9.298,73	8.743,24	13.963,20
21.03.2019	04:00:00	9.517,32	8.963,24	14.203,86
21.03.2019	04:15:00	9.765,60	9.210,51	14.402,96
21.03.2019	04:30:00	9.755,10	9.199,15	14.503,23
21.03.2019	04:45:00	9.772,40	9.216,03	14.708,08
21.03.2019	05:00:00	10.016,37	9.476,99	15.223,42
21.03.2019	05:15:00	10.188,08	9.681,58	16.074,03
21.03.2019	05:30:00	9.992,85	9.508,48	16.068,06
21.03.2019	05:45:00	10.558,30	10.083,57	17.053,48
21.03.2019	06:00:00	11.011,34	10.541,14	18.083,64
21.03.2019	06:15:00	11.069,99	10.605,95	19.461,54
21.03.2019	06:30:00	10.761,92	10.327,16	20.077,14
21.03.2019	06:45:00	10.550,29	10.056,99	20.396,61
21.03.2019	07:00:00	10.509,09	9.970,72	21.016,65
21.03.2019	07:15:00	10.709,45	10.103,45	21.457,35
21.03.2019	07:30:00	10.527,13	9.867,48	21.793,03
21.03.2019	07:45:00	10.412,24	9.622,30	21.608,70
21.03.2019	08:00:00	10.089,15	9.001,67	21.233,02
21.03.2019	08:15:00	10.375,91	9.004,78	21.269,63
21.03.2019	08:30:00	10.341,86	8.646,40	21.188,19
21.03.2019	08:45:00	10.221,50	8.099,37	20.784,57
21.03.2019	09:00:00	10.733,34	8.200,32	20.899,71
21.03.2019	09:15:00	11.043,26	8.065,11	20.056,19
21.03.2019	09:30:00	11.095,82	7.688,32	19.573,06
21.03.2019	09:45:00	11.065,52	7.247,75	19.643,04
21.03.2019	10:00:00	11.124,06	6.937,29	19.492,44
21.03.2019	10:15:00	11.217,14	6.727,71	19.239,69
21.03.2019	10:30:00	11.224,12	6.441,19	18.771,35
21.03.2019	10:45:00	11.245,67	6.224,97	18.746,58
21.03.2019	11:00:00	11.408,41	6.067,02	18.978,94
21.03.2019	11:15:00	11.669,26	6.097,08	19.028,72
21.03.2019	11:30:00	11.835,65	6.068,61	19.015,41
21.03.2019	11:45:00	12.110,18	6.121,83	19.083,36
21.03.2019	12:00:00	12.321,21	6.251,16	18.815,14
21.03.2019	12:15:00	12.527,14	6.329,87	18.257,99
21.03.2019	12:30:00	12.723,81	6.446,84	17.971,18
21.03.2019	12:45:00	12.582,60	6.254,86	17.979,33
21.03.2019	13:00:00	12.233,24	5.919,93	17.655,78
21.03.2019	13:15:00	12.189,74	5.798,33	17.744,65
21.03.2019	13:30:00	12.025,95	5.707,18	18.171,92
21.03.2019	13:45:00	11.883,61	5.613,43	18.019,67
21.03.2019	14:00:00	11.883,10	5.745,92	18.064,07
21.03.2019	14:15:00	11.839,06	5.721,70	18.144,70
21.03.2019	14:30:00	11.796,10	5.976,98	18.308,15
21.03.2019	14:45:00	11.938,01	6.135,44	18.261,62
21.03.2019	15:00:00	11.872,98	6.351,13	18.089,31
21.03.2019	15:15:00	11.844,93	6.582,55	18.028,12
21.03.2019	15:30:00	11.871,89	6.909,99	18.138,01
21.03.2019	15:45:00	11.910,51	7.262,82	18.302,78
21.03.2019	16:00:00	11.974,12	7.625,93	18.412,78
21.03.2019	16:15:00	12.133,99	8.041,20	18.417,74
21.03.2019	16:30:00	12.224,64	8.566,72	18.731,38
21.03.2019	16:45:00	12.628,92	9.395,77	19.305,27
21.03.2019	17:00:00	12.522,82	9.716,38	19.365,80
21.03.2019	17:15:00	12.499,47	10.216,07	19.676,20
21.03.2019	17:30:00	12.219,28	10.829,00	20.125,64
21.03.2019	17:45:00	12.217,24	11.399,75	20.569,91
21.03.2019	18:00:00	12.403,68	11.771,94	20.884,52
21.03.2019	18:15:00	12.634,49	12.148,15	21.063,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.03.2019	18:30:00	12.913,62	12.441,47	21.200,67
21.03.2019	18:45:00	13.292,01	12.880,65	21.443,00
21.03.2019	19:00:00	13.744,19	13.306,75	21.721,61
21.03.2019	19:15:00	14.889,41	14.502,69	22.961,95
21.03.2019	19:30:00	15.236,64	14.798,28	23.400,01
21.03.2019	19:45:00	15.055,30	14.638,21	23.198,01
21.03.2019	20:00:00	14.812,99	14.351,90	22.669,64
21.03.2019	20:15:00	14.583,17	14.118,50	22.320,94
21.03.2019	20:30:00	14.423,85	13.931,47	21.963,76
21.03.2019	20:45:00	14.244,83	13.751,85	21.720,41
21.03.2019	21:00:00	13.752,56	13.253,04	21.051,31
21.03.2019	21:15:00	13.612,45	13.114,40	20.658,37
21.03.2019	21:30:00	14.283,04	13.816,94	21.230,66
21.03.2019	21:45:00	13.662,43	13.292,05	20.500,05
21.03.2019	22:00:00	13.216,12	12.818,60	19.842,00
21.03.2019	22:15:00	12.995,10	12.605,22	19.503,75
21.03.2019	22:30:00	12.722,02	12.357,25	19.048,02
21.03.2019	22:45:00	12.775,45	12.369,62	18.746,82
21.03.2019	23:00:00	12.737,77	12.341,91	18.606,41
21.03.2019	23:15:00	12.242,61	11.875,40	18.074,58
21.03.2019	23:30:00	11.669,72	11.252,09	17.323,77
21.03.2019	23:45:00	11.172,24	10.753,03	16.670,03
22.03.2019	00:00:00	10.585,95	10.167,00	15.906,62
22.03.2019	00:15:00	10.003,06	9.579,50	15.020,49
22.03.2019	00:30:00	9.539,85	9.126,28	14.533,90
22.03.2019	00:45:00	9.197,57	8.805,29	14.128,80
22.03.2019	01:00:00	8.946,02	8.464,07	13.973,00
22.03.2019	01:15:00	8.875,82	8.316,01	13.726,37
22.03.2019	01:30:00	8.688,28	8.131,58	13.572,34
22.03.2019	01:45:00	8.604,19	8.052,37	13.409,81
22.03.2019	02:00:00	8.565,60	8.012,55	13.304,18
22.03.2019	02:15:00	8.772,81	8.223,65	13.454,96
22.03.2019	02:30:00	8.817,93	8.277,90	13.636,78
22.03.2019	02:45:00	8.836,65	8.286,95	13.693,75
22.03.2019	03:00:00	8.953,67	8.392,45	13.797,44
22.03.2019	03:15:00	8.809,58	8.246,80	13.583,92
22.03.2019	03:30:00	8.842,82	8.283,23	13.613,00
22.03.2019	03:45:00	9.046,14	8.488,09	13.757,69
22.03.2019	04:00:00	9.199,44	8.642,22	14.032,82
22.03.2019	04:15:00	9.442,21	8.884,09	14.276,58
22.03.2019	04:30:00	9.606,54	9.050,05	14.400,15
22.03.2019	04:45:00	9.456,39	8.899,20	14.459,82
22.03.2019	05:00:00	9.705,49	9.165,81	14.935,00
22.03.2019	05:15:00	10.067,02	9.551,70	15.789,54
22.03.2019	05:30:00	9.963,44	9.456,12	15.995,87
22.03.2019	05:45:00	10.265,17	9.839,37	16.783,83
22.03.2019	06:00:00	10.618,01	10.197,83	17.580,63
22.03.2019	06:15:00	10.635,64	10.229,09	19.039,24
22.03.2019	06:30:00	10.464,10	10.087,11	19.850,02
22.03.2019	06:45:00	10.329,00	9.892,84	20.109,34
22.03.2019	07:00:00	10.094,92	9.602,50	20.164,58
22.03.2019	07:15:00	10.671,84	10.101,08	21.404,48
22.03.2019	07:30:00	10.616,53	9.969,36	21.791,04
22.03.2019	07:45:00	10.275,84	9.492,90	21.157,15
22.03.2019	08:00:00	10.272,80	9.242,02	21.165,38
22.03.2019	08:15:00	10.110,06	8.846,19	20.900,44
22.03.2019	08:30:00	10.365,51	8.680,33	20.742,03
22.03.2019	08:45:00	10.485,94	8.444,26	20.549,75
22.03.2019	09:00:00	10.769,86	8.295,89	20.294,31
22.03.2019	09:15:00	11.479,47	8.677,33	20.075,53
22.03.2019	09:30:00	11.520,29	8.309,35	19.774,17
22.03.2019	09:45:00	11.280,79	7.850,76	19.821,67
22.03.2019	10:00:00	11.177,59	7.167,74	19.149,56
22.03.2019	10:15:00	11.205,71	6.992,12	18.940,62
22.03.2019	10:30:00	11.448,80	7.023,20	19.506,20
22.03.2019	10:45:00	11.561,97	6.533,91	18.805,19
22.03.2019	11:00:00	11.709,58	6.651,43	19.209,43
22.03.2019	11:15:00	12.010,25	7.259,96	19.604,75
22.03.2019	11:30:00	11.933,99	6.604,38	18.758,95
22.03.2019	11:45:00	12.217,79	7.049,68	19.150,42
22.03.2019	12:00:00	12.461,83	7.719,23	19.397,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.03.2019	12:15:00	12.533,57	7.258,95	18.716,27
22.03.2019	12:30:00	12.990,42	7.112,01	18.018,31
22.03.2019	12:45:00	12.734,75	7.498,09	18.623,74
22.03.2019	13:00:00	12.567,84	6.729,46	17.824,66
22.03.2019	13:15:00	12.388,66	6.432,44	17.460,66
22.03.2019	13:30:00	12.061,65	6.266,09	17.304,22
22.03.2019	13:45:00	11.911,73	6.198,73	16.906,48
22.03.2019	14:00:00	11.907,83	6.435,64	16.926,23
22.03.2019	14:15:00	11.855,13	6.689,60	17.141,02
22.03.2019	14:30:00	11.728,34	7.005,47	17.333,51
22.03.2019	14:45:00	11.609,18	6.259,21	16.456,35
22.03.2019	15:00:00	11.444,73	6.663,99	16.878,14
22.03.2019	15:15:00	11.485,65	7.164,40	17.012,60
22.03.2019	15:30:00	11.460,55	7.422,82	16.945,89
22.03.2019	15:45:00	11.641,65	7.654,60	16.976,28
22.03.2019	16:00:00	11.570,59	7.978,32	17.106,19
22.03.2019	16:15:00	11.755,64	8.634,90	17.610,34
22.03.2019	16:30:00	11.559,60	9.340,41	18.392,01
22.03.2019	16:45:00	11.642,10	9.344,58	18.139,28
22.03.2019	17:00:00	12.058,58	9.456,71	18.130,86
22.03.2019	17:15:00	11.747,90	10.515,96	19.073,28
22.03.2019	17:30:00	12.071,57	11.158,37	19.695,87
22.03.2019	17:45:00	12.147,29	11.131,63	19.738,03
22.03.2019	18:00:00	12.325,12	11.581,45	20.124,47
22.03.2019	18:15:00	12.437,71	11.949,12	20.448,76
22.03.2019	18:30:00	12.768,45	12.363,95	20.608,21
22.03.2019	18:45:00	13.105,31	12.799,32	21.034,64
22.03.2019	19:00:00	13.465,11	13.173,78	21.260,16
22.03.2019	19:15:00	14.458,41	14.140,33	22.223,73
22.03.2019	19:30:00	14.712,37	14.363,81	22.362,50
22.03.2019	19:45:00	14.563,22	14.242,39	22.024,71
22.03.2019	20:00:00	14.312,62	13.959,26	21.549,53
22.03.2019	20:15:00	13.997,68	13.643,73	21.081,52
22.03.2019	20:30:00	13.548,38	13.185,12	20.441,48
22.03.2019	20:45:00	13.397,30	13.003,29	20.022,52
22.03.2019	21:00:00	12.968,39	12.610,35	19.536,20
22.03.2019	21:15:00	13.052,85	12.664,87	19.519,10
22.03.2019	21:30:00	13.776,92	13.311,53	20.068,19
22.03.2019	21:45:00	13.245,70	12.775,23	19.499,95
22.03.2019	22:00:00	12.819,28	12.313,60	18.875,40
22.03.2019	22:15:00	12.785,60	12.262,22	18.394,61
22.03.2019	22:30:00	12.727,44	12.204,13	18.142,64
22.03.2019	22:45:00	12.888,76	12.363,70	18.276,58
22.03.2019	23:00:00	12.859,89	12.330,01	18.006,08
22.03.2019	23:15:00	12.359,06	11.823,18	17.371,52
22.03.2019	23:30:00	11.677,31	11.135,16	16.549,48
22.03.2019	23:45:00	11.255,89	10.709,31	16.000,62
23.03.2019	00:00:00	10.766,55	10.238,96	15.438,24
23.03.2019	00:15:00	10.225,13	9.718,47	14.894,31
23.03.2019	00:30:00	9.637,32	9.126,31	14.368,59
23.03.2019	00:45:00	9.302,75	8.790,60	14.015,12
23.03.2019	01:00:00	9.045,72	8.530,87	13.724,94
23.03.2019	01:15:00	8.875,50	8.316,93	13.417,96
23.03.2019	01:30:00	8.518,69	7.963,72	13.126,89
23.03.2019	01:45:00	8.315,34	7.858,62	12.936,68
23.03.2019	02:00:00	8.178,57	7.718,96	12.807,76
23.03.2019	02:15:00	8.277,45	7.820,49	12.790,75
23.03.2019	02:30:00	8.241,43	7.783,59	12.655,64
23.03.2019	02:45:00	8.284,50	7.826,10	12.594,06
23.03.2019	03:00:00	8.284,38	7.825,60	12.720,39
23.03.2019	03:15:00	8.208,19	7.749,49	12.422,88
23.03.2019	03:30:00	8.123,87	7.666,26	12.266,35
23.03.2019	03:45:00	8.329,90	7.870,36	12.547,86
23.03.2019	04:00:00	8.515,81	8.058,90	12.577,82
23.03.2019	04:15:00	8.682,50	8.229,08	12.756,12
23.03.2019	04:30:00	8.636,34	8.179,04	12.758,74
23.03.2019	04:45:00	8.618,13	8.203,85	12.882,70
23.03.2019	05:00:00	8.801,75	8.453,41	13.141,89
23.03.2019	05:15:00	8.828,42	8.500,12	13.377,18
23.03.2019	05:30:00	8.698,81	8.382,11	13.389,40
23.03.2019	05:45:00	8.995,92	8.683,86	13.741,46

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.03.2019	06:00:00	9.142,29	8.662,71	13.858,89
23.03.2019	06:15:00	8.793,66	8.282,70	13.548,78
23.03.2019	06:30:00	8.660,89	8.143,35	13.604,28
23.03.2019	06:45:00	8.603,53	8.018,21	13.631,40
23.03.2019	07:00:00	8.510,04	7.848,05	13.404,54
23.03.2019	07:15:00	8.614,35	7.854,20	13.617,28
23.03.2019	07:30:00	8.972,17	8.132,09	14.040,18
23.03.2019	07:45:00	8.981,32	8.017,38	13.816,67
23.03.2019	08:00:00	8.881,11	7.723,80	13.737,30
23.03.2019	08:15:00	9.319,20	7.855,12	14.027,33
23.03.2019	08:30:00	9.368,13	7.555,04	13.609,94
23.03.2019	08:45:00	9.777,22	7.592,39	13.553,38
23.03.2019	09:00:00	10.023,12	7.441,29	13.513,83
23.03.2019	09:15:00	10.369,54	7.393,61	13.357,90
23.03.2019	09:30:00	10.682,19	7.339,59	13.346,44
23.03.2019	09:45:00	10.794,50	7.070,12	13.000,74
23.03.2019	10:00:00	10.941,71	6.872,16	12.806,33
23.03.2019	10:15:00	11.135,42	6.752,33	12.620,78
23.03.2019	10:30:00	11.131,62	6.493,54	12.372,12
23.03.2019	10:45:00	11.366,65	6.461,81	12.192,98
23.03.2019	11:00:00	11.308,17	6.166,25	11.989,83
23.03.2019	11:15:00	11.391,10	6.076,18	12.026,98
23.03.2019	11:30:00	11.547,95	6.074,47	11.997,34
23.03.2019	11:45:00	11.858,29	6.244,01	12.142,72
23.03.2019	12:00:00	11.962,32	6.256,37	12.210,54
23.03.2019	12:15:00	12.100,71	6.405,20	12.005,36
23.03.2019	12:30:00	12.165,90	6.342,11	11.889,93
23.03.2019	12:45:00	11.946,29	6.131,83	11.697,01
23.03.2019	13:00:00	11.767,72	5.907,11	11.523,29
23.03.2019	13:15:00	11.644,67	5.835,12	11.363,52
23.03.2019	13:30:00	11.603,93	5.851,28	11.356,84
23.03.2019	13:45:00	11.505,41	5.758,31	11.088,98
23.03.2019	14:00:00	11.435,35	5.761,05	11.017,69
23.03.2019	14:15:00	11.265,18	5.602,51	10.777,97
23.03.2019	14:30:00	11.054,74	5.498,17	10.505,11
23.03.2019	14:45:00	11.073,53	5.732,24	10.644,22
23.03.2019	15:00:00	11.036,27	5.950,62	10.826,19
23.03.2019	15:15:00	10.952,09	6.100,25	11.027,11
23.03.2019	15:30:00	10.850,92	6.262,80	11.199,26
23.03.2019	15:45:00	10.824,03	6.467,33	11.479,32
23.03.2019	16:00:00	10.815,74	6.508,03	11.414,95
23.03.2019	16:15:00	10.773,86	6.676,42	11.756,37
23.03.2019	16:30:00	10.867,97	7.100,92	12.136,48
23.03.2019	16:45:00	10.838,83	7.448,46	12.573,36
23.03.2019	17:00:00	10.880,85	7.926,93	12.880,42
23.03.2019	17:15:00	11.026,06	8.545,21	13.489,09
23.03.2019	17:30:00	10.838,05	9.066,49	14.084,00
23.03.2019	17:45:00	10.849,33	9.697,15	14.646,32
23.03.2019	18:00:00	10.926,91	10.152,87	15.030,67
23.03.2019	18:15:00	11.141,41	10.582,85	15.369,04
23.03.2019	18:30:00	11.232,28	10.855,24	15.687,75
23.03.2019	18:45:00	11.884,28	11.417,29	16.279,71
23.03.2019	19:00:00	12.189,08	11.719,08	16.697,17
23.03.2019	19:15:00	13.253,70	12.785,84	17.825,80
23.03.2019	19:30:00	13.746,90	13.446,68	18.465,40
23.03.2019	19:45:00	13.636,88	13.280,35	18.184,68
23.03.2019	20:00:00	13.420,33	13.091,19	17.943,47
23.03.2019	20:15:00	13.252,69	12.889,59	17.611,41
23.03.2019	20:30:00	12.909,25	12.561,80	17.159,56
23.03.2019	20:45:00	12.716,52	12.330,35	16.958,46
23.03.2019	21:00:00	12.230,40	11.863,62	16.478,63
23.03.2019	21:15:00	12.245,92	11.840,33	16.319,43
23.03.2019	21:30:00	12.848,31	12.485,78	16.897,49
23.03.2019	21:45:00	12.540,17	12.135,26	16.480,16
23.03.2019	22:00:00	12.184,60	11.813,44	16.116,30
23.03.2019	22:15:00	12.126,01	11.707,66	15.835,07
23.03.2019	22:30:00	12.096,41	11.674,46	15.851,36
23.03.2019	22:45:00	12.240,67	11.820,13	15.839,71
23.03.2019	23:00:00	12.412,64	11.970,05	15.989,08
23.03.2019	23:15:00	11.777,43	11.246,89	15.173,52
23.03.2019	23:30:00	11.204,64	10.690,63	14.604,75

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.03.2019	23:45:00	10.684,52	10.156,70	14.022,89
24.03.2019	00:00:00	10.377,41	9.910,49	13.796,60
24.03.2019	00:15:00	9.796,40	9.450,53	13.301,24
24.03.2019	00:30:00	9.335,81	9.017,06	12.823,83
24.03.2019	00:45:00	8.862,65	8.513,07	12.352,52
24.03.2019	01:00:00	8.601,86	8.257,21	12.117,55
24.03.2019	01:15:00	8.322,34	7.983,69	11.824,24
24.03.2019	01:30:00	8.142,74	7.780,64	11.511,91
24.03.2019	01:45:00	8.072,86	7.629,22	11.358,92
24.03.2019	02:00:00	7.998,55	7.424,50	11.178,96
24.03.2019	02:15:00	7.989,36	7.460,57	11.187,96
24.03.2019	02:30:00	7.969,56	7.405,95	11.056,74
24.03.2019	02:45:00	7.937,97	7.366,37	10.949,88
24.03.2019	03:00:00	7.954,47	7.417,63	11.088,81
24.03.2019	03:15:00	7.937,71	7.361,14	10.979,20
24.03.2019	03:30:00	7.819,88	7.266,23	10.977,69
24.03.2019	03:45:00	7.887,23	7.635,30	11.316,09
24.03.2019	04:00:00	7.930,13	7.681,17	11.350,98
24.03.2019	04:15:00	8.299,58	8.050,97	11.679,16
24.03.2019	04:30:00	8.309,10	8.070,07	11.717,97
24.03.2019	04:45:00	8.189,64	7.886,56	11.611,20
24.03.2019	05:00:00	8.347,19	7.902,12	11.659,34
24.03.2019	05:15:00	8.388,12	7.952,90	11.653,71
24.03.2019	05:30:00	8.163,39	7.715,21	11.411,68
24.03.2019	05:45:00	8.347,59	7.898,70	11.564,25
24.03.2019	06:00:00	8.304,43	7.857,96	11.546,58
24.03.2019	06:15:00	7.927,86	7.485,04	11.289,17
24.03.2019	06:30:00	7.682,47	7.224,35	11.110,64
24.03.2019	06:45:00	7.355,76	6.745,21	10.535,44
24.03.2019	07:00:00	7.191,63	6.442,93	10.292,92
24.03.2019	07:15:00	7.614,79	6.780,01	10.686,56
24.03.2019	07:30:00	7.842,76	6.873,06	10.724,46
24.03.2019	07:45:00	7.992,03	6.910,33	10.914,73
24.03.2019	08:00:00	8.016,43	6.768,59	10.769,82
24.03.2019	08:15:00	8.205,37	6.680,96	10.558,76
24.03.2019	08:30:00	8.317,28	6.493,96	10.353,12
24.03.2019	08:45:00	8.521,45	6.380,39	10.221,25
24.03.2019	09:00:00	8.906,12	6.458,37	10.182,56
24.03.2019	09:15:00	9.221,28	6.361,29	10.123,32
24.03.2019	09:30:00	9.484,44	6.265,83	9.981,13
24.03.2019	09:45:00	9.810,61	6.296,90	10.029,82
24.03.2019	10:00:00	10.069,08	6.185,75	9.939,54
24.03.2019	10:15:00	10.343,22	6.147,97	9.892,18
24.03.2019	10:30:00	10.374,00	5.890,35	9.750,79
24.03.2019	10:45:00	10.580,13	5.844,46	9.637,22
24.03.2019	11:00:00	10.840,23	5.831,82	9.575,69
24.03.2019	11:15:00	11.086,77	5.911,91	9.658,08
24.03.2019	11:30:00	11.354,48	5.995,68	9.765,32
24.03.2019	11:45:00	11.735,70	6.199,92	10.017,34
24.03.2019	12:00:00	11.745,37	6.138,48	9.921,57
24.03.2019	12:15:00	11.839,33	6.039,23	9.779,17
24.03.2019	12:30:00	12.079,74	6.275,47	10.031,56
24.03.2019	12:45:00	11.925,60	6.162,39	9.963,26
24.03.2019	13:00:00	11.594,98	5.802,91	9.751,72
24.03.2019	13:15:00	11.408,75	5.685,31	9.697,28
24.03.2019	13:30:00	11.578,35	5.828,93	9.793,73
24.03.2019	13:45:00	11.307,02	5.655,21	9.817,53
24.03.2019	14:00:00	10.936,03	5.426,78	9.707,41
24.03.2019	14:15:00	10.796,31	5.396,09	9.647,88
24.03.2019	14:30:00	10.465,68	5.323,86	9.519,72
24.03.2019	14:45:00	10.583,95	5.556,92	9.778,88
24.03.2019	15:00:00	10.562,91	5.677,98	9.951,62
24.03.2019	15:15:00	10.447,88	5.656,00	9.936,00
24.03.2019	15:30:00	10.433,83	5.937,74	9.845,12
24.03.2019	15:45:00	10.222,39	6.549,96	10.394,88
24.03.2019	16:00:00	10.143,08	6.782,92	10.638,84
24.03.2019	16:15:00	10.143,98	7.123,76	11.004,61
24.03.2019	16:30:00	10.312,72	7.256,56	11.129,73
24.03.2019	16:45:00	10.496,41	7.681,75	11.681,84
24.03.2019	17:00:00	10.446,17	8.210,91	12.124,57
24.03.2019	17:15:00	10.562,95	8.599,43	12.639,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.03.2019	17:30:00	10.756,44	9.136,04	13.179,40
24.03.2019	17:45:00	11.122,64	9.888,31	13.900,51
24.03.2019	18:00:00	11.229,94	10.249,13	14.377,42
24.03.2019	18:15:00	11.577,42	10.818,79	14.983,82
24.03.2019	18:30:00	11.798,63	11.236,03	15.348,03
24.03.2019	18:45:00	12.315,05	11.832,65	15.909,08
24.03.2019	19:00:00	12.822,22	12.354,36	16.472,32
24.03.2019	19:15:00	13.776,85	13.320,00	17.533,26
24.03.2019	19:30:00	13.978,50	13.523,77	17.768,55
24.03.2019	19:45:00	13.808,51	13.354,03	17.514,84
24.03.2019	20:00:00	13.509,35	13.055,64	17.181,63
24.03.2019	20:15:00	13.435,60	12.949,10	17.045,75
24.03.2019	20:30:00	13.339,04	12.880,01	16.955,24
24.03.2019	20:45:00	13.008,09	12.535,85	16.669,55
24.03.2019	21:00:00	12.665,93	12.213,59	16.399,42
24.03.2019	21:15:00	12.484,60	12.070,47	16.183,15
24.03.2019	21:30:00	13.135,52	12.727,94	16.778,54
24.03.2019	21:45:00	12.602,49	12.188,28	16.323,19
24.03.2019	22:00:00	12.280,34	11.863,15	16.072,44
24.03.2019	22:15:00	12.026,97	11.605,05	15.977,19
24.03.2019	22:30:00	11.888,16	11.465,87	15.849,09
24.03.2019	22:45:00	11.935,06	11.535,54	15.832,43
24.03.2019	23:00:00	11.778,23	11.556,84	15.811,73
24.03.2019	23:15:00	11.142,82	10.914,56	15.227,87
24.03.2019	23:30:00	10.391,58	10.160,88	14.496,14
24.03.2019	23:45:00	9.799,37	9.562,50	13.899,74
25.03.2019	00:00:00	9.224,68	8.981,56	13.311,24
25.03.2019	00:15:00	8.780,49	8.428,33	12.720,50
25.03.2019	00:30:00	8.186,45	7.675,73	11.963,59
25.03.2019	00:45:00	7.772,04	7.246,74	11.708,38
25.03.2019	01:00:00	7.573,17	7.046,24	11.554,44
25.03.2019	01:15:00	7.388,60	6.831,86	11.356,34
25.03.2019	01:30:00	7.312,36	6.750,21	11.337,01
25.03.2019	01:45:00	7.248,21	6.860,83	11.372,47
25.03.2019	02:00:00	7.139,32	6.767,52	11.093,58
25.03.2019	02:15:00	7.137,07	6.764,85	11.087,08
25.03.2019	02:30:00	7.096,51	6.722,04	10.991,34
25.03.2019	02:45:00	7.173,30	6.798,08	10.996,32
25.03.2019	03:00:00	7.175,08	6.800,76	11.078,18
25.03.2019	03:15:00	7.075,62	6.698,06	11.235,38
25.03.2019	03:30:00	7.158,20	6.782,58	11.245,93
25.03.2019	03:45:00	7.167,92	6.791,69	11.265,38
25.03.2019	04:00:00	7.233,68	6.857,98	11.371,36
25.03.2019	04:15:00	7.668,90	7.295,16	11.844,84
25.03.2019	04:30:00	7.862,43	7.488,29	12.088,90
25.03.2019	04:45:00	7.952,99	7.580,05	12.253,45
25.03.2019	05:00:00	8.224,69	7.862,57	13.061,97
25.03.2019	05:15:00	8.871,14	8.541,54	14.405,02
25.03.2019	05:30:00	8.717,52	8.376,94	14.582,16
25.03.2019	05:45:00	9.210,21	8.710,34	15.267,98
25.03.2019	06:00:00	9.576,48	9.081,29	16.405,61
25.03.2019	06:15:00	9.429,07	8.944,00	17.674,06
25.03.2019	06:30:00	9.568,76	9.084,21	18.525,02
25.03.2019	06:45:00	9.700,45	9.163,66	18.930,79
25.03.2019	07:00:00	10.106,30	9.533,01	20.011,55
25.03.2019	07:15:00	10.206,64	9.548,48	20.294,83
25.03.2019	07:30:00	9.875,22	9.160,62	20.096,23
25.03.2019	07:45:00	9.514,15	8.662,01	19.966,89
25.03.2019	08:00:00	9.607,15	8.496,87	20.000,71
25.03.2019	08:15:00	9.603,51	8.142,54	19.777,38
25.03.2019	08:30:00	10.245,40	8.284,78	20.217,28
25.03.2019	08:45:00	10.636,28	8.789,88	20.832,18
25.03.2019	09:00:00	11.132,46	9.565,88	21.887,02
25.03.2019	09:15:00	11.890,75	9.815,04	21.398,13
25.03.2019	09:30:00	11.926,21	9.578,65	21.186,01
25.03.2019	09:45:00	12.136,55	9.922,95	22.154,93
25.03.2019	10:00:00	12.215,90	10.488,57	22.774,54
25.03.2019	10:15:00	12.261,57	10.333,56	22.646,54
25.03.2019	10:30:00	12.404,57	10.587,49	22.903,28
25.03.2019	10:45:00	12.370,84	11.377,37	23.945,78
25.03.2019	11:00:00	12.480,85	10.545,12	23.407,23

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.03.2019	11:15:00	12.907,78	10.861,40	23.643,20
25.03.2019	11:30:00	13.064,67	11.919,04	25.019,66
25.03.2019	11:45:00	13.665,97	13.055,15	26.519,38
25.03.2019	12:00:00	13.791,33	12.315,11	25.651,86
25.03.2019	12:15:00	13.725,77	11.126,01	23.787,34
25.03.2019	12:30:00	14.697,63	10.772,89	22.880,33
25.03.2019	12:45:00	13.742,61	11.810,25	23.888,42
25.03.2019	13:00:00	12.853,27	9.124,36	20.974,49
25.03.2019	13:15:00	12.741,86	10.712,46	22.800,31
25.03.2019	13:30:00	13.360,71	10.804,45	23.017,74
25.03.2019	13:45:00	12.571,34	7.331,78	19.311,24
25.03.2019	14:00:00	11.870,20	10.659,39	22.577,96
25.03.2019	14:15:00	11.350,60	8.880,31	20.640,08
25.03.2019	14:30:00	12.719,51	11.833,74	23.667,76
25.03.2019	14:45:00	12.591,79	7.300,42	18.544,78
25.03.2019	15:00:00	12.725,34	6.804,63	17.832,40
25.03.2019	15:15:00	12.121,08	7.575,73	18.198,69
25.03.2019	15:30:00	11.832,93	10.622,49	21.517,93
25.03.2019	15:45:00	12.627,57	11.818,25	22.531,12
25.03.2019	16:00:00	12.655,12	11.207,28	21.505,28
25.03.2019	16:15:00	12.734,78	9.844,95	19.539,40
25.03.2019	16:30:00	13.662,30	9.181,58	18.969,21
25.03.2019	16:45:00	13.678,29	9.656,78	19.263,58
25.03.2019	17:00:00	13.754,05	10.093,22	19.506,50
25.03.2019	17:15:00	13.482,60	10.815,92	20.024,78
25.03.2019	17:30:00	12.798,24	12.106,29	21.193,51
25.03.2019	17:45:00	13.214,52	12.392,12	21.530,40
25.03.2019	18:00:00	13.333,69	11.978,70	20.993,62
25.03.2019	18:15:00	13.287,39	12.298,32	21.019,77
25.03.2019	18:30:00	13.431,39	12.832,08	21.348,56
25.03.2019	18:45:00	13.530,00	13.046,94	21.471,22
25.03.2019	19:00:00	14.022,31	13.571,50	21.936,63
25.03.2019	19:15:00	14.989,81	14.548,59	22.924,08
25.03.2019	19:30:00	15.371,93	14.917,24	23.355,09
25.03.2019	19:45:00	15.233,84	14.770,52	23.130,93
25.03.2019	20:00:00	15.022,24	14.563,87	22.736,82
25.03.2019	20:15:00	14.783,02	14.314,30	22.328,90
25.03.2019	20:30:00	14.585,10	14.103,61	21.938,23
25.03.2019	20:45:00	14.309,84	13.827,82	21.703,90
25.03.2019	21:00:00	13.770,77	13.272,66	21.072,99
25.03.2019	21:15:00	13.699,64	13.206,22	20.649,34
25.03.2019	21:30:00	14.516,87	14.005,90	21.289,21
25.03.2019	21:45:00	14.054,65	13.633,93	20.702,86
25.03.2019	22:00:00	13.560,50	13.161,16	19.996,96
25.03.2019	22:15:00	13.298,82	12.896,90	19.505,39
25.03.2019	22:30:00	13.062,80	12.657,53	19.173,93
25.03.2019	22:45:00	13.188,07	12.796,93	18.918,20
25.03.2019	23:00:00	13.203,46	12.787,68	18.727,51
25.03.2019	23:15:00	12.440,98	12.061,64	17.797,64
25.03.2019	23:30:00	11.797,56	11.363,81	16.985,99
25.03.2019	23:45:00	11.418,17	11.021,45	16.438,70
26.03.2019	00:00:00	10.828,79	10.390,92	15.851,53
26.03.2019	00:15:00	10.430,15	10.015,92	15.401,68
26.03.2019	00:30:00	9.910,47	9.474,90	14.735,05
26.03.2019	00:45:00	9.739,33	9.303,31	14.773,37
26.03.2019	01:00:00	9.375,81	8.952,29	14.417,22
26.03.2019	01:15:00	9.212,40	8.710,39	14.169,68
26.03.2019	01:30:00	9.093,15	8.567,95	13.985,94
26.03.2019	01:45:00	9.006,40	8.439,97	13.765,84
26.03.2019	02:00:00	9.133,18	8.567,98	13.729,07
26.03.2019	02:15:00	8.944,85	8.556,58	13.709,41
26.03.2019	02:30:00	9.011,78	8.658,56	13.838,09
26.03.2019	02:45:00	8.916,33	8.561,30	13.722,78
26.03.2019	03:00:00	8.968,71	8.622,15	13.790,95
26.03.2019	03:15:00	8.779,67	8.425,82	13.576,89
26.03.2019	03:30:00	8.890,90	8.524,03	13.668,00
26.03.2019	03:45:00	9.069,30	8.704,53	13.920,39
26.03.2019	04:00:00	9.130,78	8.769,54	13.923,34
26.03.2019	04:15:00	9.300,99	8.952,41	14.144,37
26.03.2019	04:30:00	9.171,66	8.763,72	14.176,28
26.03.2019	04:45:00	9.226,35	8.685,14	14.114,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.03.2019	05:00:00	9.254,55	8.719,11	14.467,12
26.03.2019	05:15:00	9.626,61	9.110,49	15.451,25
26.03.2019	05:30:00	9.609,92	9.111,59	15.550,90
26.03.2019	05:45:00	10.062,45	9.585,64	16.466,36
26.03.2019	06:00:00	10.363,67	9.885,28	17.355,51
26.03.2019	06:15:00	10.352,51	9.864,19	18.956,37
26.03.2019	06:30:00	10.178,97	9.692,34	19.712,91
26.03.2019	06:45:00	10.071,45	9.538,64	19.924,80
26.03.2019	07:00:00	10.375,11	9.765,36	20.726,75
26.03.2019	07:15:00	10.761,23	10.122,96	21.546,15
26.03.2019	07:30:00	10.927,83	10.166,01	22.062,11
26.03.2019	07:45:00	10.866,16	10.106,23	22.349,78
26.03.2019	08:00:00	10.985,54	10.193,04	22.780,32
26.03.2019	08:15:00	11.133,28	10.306,71	23.180,84
26.03.2019	08:30:00	11.225,31	10.463,89	23.681,04
26.03.2019	08:45:00	11.617,58	10.849,41	24.404,54
26.03.2019	09:00:00	11.882,42	10.950,60	24.460,19
26.03.2019	09:15:00	12.852,49	11.922,64	24.636,20
26.03.2019	09:30:00	12.500,68	11.253,26	23.700,80
26.03.2019	09:45:00	12.725,93	11.034,80	24.017,98
26.03.2019	10:00:00	12.512,55	10.536,94	23.777,18
26.03.2019	10:15:00	12.576,72	10.117,26	23.041,20
26.03.2019	10:30:00	12.687,74	9.847,23	22.950,44
26.03.2019	10:45:00	12.708,16	9.945,60	23.184,83
26.03.2019	11:00:00	12.937,21	10.968,10	24.520,22
26.03.2019	11:15:00	13.130,44	11.398,61	24.847,16
26.03.2019	11:30:00	13.425,44	11.639,97	25.092,68
26.03.2019	11:45:00	13.420,60	11.319,57	24.444,79
26.03.2019	12:00:00	13.391,60	9.755,63	22.443,26
26.03.2019	12:15:00	13.498,94	10.541,52	22.816,76
26.03.2019	12:30:00	14.124,96	12.192,10	24.092,29
26.03.2019	12:45:00	13.799,59	11.835,53	23.784,29
26.03.2019	13:00:00	12.579,23	9.691,75	21.683,16
26.03.2019	13:15:00	12.455,44	8.987,31	21.273,93
26.03.2019	13:30:00	13.257,94	10.158,09	22.708,07
26.03.2019	13:45:00	12.048,22	9.386,09	21.531,54
26.03.2019	14:00:00	12.564,30	8.200,59	20.243,20
26.03.2019	14:15:00	12.858,34	8.315,74	20.360,55
26.03.2019	14:30:00	12.218,19	8.781,20	20.879,11
26.03.2019	14:45:00	11.915,79	10.086,98	22.159,16
26.03.2019	15:00:00	11.954,34	10.231,64	22.261,67
26.03.2019	15:15:00	11.320,44	9.864,26	21.380,80
26.03.2019	15:30:00	11.516,43	10.009,25	21.165,96
26.03.2019	15:45:00	11.165,02	9.675,28	20.625,46
26.03.2019	16:00:00	11.084,69	8.912,01	19.462,82
26.03.2019	16:15:00	12.388,19	9.344,81	19.507,59
26.03.2019	16:30:00	12.410,39	9.403,02	19.430,68
26.03.2019	16:45:00	11.932,92	9.917,60	19.730,63
26.03.2019	17:00:00	12.167,94	10.314,22	19.890,88
26.03.2019	17:15:00	12.950,06	10.525,55	20.056,32
26.03.2019	17:30:00	12.611,32	11.465,93	20.743,13
26.03.2019	17:45:00	12.942,64	11.880,77	21.282,16
26.03.2019	18:00:00	13.297,71	12.380,21	21.418,06
26.03.2019	18:15:00	13.268,67	12.447,03	21.259,19
26.03.2019	18:30:00	13.361,44	12.715,95	21.229,50
26.03.2019	18:45:00	13.687,50	13.142,89	21.646,69
26.03.2019	19:00:00	14.228,32	13.710,01	22.109,67
26.03.2019	19:15:00	15.251,86	14.728,51	23.094,85
26.03.2019	19:30:00	15.683,87	15.155,18	23.729,45
26.03.2019	19:45:00	15.637,26	15.101,04	23.532,24
26.03.2019	20:00:00	15.263,94	14.720,08	22.889,10
26.03.2019	20:15:00	15.078,54	14.532,57	22.621,04
26.03.2019	20:30:00	14.848,78	14.295,56	22.105,67
26.03.2019	20:45:00	14.533,75	13.971,62	21.749,12
26.03.2019	21:00:00	14.049,78	13.481,30	21.240,80
26.03.2019	21:15:00	13.884,26	13.309,19	20.902,88
26.03.2019	21:30:00	14.850,34	14.285,63	21.673,61
26.03.2019	21:45:00	14.176,25	13.602,94	20.746,98
26.03.2019	22:00:00	13.667,34	13.088,30	19.808,46
26.03.2019	22:15:00	13.386,09	12.802,21	19.249,42
26.03.2019	22:30:00	12.986,45	12.397,29	18.575,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.03.2019	22:45:00	13.063,47	12.474,02	18.495,63
26.03.2019	23:00:00	12.906,33	12.311,47	18.138,34
26.03.2019	23:15:00	12.162,29	11.585,94	17.069,47
26.03.2019	23:30:00	11.515,27	10.957,76	16.376,70
26.03.2019	23:45:00	10.849,38	10.283,70	15.638,56
27.03.2019	00:00:00	10.369,99	9.906,13	15.132,05
27.03.2019	00:15:00	9.852,61	9.350,77	14.474,52
27.03.2019	00:30:00	9.270,11	8.802,72	13.880,34
27.03.2019	00:45:00	8.821,72	8.301,28	13.370,36
27.03.2019	01:00:00	8.637,45	8.140,08	13.328,60
27.03.2019	01:15:00	8.381,65	7.940,40	13.044,66
27.03.2019	01:30:00	8.168,56	7.850,25	13.046,46
27.03.2019	01:45:00	8.133,81	7.823,38	12.953,21
27.03.2019	02:00:00	8.062,62	7.753,37	12.736,20
27.03.2019	02:15:00	8.028,13	7.717,86	12.840,66
27.03.2019	02:30:00	8.084,95	7.778,24	12.857,43
27.03.2019	02:45:00	8.197,12	7.884,03	13.055,79
27.03.2019	03:00:00	8.280,14	7.846,36	13.065,12
27.03.2019	03:15:00	8.201,02	7.808,44	12.988,69
27.03.2019	03:30:00	8.185,04	7.748,44	12.884,60
27.03.2019	03:45:00	8.277,56	7.884,78	13.085,93
27.03.2019	04:00:00	8.354,34	7.935,72	13.099,84
27.03.2019	04:15:00	8.563,25	8.147,42	13.390,50
27.03.2019	04:30:00	8.478,87	8.075,07	13.567,94
27.03.2019	04:45:00	8.614,14	8.212,12	13.835,11
27.03.2019	05:00:00	8.826,50	8.429,12	14.177,14
27.03.2019	05:15:00	9.142,86	8.638,84	14.751,00
27.03.2019	05:30:00	9.266,15	8.704,01	15.150,49
27.03.2019	05:45:00	9.793,27	9.249,00	16.142,56
27.03.2019	06:00:00	10.150,27	9.608,71	16.993,05
27.03.2019	06:15:00	10.093,50	9.537,81	18.339,41
27.03.2019	06:30:00	10.152,71	9.592,43	19.416,38
27.03.2019	06:45:00	10.143,93	9.503,69	20.075,44
27.03.2019	07:00:00	10.302,87	9.581,11	20.654,05
27.03.2019	07:15:00	10.622,11	9.845,43	21.208,25
27.03.2019	07:30:00	10.777,25	9.988,10	21.931,72
27.03.2019	07:45:00	11.070,18	10.208,24	22.188,64
27.03.2019	08:00:00	11.321,58	10.301,54	22.692,78
27.03.2019	08:15:00	11.566,74	10.415,24	23.250,28
27.03.2019	08:30:00	11.733,39	10.406,58	23.426,01
27.03.2019	08:45:00	11.720,06	10.312,73	23.331,54
27.03.2019	09:00:00	11.931,40	10.409,58	23.327,75
27.03.2019	09:15:00	12.414,07	10.974,27	23.361,71
27.03.2019	09:30:00	12.390,21	10.801,77	23.469,45
27.03.2019	09:45:00	12.379,27	10.749,81	24.022,06
27.03.2019	10:00:00	11.809,37	9.812,08	23.103,10
27.03.2019	10:15:00	12.818,65	8.619,64	21.822,68
27.03.2019	10:30:00	12.941,55	8.481,65	21.679,79
27.03.2019	10:45:00	12.339,54	7.280,11	20.711,34
27.03.2019	11:00:00	13.109,08	7.783,17	21.415,50
27.03.2019	11:15:00	11.905,90	8.601,97	22.317,94
27.03.2019	11:30:00	11.764,29	9.663,05	23.523,39
27.03.2019	11:45:00	11.939,01	9.785,28	23.512,66
27.03.2019	12:00:00	11.338,43	9.473,17	22.747,42
27.03.2019	12:15:00	11.548,52	9.639,92	22.346,58
27.03.2019	12:30:00	12.758,46	10.705,86	23.112,26
27.03.2019	12:45:00	13.461,35	10.700,93	23.027,29
27.03.2019	13:00:00	11.994,27	9.110,08	21.594,20
27.03.2019	13:15:00	12.551,55	8.614,91	21.404,07
27.03.2019	13:30:00	12.347,77	9.624,52	22.775,95
27.03.2019	13:45:00	10.780,77	8.438,84	21.306,38
27.03.2019	14:00:00	13.614,13	7.717,19	20.420,88
27.03.2019	14:15:00	11.993,21	9.743,94	22.422,86
27.03.2019	14:30:00	12.100,08	10.825,86	23.476,89
27.03.2019	14:45:00	11.927,82	10.540,32	23.323,97
27.03.2019	15:00:00	11.969,45	10.107,33	22.594,72
27.03.2019	15:15:00	12.117,65	10.072,30	22.144,96
27.03.2019	15:30:00	11.916,87	9.934,16	21.608,36
27.03.2019	15:45:00	13.136,47	9.302,84	20.603,70
27.03.2019	16:00:00	13.265,90	9.863,38	20.957,20
27.03.2019	16:15:00	11.714,77	10.085,57	20.799,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.03.2019	16:30:00	12.615,57	9.344,21	19.718,44
27.03.2019	16:45:00	11.881,00	10.379,55	20.449,68
27.03.2019	17:00:00	12.254,86	11.077,82	21.171,04
27.03.2019	17:15:00	12.676,77	11.792,22	21.646,20
27.03.2019	17:30:00	12.822,43	12.037,85	21.801,68
27.03.2019	17:45:00	12.919,39	12.149,72	21.817,09
27.03.2019	18:00:00	13.234,65	12.521,02	22.082,07
27.03.2019	18:15:00	13.247,52	12.602,71	21.678,79
27.03.2019	18:30:00	13.436,82	12.866,91	21.748,84
27.03.2019	18:45:00	13.520,17	12.994,23	21.700,48
27.03.2019	19:00:00	13.970,34	13.475,35	22.046,34
27.03.2019	19:15:00	14.946,73	14.460,34	23.211,47
27.03.2019	19:30:00	15.272,47	14.735,33	23.385,44
27.03.2019	19:45:00	15.183,64	14.681,57	23.126,78
27.03.2019	20:00:00	14.902,56	14.353,83	22.622,14
27.03.2019	20:15:00	14.821,94	14.263,75	22.361,90
27.03.2019	20:30:00	14.468,89	13.910,18	21.814,48
27.03.2019	20:45:00	14.266,55	13.702,34	21.516,57
27.03.2019	21:00:00	13.835,70	13.268,45	21.118,03
27.03.2019	21:15:00	13.801,54	13.229,79	20.903,26
27.03.2019	21:30:00	14.663,46	14.121,31	21.733,25
27.03.2019	21:45:00	14.097,59	13.541,49	20.892,92
27.03.2019	22:00:00	13.575,06	12.991,96	20.314,52
27.03.2019	22:15:00	13.357,63	12.810,61	19.766,48
27.03.2019	22:30:00	12.977,21	12.390,23	19.116,60
27.03.2019	22:45:00	13.116,25	12.554,57	18.772,01
27.03.2019	23:00:00	12.958,51	12.378,97	18.479,30
27.03.2019	23:15:00	12.405,57	11.828,86	17.707,63
27.03.2019	23:30:00	11.855,25	11.282,92	17.032,00
27.03.2019	23:45:00	11.192,62	10.713,41	16.453,16
28.03.2019	00:00:00	10.676,10	10.190,24	15.885,38
28.03.2019	00:15:00	10.071,84	9.562,66	15.147,82
28.03.2019	00:30:00	9.738,89	9.236,14	14.706,78
28.03.2019	00:45:00	9.374,50	8.866,18	14.419,71
28.03.2019	01:00:00	9.192,18	8.688,41	14.228,50
28.03.2019	01:15:00	9.140,59	8.656,61	14.204,48
28.03.2019	01:30:00	8.982,75	8.459,62	13.975,00
28.03.2019	01:45:00	8.883,64	8.367,46	13.866,89
28.03.2019	02:00:00	8.956,43	8.443,26	13.851,94
28.03.2019	02:15:00	9.022,17	8.509,35	13.999,54
28.03.2019	02:30:00	9.090,30	8.557,17	14.007,48
28.03.2019	02:45:00	9.106,36	8.498,96	13.855,73
28.03.2019	03:00:00	9.081,46	8.443,20	13.848,91
28.03.2019	03:15:00	9.101,04	8.475,79	13.856,62
28.03.2019	03:30:00	9.150,67	8.513,01	13.915,43
28.03.2019	03:45:00	9.261,43	8.628,54	14.011,62
28.03.2019	04:00:00	9.339,14	8.718,40	14.173,89
28.03.2019	04:15:00	9.645,82	9.032,91	14.542,07
28.03.2019	04:30:00	9.720,60	9.120,69	14.642,05
28.03.2019	04:45:00	9.688,36	9.082,39	14.769,75
28.03.2019	05:00:00	9.739,90	9.141,62	15.032,24
28.03.2019	05:15:00	10.138,97	9.552,99	15.876,74
28.03.2019	05:30:00	9.991,72	9.424,30	16.001,06
28.03.2019	05:45:00	10.494,86	9.943,36	16.799,44
28.03.2019	06:00:00	10.751,39	10.208,56	17.774,63
28.03.2019	06:15:00	10.451,74	9.900,17	18.761,42
28.03.2019	06:30:00	10.567,20	9.979,33	19.695,11
28.03.2019	06:45:00	10.438,21	9.771,08	20.140,85
28.03.2019	07:00:00	10.136,59	9.433,95	20.354,08
28.03.2019	07:15:00	10.325,06	9.562,32	21.028,86
28.03.2019	07:30:00	10.057,82	9.227,11	21.108,80
28.03.2019	07:45:00	9.986,38	8.951,51	20.913,56
28.03.2019	08:00:00	9.912,67	8.619,00	20.948,86
28.03.2019	08:15:00	10.177,04	8.577,67	21.207,22
28.03.2019	08:30:00	10.101,64	8.106,72	20.951,90
28.03.2019	08:45:00	10.248,33	7.847,98	20.389,05
28.03.2019	09:00:00	10.589,08	7.782,31	20.496,02
28.03.2019	09:15:00	11.247,75	8.021,36	20.130,56
28.03.2019	09:30:00	10.987,33	7.362,23	19.414,69
28.03.2019	09:45:00	10.910,38	6.916,94	19.681,26
28.03.2019	10:00:00	11.123,87	6.805,45	19.576,57

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.03.2019	10:15:00	11.145,38	6.536,61	19.262,00
28.03.2019	10:30:00	11.333,36	6.364,32	19.140,06
28.03.2019	10:45:00	11.296,71	6.054,65	18.910,17
28.03.2019	11:00:00	11.285,02	5.808,17	18.735,88
28.03.2019	11:15:00	11.580,74	5.875,27	18.955,14
28.03.2019	11:30:00	11.872,92	5.943,50	18.963,11
28.03.2019	11:45:00	12.108,50	6.079,30	18.892,41
28.03.2019	12:00:00	12.325,87	6.152,74	18.970,09
28.03.2019	12:15:00	12.398,87	6.247,74	18.373,23
28.03.2019	12:30:00	12.615,33	6.909,41	18.546,68
28.03.2019	12:45:00	11.822,35	7.691,78	19.225,27
28.03.2019	13:00:00	11.754,34	7.888,59	19.536,36
28.03.2019	13:15:00	11.326,50	8.261,52	20.324,99
28.03.2019	13:30:00	11.631,98	8.116,58	20.423,06
28.03.2019	13:45:00	12.030,92	9.292,91	21.563,30
28.03.2019	14:00:00	11.534,50	8.733,14	20.943,94
28.03.2019	14:15:00	11.238,72	8.247,84	20.358,47
28.03.2019	14:30:00	11.194,40	7.973,43	20.099,25
28.03.2019	14:45:00	11.694,87	7.803,52	19.884,78
28.03.2019	15:00:00	11.437,86	8.596,71	20.782,73
28.03.2019	15:15:00	11.476,73	9.217,15	20.837,19
28.03.2019	15:30:00	11.843,89	8.450,92	19.695,16
28.03.2019	15:45:00	11.638,80	9.446,14	20.500,90
28.03.2019	16:00:00	11.341,45	9.523,63	20.409,88
28.03.2019	16:15:00	11.528,97	9.914,50	20.403,12
28.03.2019	16:30:00	12.078,49	9.798,75	20.065,18
28.03.2019	16:45:00	12.236,29	9.771,86	19.788,73
28.03.2019	17:00:00	11.555,48	10.522,31	20.325,46
28.03.2019	17:15:00	12.200,91	11.213,00	20.909,75
28.03.2019	17:30:00	12.505,30	11.919,94	21.317,48
28.03.2019	17:45:00	12.821,60	12.230,90	21.436,58
28.03.2019	18:00:00	13.128,94	12.505,57	21.541,76
28.03.2019	18:15:00	13.114,20	12.533,80	21.414,62
28.03.2019	18:30:00	13.218,81	12.707,66	21.328,82
28.03.2019	18:45:00	13.337,70	12.799,75	21.261,22
28.03.2019	19:00:00	13.541,33	13.032,28	21.441,12
28.03.2019	19:15:00	14.333,95	13.843,00	22.461,72
28.03.2019	19:30:00	15.109,21	14.695,21	23.474,00
28.03.2019	19:45:00	15.003,61	14.570,02	23.126,48
28.03.2019	20:00:00	14.747,71	14.326,34	22.658,90
28.03.2019	20:15:00	14.058,19	13.621,20	21.769,32
28.03.2019	20:30:00	13.998,58	13.541,27	21.471,20
28.03.2019	20:45:00	13.863,01	13.399,78	21.149,60
28.03.2019	21:00:00	13.327,42	12.858,50	20.523,67
28.03.2019	21:15:00	13.217,42	12.742,14	20.286,64
28.03.2019	21:30:00	13.558,97	13.086,30	20.444,29
28.03.2019	21:45:00	12.988,71	12.511,99	19.714,03
28.03.2019	22:00:00	12.694,27	12.213,29	19.346,10
28.03.2019	22:15:00	12.384,21	11.896,24	18.759,09
28.03.2019	22:30:00	11.974,52	11.485,51	18.073,85
28.03.2019	22:45:00	12.093,06	11.501,11	17.674,46
28.03.2019	23:00:00	11.962,84	11.358,87	17.371,55
28.03.2019	23:15:00	11.198,60	10.588,32	16.351,67
28.03.2019	23:30:00	10.517,60	9.893,14	15.626,90
28.03.2019	23:45:00	10.027,31	9.400,83	14.862,76
29.03.2019	00:00:00	9.396,74	8.766,40	14.334,18
29.03.2019	00:15:00	8.940,46	8.306,39	13.786,70
29.03.2019	00:30:00	8.546,50	7.909,00	13.336,76
29.03.2019	00:45:00	8.257,03	7.617,85	13.046,98
29.03.2019	01:00:00	7.939,86	7.298,46	12.772,87
29.03.2019	01:15:00	7.689,78	7.043,57	12.564,38
29.03.2019	01:30:00	7.714,46	7.067,81	12.537,89
29.03.2019	01:45:00	7.652,11	7.048,61	12.431,43
29.03.2019	02:00:00	7.595,84	6.996,45	12.295,41
29.03.2019	02:15:00	7.545,88	6.949,05	12.133,22
29.03.2019	02:30:00	7.449,02	6.846,78	12.077,19
29.03.2019	02:45:00	7.216,01	6.568,69	11.850,46
29.03.2019	03:00:00	7.170,93	6.561,20	11.851,06
29.03.2019	03:15:00	7.116,94	6.503,78	11.722,28
29.03.2019	03:30:00	7.234,43	6.730,54	11.881,87
29.03.2019	03:45:00	7.379,56	6.854,51	11.977,75

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.03.2019	04:00:00	7.529,95	7.035,26	12.145,10
29.03.2019	04:15:00	7.774,20	7.255,78	12.470,18
29.03.2019	04:30:00	7.900,05	7.402,43	12.704,11
29.03.2019	04:45:00	7.834,26	7.332,14	12.746,16
29.03.2019	05:00:00	7.980,12	7.482,87	13.156,87
29.03.2019	05:15:00	8.480,88	8.002,65	14.140,22
29.03.2019	05:30:00	8.578,71	8.115,15	14.536,08
29.03.2019	05:45:00	9.165,36	8.713,64	15.409,77
29.03.2019	06:00:00	9.308,13	8.772,02	16.007,79
29.03.2019	06:15:00	9.481,83	8.929,30	17.424,12
29.03.2019	06:30:00	9.708,11	9.094,61	18.360,41
29.03.2019	06:45:00	9.800,05	9.107,41	18.688,94
29.03.2019	07:00:00	9.623,70	8.878,37	19.178,96
29.03.2019	07:15:00	9.687,15	8.883,87	19.737,50
29.03.2019	07:30:00	9.653,85	8.775,34	20.167,16
29.03.2019	07:45:00	9.868,98	8.798,10	20.255,57
29.03.2019	08:00:00	9.741,20	8.474,86	20.130,33
29.03.2019	08:15:00	9.965,28	8.435,59	20.262,02
29.03.2019	08:30:00	9.975,48	8.040,99	20.121,88
29.03.2019	08:45:00	10.055,94	7.718,62	20.118,73
29.03.2019	09:00:00	10.127,60	7.508,37	19.708,57
29.03.2019	09:15:00	10.606,55	7.495,54	19.022,84
29.03.2019	09:30:00	10.855,44	7.143,93	18.741,49
29.03.2019	09:45:00	10.792,45	6.685,88	18.685,36
29.03.2019	10:00:00	10.939,34	6.556,79	18.502,16
29.03.2019	10:15:00	11.080,91	6.390,77	18.188,82
29.03.2019	10:30:00	10.992,77	5.953,14	17.921,27
29.03.2019	10:45:00	11.374,26	6.052,31	18.134,79
29.03.2019	11:00:00	10.380,01	6.132,52	18.186,52
29.03.2019	11:15:00	11.462,17	5.758,28	17.667,07
29.03.2019	11:30:00	11.803,39	5.817,76	17.680,52
29.03.2019	11:45:00	12.255,19	6.128,43	17.770,21
29.03.2019	12:00:00	12.053,60	5.839,95	17.110,20
29.03.2019	12:15:00	12.335,47	6.072,72	17.022,85
29.03.2019	12:30:00	12.650,45	6.256,48	16.555,46
29.03.2019	12:45:00	12.080,94	5.830,86	16.073,38
29.03.2019	13:00:00	12.085,78	5.728,66	15.975,50
29.03.2019	13:15:00	12.070,00	5.703,07	16.006,98
29.03.2019	13:30:00	11.961,98	5.629,37	15.924,07
29.03.2019	13:45:00	11.615,82	5.316,53	15.688,15
29.03.2019	14:00:00	11.644,81	5.438,07	15.643,85
29.03.2019	14:15:00	11.674,95	5.552,75	15.668,40
29.03.2019	14:30:00	11.544,22	5.566,05	15.660,58
29.03.2019	14:45:00	11.484,39	5.678,07	15.946,16
29.03.2019	15:00:00	11.369,05	5.705,39	15.942,22
29.03.2019	15:15:00	11.562,89	6.097,83	16.109,58
29.03.2019	15:30:00	11.550,33	6.351,46	16.015,26
29.03.2019	15:45:00	11.590,19	6.677,45	16.305,68
29.03.2019	16:00:00	11.645,50	7.029,32	16.490,28
29.03.2019	16:15:00	11.730,65	7.412,92	16.601,16
29.03.2019	16:30:00	11.776,69	7.798,49	16.821,59
29.03.2019	16:45:00	11.965,45	8.458,55	17.398,84
29.03.2019	17:00:00	12.199,80	9.032,66	17.854,14
29.03.2019	17:15:00	12.217,93	9.475,58	18.115,25
29.03.2019	17:30:00	12.202,55	9.948,72	18.385,93
29.03.2019	17:45:00	11.976,36	10.473,24	18.732,37
29.03.2019	18:00:00	11.803,51	10.995,92	19.114,20
29.03.2019	18:15:00	11.903,69	11.298,07	19.290,45
29.03.2019	18:30:00	11.998,14	11.351,85	19.271,26
29.03.2019	18:45:00	12.203,23	11.596,02	19.435,22
29.03.2019	19:00:00	12.703,20	12.152,35	19.951,71
29.03.2019	19:15:00	13.659,48	13.113,47	20.656,88
29.03.2019	19:30:00	14.463,35	13.901,15	21.388,86
29.03.2019	19:45:00	14.212,69	13.647,42	20.980,84
29.03.2019	20:00:00	14.089,14	13.524,26	20.680,66
29.03.2019	20:15:00	13.955,97	13.391,55	20.270,61
29.03.2019	20:30:00	13.434,01	12.861,66	19.784,49
29.03.2019	20:45:00	13.190,88	12.609,67	19.287,26
29.03.2019	21:00:00	12.637,30	12.051,98	18.660,22
29.03.2019	21:15:00	12.681,50	12.139,39	18.677,24
29.03.2019	21:30:00	13.444,04	12.913,90	19.364,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.03.2019	21:45:00	13.093,05	12.557,19	19.078,40
29.03.2019	22:00:00	12.818,18	12.278,62	18.680,88
29.03.2019	22:15:00	12.807,43	12.238,72	18.366,98
29.03.2019	22:30:00	12.838,01	12.288,22	18.312,28
29.03.2019	22:45:00	12.816,59	12.345,22	18.203,52
29.03.2019	23:00:00	12.569,56	12.088,84	17.823,14
29.03.2019	23:15:00	11.981,28	11.500,76	16.790,15
29.03.2019	23:30:00	11.411,42	10.926,79	16.062,43
29.03.2019	23:45:00	10.860,14	10.403,52	15.532,10
30.03.2019	00:00:00	10.180,99	9.672,05	14.697,99
30.03.2019	00:15:00	9.634,47	9.164,53	14.202,00
30.03.2019	00:30:00	9.143,43	8.630,54	13.719,33
30.03.2019	00:45:00	8.854,42	8.335,69	13.385,25
30.03.2019	01:00:00	8.525,79	8.011,48	12.973,45
30.03.2019	01:15:00	8.321,96	7.806,10	12.656,23
30.03.2019	01:30:00	8.255,32	7.758,11	12.589,08
30.03.2019	01:45:00	8.089,98	7.797,36	12.572,84
30.03.2019	02:00:00	7.994,52	7.671,80	12.486,73
30.03.2019	02:15:00	7.839,46	7.527,39	12.304,34
30.03.2019	02:30:00	7.883,52	7.537,63	12.249,37
30.03.2019	02:45:00	7.910,72	7.487,30	12.122,70
30.03.2019	03:00:00	8.014,20	7.586,80	12.179,14
30.03.2019	03:15:00	7.897,18	7.498,11	11.956,00
30.03.2019	03:30:00	8.036,10	7.597,41	12.003,58
30.03.2019	03:45:00	8.190,35	7.613,34	12.031,90
30.03.2019	04:00:00	8.353,51	7.713,02	12.059,68
30.03.2019	04:15:00	8.622,81	8.006,33	12.351,27
30.03.2019	04:30:00	8.574,74	7.973,32	12.431,16
30.03.2019	04:45:00	8.525,59	7.923,95	12.392,42
30.03.2019	05:00:00	8.765,46	8.201,31	12.735,48
30.03.2019	05:15:00	8.766,61	8.170,25	12.864,36
30.03.2019	05:30:00	8.563,13	7.969,90	12.779,30
30.03.2019	05:45:00	8.951,48	8.369,46	13.218,49
30.03.2019	06:00:00	8.863,52	8.433,36	13.370,97
30.03.2019	06:15:00	8.624,50	8.249,03	13.370,60
30.03.2019	06:30:00	8.511,47	8.092,46	13.214,99
30.03.2019	06:45:00	8.316,26	7.794,72	12.954,69
30.03.2019	07:00:00	8.171,73	7.383,20	12.589,69
30.03.2019	07:15:00	8.410,01	7.538,83	12.797,38
30.03.2019	07:30:00	8.296,06	7.318,26	12.675,37
30.03.2019	07:45:00	8.489,73	7.370,57	12.745,50
30.03.2019	08:00:00	8.663,91	7.288,55	12.813,04
30.03.2019	08:15:00	9.084,68	7.370,45	13.136,80
30.03.2019	08:30:00	9.111,20	7.077,54	12.868,42
30.03.2019	08:45:00	9.549,57	7.176,84	12.981,55
30.03.2019	09:00:00	9.800,50	7.020,85	12.881,57
30.03.2019	09:15:00	10.196,57	7.008,81	12.726,88
30.03.2019	09:30:00	10.352,89	6.809,73	12.590,16
30.03.2019	09:45:00	10.445,24	6.534,84	12.426,76
30.03.2019	10:00:00	10.607,03	6.386,17	12.076,59
30.03.2019	10:15:00	10.740,55	6.274,80	11.934,93
30.03.2019	10:30:00	10.862,42	6.077,67	11.712,21
30.03.2019	10:45:00	10.970,15	5.912,94	11.626,36
30.03.2019	11:00:00	11.046,49	5.791,89	11.422,33
30.03.2019	11:15:00	11.173,39	5.734,49	11.349,77
30.03.2019	11:30:00	11.340,11	5.737,00	11.283,74
30.03.2019	11:45:00	11.370,75	5.531,22	10.988,04
30.03.2019	12:00:00	11.484,07	5.529,80	11.037,16
30.03.2019	12:15:00	11.624,13	5.615,79	10.903,32
30.03.2019	12:30:00	11.765,26	5.707,17	11.027,10
30.03.2019	12:45:00	11.723,74	5.645,26	10.857,13
30.03.2019	13:00:00	11.486,71	5.302,24	10.473,72
30.03.2019	13:15:00	11.425,32	5.181,20	10.306,28
30.03.2019	13:30:00	11.466,67	5.348,60	10.397,63
30.03.2019	13:45:00	11.275,41	5.219,35	10.292,06
30.03.2019	14:00:00	11.032,07	5.040,29	9.986,76
30.03.2019	14:15:00	10.910,03	5.023,99	9.911,52
30.03.2019	14:30:00	10.793,81	5.073,21	9.937,59
30.03.2019	14:45:00	10.672,94	5.082,55	9.808,44
30.03.2019	15:00:00	10.802,55	5.344,49	10.064,96
30.03.2019	15:15:00	10.712,15	5.457,46	10.167,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.03.2019	15:30:00	10.443,22	5.593,29	10.177,38
30.03.2019	15:45:00	10.476,79	5.858,85	10.557,26
30.03.2019	16:00:00	10.575,23	6.218,36	10.914,69
30.03.2019	16:15:00	10.571,10	6.555,64	11.403,13
30.03.2019	16:30:00	10.648,37	6.895,30	11.710,47
30.03.2019	16:45:00	10.754,38	7.367,44	12.177,20
30.03.2019	17:00:00	10.867,69	7.829,77	12.668,84
30.03.2019	17:15:00	10.906,23	8.090,85	12.887,76
30.03.2019	17:30:00	10.993,53	8.605,65	13.424,97
30.03.2019	17:45:00	10.943,29	9.255,83	14.101,36
30.03.2019	18:00:00	10.659,20	9.637,10	14.523,64
30.03.2019	18:15:00	10.772,04	10.031,87	14.871,42
30.03.2019	18:30:00	10.917,84	10.310,20	15.101,34
30.03.2019	18:45:00	11.165,58	10.660,56	15.441,34
30.03.2019	19:00:00	11.533,85	11.092,71	15.751,16
30.03.2019	19:15:00	12.203,32	11.775,89	16.609,95
30.03.2019	19:30:00	13.112,53	12.692,95	17.500,91
30.03.2019	19:45:00	13.214,73	12.797,50	17.438,14
30.03.2019	20:00:00	12.993,83	12.573,93	17.239,97
30.03.2019	20:15:00	12.916,00	12.496,79	17.015,44
30.03.2019	20:30:00	12.598,52	12.167,88	16.594,68
30.03.2019	20:45:00	12.487,29	12.054,70	16.528,14
30.03.2019	21:00:00	12.240,01	11.805,20	16.225,67
30.03.2019	21:15:00	12.030,90	11.521,28	15.855,10
30.03.2019	21:30:00	12.275,10	11.699,47	15.902,96
30.03.2019	21:45:00	11.756,43	11.154,36	15.394,23
30.03.2019	22:00:00	11.439,64	10.833,70	15.094,72
30.03.2019	22:15:00	11.506,60	10.897,68	15.049,69
30.03.2019	22:30:00	11.674,91	11.114,63	15.310,94
30.03.2019	22:45:00	11.688,77	11.103,63	15.233,54
30.03.2019	23:00:00	11.659,94	11.086,64	15.234,03
30.03.2019	23:15:00	11.330,26	10.753,70	14.735,46
30.03.2019	23:30:00	10.629,17	10.015,41	13.962,44
30.03.2019	23:45:00	10.138,38	9.520,36	13.222,96
31.03.2019	00:00:00	9.612,15	8.996,73	12.646,41
31.03.2019	00:15:00	9.230,45	8.634,20	12.383,00
31.03.2019	00:30:00	8.795,25	8.183,85	11.834,95
31.03.2019	00:45:00	8.326,34	7.696,28	11.416,47
31.03.2019	01:00:00	8.027,64	7.544,52	11.162,58
31.03.2019	01:15:00	7.808,42	7.278,79	10.960,89
31.03.2019	01:30:00	7.674,83	7.147,46	10.846,01
31.03.2019	01:45:00	7.599,33	7.077,58	10.686,88
31.03.2019	02:00:00	7.443,36	6.919,94	10.539,24
31.03.2019	03:15:00	7.112,46	6.620,86	10.278,58
31.03.2019	03:30:00	6.940,81	6.407,70	10.131,73
31.03.2019	03:45:00	7.011,84	6.506,82	10.213,62
31.03.2019	04:00:00	7.000,90	6.470,40	10.085,33
31.03.2019	04:15:00	7.254,78	6.731,24	10.423,04
31.03.2019	04:30:00	7.447,04	6.933,51	10.675,57
31.03.2019	04:45:00	7.341,55	6.804,46	10.571,63
31.03.2019	05:00:00	7.434,28	6.943,57	10.643,68
31.03.2019	05:15:00	7.455,96	6.910,99	10.558,25
31.03.2019	05:30:00	6.992,96	6.365,53	10.101,64
31.03.2019	05:45:00	7.236,66	6.608,65	10.328,96
31.03.2019	06:00:00	7.351,52	6.726,37	10.487,91
31.03.2019	06:15:00	7.487,15	6.884,64	10.709,63
31.03.2019	06:30:00	7.487,67	6.876,92	10.812,43
31.03.2019	06:45:00	7.316,00	6.703,21	10.678,86
31.03.2019	07:00:00	6.705,46	6.093,64	10.123,53
31.03.2019	07:15:00	7.000,41	6.380,09	10.382,62
31.03.2019	07:30:00	7.145,15	6.435,56	10.461,20
31.03.2019	07:45:00	7.512,72	6.734,55	10.659,58
31.03.2019	08:00:00	7.636,24	6.782,32	10.712,48
31.03.2019	08:15:00	7.753,21	6.814,40	10.780,57
31.03.2019	08:30:00	7.594,54	6.583,35	10.610,15
31.03.2019	08:45:00	7.652,98	6.410,79	10.269,90
31.03.2019	09:00:00	7.908,53	6.399,62	10.278,52
31.03.2019	09:15:00	7.998,94	6.170,92	9.996,03
31.03.2019	09:30:00	8.278,13	6.116,37	9.888,79
31.03.2019	09:45:00	8.738,75	6.170,05	9.954,83
31.03.2019	10:00:00	9.038,34	6.115,28	9.878,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.03.2019	10:15:00	9.283,87	5.933,82	9.662,84
31.03.2019	10:30:00	9.520,53	5.814,24	9.697,57
31.03.2019	10:45:00	9.840,06	5.908,04	9.793,92
31.03.2019	11:00:00	10.112,85	5.845,96	9.671,34
31.03.2019	11:15:00	10.281,69	5.703,20	9.470,20
31.03.2019	11:30:00	10.547,08	5.699,18	9.452,07
31.03.2019	11:45:00	10.822,11	5.691,08	9.556,65
31.03.2019	12:00:00	10.864,74	5.546,50	9.465,88
31.03.2019	12:15:00	11.083,85	5.504,49	9.389,60
31.03.2019	12:30:00	11.593,96	5.857,49	9.695,40
31.03.2019	12:45:00	11.379,28	5.449,13	9.325,07
31.03.2019	13:00:00	10.986,59	4.978,29	8.831,25
31.03.2019	13:15:00	10.857,39	4.822,89	8.756,89
31.03.2019	13:30:00	10.916,91	4.770,35	8.594,87
31.03.2019	13:45:00	10.574,58	4.470,84	8.297,91
31.03.2019	14:00:00	10.450,23	4.227,96	8.039,60
31.03.2019	14:15:00	10.139,08	3.881,56	7.677,23
31.03.2019	14:30:00	9.986,56	3.751,05	7.628,37
31.03.2019	14:45:00	9.663,95	3.320,49	7.230,48
31.03.2019	15:00:00	9.716,07	3.433,81	7.363,93
31.03.2019	15:15:00	8.741,47	3.494,28	7.545,03
31.03.2019	15:30:00	9.317,70	3.024,51	6.966,58
31.03.2019	15:45:00	9.314,20	3.291,86	7.105,28
31.03.2019	16:00:00	9.792,04	3.782,55	7.530,22
31.03.2019	16:15:00	8.829,34	5.118,97	8.782,74
31.03.2019	16:30:00	8.578,30	5.974,07	9.788,57
31.03.2019	16:45:00	10.675,97	5.627,16	9.404,67
31.03.2019	17:00:00	10.277,01	5.464,67	9.228,82
31.03.2019	17:15:00	10.151,34	5.658,39	9.437,52
31.03.2019	17:30:00	10.432,29	6.471,68	10.277,99
31.03.2019	17:45:00	10.945,92	7.504,23	11.382,87
31.03.2019	18:00:00	9.825,15	8.511,34	12.516,88
31.03.2019	18:15:00	10.552,52	8.587,11	12.683,54
31.03.2019	18:30:00	10.706,12	8.703,81	12.810,62
31.03.2019	18:45:00	10.674,14	9.278,87	13.388,25
31.03.2019	19:00:00	10.763,78	9.892,90	13.966,76
31.03.2019	19:15:00	11.073,47	10.258,20	14.250,06
31.03.2019	19:30:00	11.198,20	10.655,82	14.726,50
31.03.2019	19:45:00	11.189,72	10.786,67	14.938,25
31.03.2019	20:00:00	11.492,18	11.192,54	15.306,84
31.03.2019	20:15:00	12.203,09	11.925,86	15.978,25
31.03.2019	20:30:00	13.023,85	12.750,19	16.762,12
31.03.2019	20:45:00	12.875,85	12.605,19	16.657,17
31.03.2019	21:00:00	12.305,33	12.036,10	16.004,28
31.03.2019	21:15:00	12.090,99	11.808,94	15.906,90
31.03.2019	21:30:00	11.949,94	11.667,41	15.783,85
31.03.2019	21:45:00	11.462,14	11.173,06	15.336,27
31.03.2019	22:00:00	11.144,45	10.863,52	15.136,27
31.03.2019	22:15:00	10.843,27	10.565,32	14.854,46
31.03.2019	22:30:00	10.367,15	10.067,67	14.425,44
31.03.2019	22:45:00	9.889,73	9.546,41	13.824,90
31.03.2019	23:00:00	9.465,87	9.056,02	13.306,60
31.03.2019	23:15:00	8.953,09	8.567,55	12.789,00
31.03.2019	23:30:00	8.292,46	7.926,19	12.124,65
31.03.2019	23:45:00	7.891,99	7.508,56	11.756,20
01.04.2019	00:00:00	7.479,95	7.090,94	11.191,00
01.04.2019	00:15:00	7.207,84	6.815,25	10.968,88
01.04.2019	00:30:00	7.078,83	6.699,84	10.843,40
01.04.2019	00:45:00	6.870,70	6.464,93	10.715,29
01.04.2019	01:00:00	6.782,82	6.384,65	10.820,50
01.04.2019	01:15:00	6.719,01	6.299,88	10.742,14
01.04.2019	01:30:00	6.639,45	6.241,74	10.651,03
01.04.2019	01:45:00	6.448,94	6.002,94	10.265,83
01.04.2019	02:00:00	6.377,70	5.968,85	10.174,65
01.04.2019	02:15:00	6.342,04	5.892,39	10.036,19
01.04.2019	02:30:00	6.268,76	5.837,94	10.169,92
01.04.2019	02:45:00	6.242,18	5.819,68	10.125,69
01.04.2019	03:00:00	6.272,55	5.854,89	10.208,26
01.04.2019	03:15:00	6.312,22	5.968,84	10.196,67
01.04.2019	03:30:00	6.414,45	6.075,53	10.391,72
01.04.2019	03:45:00	6.602,63	6.265,81	10.447,36

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.04.2019	04:00:00	6.706,41	6.373,24	10.479,68
01.04.2019	04:15:00	7.020,90	6.687,40	10.910,40
01.04.2019	04:30:00	7.010,17	6.675,43	10.973,67
01.04.2019	04:45:00	7.068,46	6.737,42	11.162,28
01.04.2019	05:00:00	7.178,72	6.850,76	11.495,99
01.04.2019	05:15:00	7.629,66	7.328,05	12.789,80
01.04.2019	05:30:00	7.626,77	7.354,12	13.557,94
01.04.2019	05:45:00	8.029,63	7.752,49	14.527,29
01.04.2019	06:00:00	8.555,73	8.004,61	15.167,32
01.04.2019	06:15:00	9.138,09	8.583,44	16.995,56
01.04.2019	06:30:00	9.577,27	9.036,41	18.394,87
01.04.2019	06:45:00	10.111,18	9.577,24	19.422,63
01.04.2019	07:00:00	10.450,73	9.947,90	20.260,51
01.04.2019	07:15:00	10.906,58	10.380,33	21.287,43
01.04.2019	07:30:00	11.204,43	10.619,44	21.945,16
01.04.2019	07:45:00	11.160,27	10.503,80	21.961,76
01.04.2019	08:00:00	10.910,78	10.166,99	21.991,01
01.04.2019	08:15:00	10.821,74	9.978,67	22.109,30
01.04.2019	08:30:00	10.833,13	9.847,63	22.134,96
01.04.2019	08:45:00	10.755,49	9.598,05	22.030,46
01.04.2019	09:00:00	10.642,74	9.243,59	21.717,54
01.04.2019	09:15:00	10.657,09	8.995,19	20.847,92
01.04.2019	09:30:00	10.627,22	8.731,86	20.587,66
01.04.2019	09:45:00	10.748,37	8.614,36	20.677,86
01.04.2019	10:00:00	10.717,93	8.182,30	20.410,88
01.04.2019	10:15:00	10.866,15	7.945,88	20.103,87
01.04.2019	10:30:00	10.967,61	7.572,01	19.662,72
01.04.2019	10:45:00	10.802,75	6.967,00	19.259,86
01.04.2019	11:00:00	10.971,25	6.869,46	19.584,90
01.04.2019	11:15:00	11.218,91	6.739,36	19.391,71
01.04.2019	11:30:00	11.350,23	6.600,28	19.072,01
01.04.2019	11:45:00	11.588,80	6.566,95	18.823,87
01.04.2019	12:00:00	11.775,38	6.573,84	18.484,83
01.04.2019	12:15:00	11.827,66	6.441,85	17.685,90
01.04.2019	12:30:00	12.149,48	6.550,15	17.473,79
01.04.2019	12:45:00	11.867,13	6.069,75	16.846,61
01.04.2019	13:00:00	11.696,07	5.732,27	17.002,68
01.04.2019	13:15:00	11.603,89	5.561,87	16.905,64
01.04.2019	13:30:00	11.364,19	5.304,96	16.523,61
01.04.2019	13:45:00	11.274,63	5.240,16	16.603,28
01.04.2019	14:00:00	11.286,25	5.417,54	16.985,10
01.04.2019	14:15:00	11.231,28	5.282,83	17.012,23
01.04.2019	14:30:00	10.616,93	5.178,14	17.008,84
01.04.2019	14:45:00	11.291,37	5.413,09	17.057,06
01.04.2019	15:00:00	11.135,24	5.344,54	16.831,14
01.04.2019	15:15:00	10.686,96	5.665,11	17.038,86
01.04.2019	15:30:00	11.253,24	5.613,04	16.817,55
01.04.2019	15:45:00	10.439,96	5.986,99	16.921,56
01.04.2019	16:00:00	10.495,30	6.605,94	17.414,94
01.04.2019	16:15:00	9.638,90	7.443,92	17.739,52
01.04.2019	16:30:00	12.415,23	7.816,81	18.088,63
01.04.2019	16:45:00	12.674,02	7.969,60	18.169,20
01.04.2019	17:00:00	12.439,37	8.395,57	18.478,53
01.04.2019	17:15:00	12.046,78	8.646,21	18.352,86
01.04.2019	17:30:00	12.555,92	9.027,63	18.437,92
01.04.2019	17:45:00	12.643,47	9.730,93	18.833,78
01.04.2019	18:00:00	12.571,38	10.024,41	19.060,18
01.04.2019	18:15:00	12.598,03	10.362,86	18.953,17
01.04.2019	18:30:00	11.971,11	10.685,49	18.928,18
01.04.2019	18:45:00	11.607,15	10.868,36	18.986,44
01.04.2019	19:00:00	11.632,82	10.882,51	19.050,97
01.04.2019	19:15:00	11.922,26	11.198,59	19.301,33
01.04.2019	19:30:00	12.063,15	11.495,74	19.594,39
01.04.2019	19:45:00	12.030,30	11.555,94	20.057,62
01.04.2019	20:00:00	12.322,20	11.814,25	20.189,02
01.04.2019	20:15:00	12.862,80	12.338,39	20.955,62
01.04.2019	20:30:00	13.566,87	13.038,58	21.413,90
01.04.2019	20:45:00	13.483,68	12.949,08	21.240,40
01.04.2019	21:00:00	13.191,40	12.656,65	20.652,08
01.04.2019	21:15:00	12.978,80	12.578,90	20.581,92
01.04.2019	21:30:00	13.652,10	13.324,82	21.206,81

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.04.2019	21:45:00	13.136,19	12.817,69	20.558,34
01.04.2019	22:00:00	12.514,23	12.160,73	19.304,20
01.04.2019	22:15:00	12.363,29	11.900,27	18.552,87
01.04.2019	22:30:00	12.107,65	11.522,48	17.821,38
01.04.2019	22:45:00	12.033,79	11.472,74	17.568,03
01.04.2019	23:00:00	11.816,83	11.238,78	17.267,74
01.04.2019	23:15:00	11.155,85	10.554,54	16.443,30
01.04.2019	23:30:00	10.620,96	10.021,52	15.844,77
01.04.2019	23:45:00	10.101,07	9.529,65	15.266,56
02.04.2019	00:00:00	9.610,72	9.086,02	14.599,01
02.04.2019	00:15:00	9.250,77	8.739,27	14.330,07
02.04.2019	00:30:00	8.723,81	8.231,78	13.674,18
02.04.2019	00:45:00	8.336,33	7.822,44	13.464,22
02.04.2019	01:00:00	8.139,82	7.652,36	13.276,07
02.04.2019	01:15:00	7.893,88	7.363,11	12.854,94
02.04.2019	01:30:00	7.788,79	7.303,96	12.768,72
02.04.2019	01:45:00	7.747,62	7.222,99	12.447,04
02.04.2019	02:00:00	7.661,15	7.146,17	12.223,99
02.04.2019	02:15:00	7.605,85	7.102,48	12.188,98
02.04.2019	02:30:00	7.639,21	7.102,04	12.304,74
02.04.2019	02:45:00	7.673,36	7.172,75	12.259,49
02.04.2019	03:00:00	7.698,73	7.182,66	12.117,47
02.04.2019	03:15:00	7.688,82	7.153,87	12.132,88
02.04.2019	03:30:00	7.717,80	7.155,35	12.237,89
02.04.2019	03:45:00	7.867,03	7.263,93	12.287,16
02.04.2019	04:00:00	7.961,33	7.315,73	12.297,04
02.04.2019	04:15:00	8.163,33	7.526,28	12.603,59
02.04.2019	04:30:00	8.299,70	7.668,29	12.832,81
02.04.2019	04:45:00	8.560,58	7.933,16	13.075,20
02.04.2019	05:00:00	8.647,72	8.110,94	13.561,88
02.04.2019	05:15:00	8.826,68	8.427,18	14.403,06
02.04.2019	05:30:00	8.674,54	8.295,36	14.583,84
02.04.2019	05:45:00	9.130,61	8.763,73	15.556,56
02.04.2019	06:00:00	9.437,96	9.074,26	16.480,14
02.04.2019	06:15:00	9.827,61	9.472,25	18.224,36
02.04.2019	06:30:00	9.941,52	9.526,88	19.315,31
02.04.2019	06:45:00	10.054,51	9.517,12	19.949,64
02.04.2019	07:00:00	10.004,48	9.490,43	20.588,33
02.04.2019	07:15:00	10.414,35	9.895,15	21.524,43
02.04.2019	07:30:00	10.644,69	10.038,50	21.941,64
02.04.2019	07:45:00	10.772,25	10.072,24	22.200,05
02.04.2019	08:00:00	10.805,53	10.000,32	22.466,92
02.04.2019	08:15:00	10.970,86	10.127,34	22.847,75
02.04.2019	08:30:00	10.886,16	9.783,15	22.623,18
02.04.2019	08:45:00	10.591,75	9.243,69	22.139,26
02.04.2019	09:00:00	10.640,59	9.145,02	21.777,24
02.04.2019	09:15:00	10.702,99	9.246,98	21.195,79
02.04.2019	09:30:00	10.802,84	8.909,93	20.938,42
02.04.2019	09:45:00	10.719,52	8.346,26	21.027,48
02.04.2019	10:00:00	10.974,66	8.305,05	21.028,10
02.04.2019	10:15:00	11.001,17	8.128,19	20.654,00
02.04.2019	10:30:00	10.833,49	7.242,91	19.671,05
02.04.2019	10:45:00	10.929,10	7.184,18	19.837,76
02.04.2019	11:00:00	11.008,25	7.204,26	19.932,64
02.04.2019	11:15:00	11.128,24	7.298,28	19.831,04
02.04.2019	11:30:00	11.329,79	6.945,06	19.469,10
02.04.2019	11:45:00	11.578,43	7.043,85	19.475,64
02.04.2019	12:00:00	11.870,41	7.127,28	19.486,68
02.04.2019	12:15:00	12.182,51	7.166,94	18.948,42
02.04.2019	12:30:00	12.064,31	7.243,35	18.761,02
02.04.2019	12:45:00	11.932,44	6.756,14	18.406,26
02.04.2019	13:00:00	11.372,77	6.017,10	17.873,53
02.04.2019	13:15:00	11.316,25	5.821,97	17.669,00
02.04.2019	13:30:00	10.901,86	5.425,94	17.456,74
02.04.2019	13:45:00	10.788,45	5.039,84	17.194,06
02.04.2019	14:00:00	10.770,92	5.024,05	17.069,89
02.04.2019	14:15:00	10.243,76	6.041,70	18.370,36
02.04.2019	14:30:00	10.310,12	6.010,79	18.516,69
02.04.2019	14:45:00	10.377,40	6.006,21	18.627,10
02.04.2019	15:00:00	10.830,58	6.431,82	18.965,40
02.04.2019	15:15:00	9.904,48	6.139,34	18.175,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.04.2019	15:30:00	10.024,94	7.226,61	18.971,40
02.04.2019	15:45:00	10.420,64	6.357,89	17.750,22
02.04.2019	16:00:00	10.606,18	9.145,03	20.372,82
02.04.2019	16:15:00	10.553,27	8.936,84	19.786,68
02.04.2019	16:30:00	10.911,91	9.392,16	20.019,46
02.04.2019	16:45:00	10.893,02	9.764,57	20.272,84
02.04.2019	17:00:00	10.963,00	9.413,91	19.566,70
02.04.2019	17:15:00	11.133,62	9.888,36	19.599,32
02.04.2019	17:30:00	11.356,07	10.438,98	19.914,78
02.04.2019	17:45:00	11.636,45	10.656,24	20.069,77
02.04.2019	18:00:00	11.685,87	10.530,38	19.734,03
02.04.2019	18:15:00	11.578,88	10.576,64	19.510,75
02.04.2019	18:30:00	11.634,92	10.500,61	19.002,28
02.04.2019	18:45:00	11.463,58	10.238,97	18.758,58
02.04.2019	19:00:00	11.568,02	10.834,81	19.306,36
02.04.2019	19:15:00	11.817,22	11.298,62	19.728,39
02.04.2019	19:30:00	11.927,23	11.468,98	19.954,62
02.04.2019	19:45:00	12.168,51	11.812,36	20.126,13
02.04.2019	20:00:00	12.499,16	12.144,14	20.510,79
02.04.2019	20:15:00	12.840,96	12.472,50	20.757,42
02.04.2019	20:30:00	13.230,56	12.866,29	21.126,48
02.04.2019	20:45:00	13.282,35	12.912,10	20.924,42
02.04.2019	21:00:00	12.906,64	12.526,85	20.315,95
02.04.2019	21:15:00	12.801,78	12.498,24	20.022,50
02.04.2019	21:30:00	13.130,06	12.804,09	20.203,28
02.04.2019	21:45:00	12.533,63	12.046,56	19.127,82
02.04.2019	22:00:00	11.928,33	11.446,89	18.492,10
02.04.2019	22:15:00	11.703,50	11.265,05	17.906,18
02.04.2019	22:30:00	11.170,83	10.730,05	17.191,79
02.04.2019	22:45:00	11.036,28	10.597,13	16.854,41
02.04.2019	23:00:00	10.723,28	10.467,66	16.441,23
02.04.2019	23:15:00	10.183,17	9.934,59	15.662,11
02.04.2019	23:30:00	9.457,72	9.192,73	14.982,89
02.04.2019	23:45:00	8.893,96	8.577,77	14.402,70
03.04.2019	00:00:00	8.327,69	8.003,95	13.700,45
03.04.2019	00:15:00	7.960,27	7.637,04	13.315,10
03.04.2019	00:30:00	7.523,55	7.211,14	12.944,21
03.04.2019	00:45:00	7.167,80	6.864,66	12.512,92
03.04.2019	01:00:00	6.848,85	6.537,09	12.220,56
03.04.2019	01:15:00	6.651,57	6.344,47	11.992,80
03.04.2019	01:30:00	6.585,06	6.263,42	11.589,16
03.04.2019	01:45:00	6.507,41	6.216,67	11.379,31
03.04.2019	02:00:00	6.330,51	6.040,22	11.088,48
03.04.2019	02:15:00	6.345,68	5.986,48	11.170,68
03.04.2019	02:30:00	6.366,27	5.957,01	11.162,93
03.04.2019	02:45:00	6.338,09	5.952,97	11.232,08
03.04.2019	03:00:00	6.304,83	5.906,54	11.080,68
03.04.2019	03:15:00	6.200,09	5.747,78	10.776,07
03.04.2019	03:30:00	6.141,64	5.689,04	10.728,75
03.04.2019	03:45:00	6.201,62	5.751,66	10.887,48
03.04.2019	04:00:00	6.272,48	5.823,66	10.878,98
03.04.2019	04:15:00	6.445,27	6.077,62	11.144,66
03.04.2019	04:30:00	6.635,81	6.280,98	11.357,22
03.04.2019	04:45:00	6.796,68	6.441,01	11.675,49
03.04.2019	05:00:00	6.956,74	6.594,89	12.098,42
03.04.2019	05:15:00	7.437,53	7.099,27	13.071,77
03.04.2019	05:30:00	7.401,69	7.093,56	13.271,94
03.04.2019	05:45:00	7.868,20	7.569,70	14.379,29
03.04.2019	06:00:00	8.343,75	8.055,97	15.554,22
03.04.2019	06:15:00	9.100,92	8.829,70	17.673,10
03.04.2019	06:30:00	9.410,80	9.093,18	18.872,52
03.04.2019	06:45:00	9.867,87	9.518,35	19.991,84
03.04.2019	07:00:00	10.204,46	9.875,32	20.834,00
03.04.2019	07:15:00	10.313,22	9.965,42	21.330,19
03.04.2019	07:30:00	10.636,84	10.274,63	22.034,18
03.04.2019	07:45:00	10.807,70	10.392,04	22.426,14
03.04.2019	08:00:00	11.052,73	10.534,84	23.064,06
03.04.2019	08:15:00	11.057,07	10.330,81	23.121,11
03.04.2019	08:30:00	11.120,35	10.479,28	23.498,50
03.04.2019	08:45:00	11.197,66	10.335,90	23.527,66
03.04.2019	09:00:00	11.340,22	10.627,22	23.772,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.04.2019	09:15:00	11.565,94	10.727,44	23.685,57
03.04.2019	09:30:00	11.451,58	10.061,94	22.998,52
03.04.2019	09:45:00	11.345,08	9.467,57	22.755,53
03.04.2019	10:00:00	11.086,79	8.547,09	21.848,56
03.04.2019	10:15:00	11.457,74	9.073,87	22.143,04
03.04.2019	10:30:00	11.682,54	9.909,69	22.726,83
03.04.2019	10:45:00	12.168,03	10.854,33	23.949,10
03.04.2019	11:00:00	12.212,47	10.482,28	23.607,75
03.04.2019	11:15:00	12.336,85	10.643,03	23.775,44
03.04.2019	11:30:00	12.335,15	10.348,86	23.632,92
03.04.2019	11:45:00	12.451,76	9.420,82	22.745,15
03.04.2019	12:00:00	12.475,78	7.889,75	20.961,39
03.04.2019	12:15:00	12.585,86	8.204,01	20.571,63
03.04.2019	12:30:00	12.743,36	8.855,23	21.009,82
03.04.2019	12:45:00	12.665,00	9.382,94	21.701,90
03.04.2019	13:00:00	11.906,27	9.043,47	21.386,96
03.04.2019	13:15:00	11.466,01	8.411,88	20.838,18
03.04.2019	13:30:00	11.644,91	6.410,06	18.725,62
03.04.2019	13:45:00	11.542,68	5.279,95	17.747,63
03.04.2019	14:00:00	11.182,29	5.099,84	17.489,02
03.04.2019	14:15:00	11.101,84	4.813,16	17.286,26
03.04.2019	14:30:00	11.040,93	4.933,38	17.120,99
03.04.2019	14:45:00	11.150,42	5.805,42	17.860,60
03.04.2019	15:00:00	10.480,35	7.624,71	19.799,58
03.04.2019	15:15:00	10.725,90	8.793,60	20.844,13
03.04.2019	15:30:00	11.011,10	9.098,03	21.033,74
03.04.2019	15:45:00	11.059,39	9.144,98	20.602,64
03.04.2019	16:00:00	11.138,79	8.153,18	19.159,93
03.04.2019	16:15:00	11.010,46	8.892,30	19.510,74
03.04.2019	16:30:00	11.937,17	7.906,41	18.069,52
03.04.2019	16:45:00	10.977,51	8.642,72	18.664,61
03.04.2019	17:00:00	11.431,81	10.118,99	19.950,93
03.04.2019	17:15:00	11.781,54	10.754,15	20.224,80
03.04.2019	17:30:00	11.927,92	11.020,24	20.166,22
03.04.2019	17:45:00	12.250,22	11.913,78	21.034,47
03.04.2019	18:00:00	13.103,12	12.951,76	22.277,64
03.04.2019	18:15:00	13.785,97	13.486,88	22.486,92
03.04.2019	18:30:00	13.862,97	13.331,45	22.076,11
03.04.2019	18:45:00	13.670,24	13.121,12	21.692,04
03.04.2019	19:00:00	13.639,69	13.084,30	21.414,40
03.04.2019	19:15:00	13.642,69	13.102,84	21.290,43
03.04.2019	19:30:00	13.794,90	13.251,42	21.407,18
03.04.2019	19:45:00	13.724,43	13.189,26	21.189,81
03.04.2019	20:00:00	13.624,12	13.118,04	21.056,76
03.04.2019	20:15:00	13.931,87	13.385,44	21.175,55
03.04.2019	20:30:00	13.976,32	13.417,30	21.098,82
03.04.2019	20:45:00	13.949,65	13.415,31	21.032,30
03.04.2019	21:00:00	13.542,58	12.969,06	20.444,78
03.04.2019	21:15:00	13.373,70	12.816,34	20.108,56
03.04.2019	21:30:00	14.221,46	13.683,23	20.918,13
03.04.2019	21:45:00	13.698,50	13.122,72	20.308,38
03.04.2019	22:00:00	13.245,70	12.714,75	19.443,91
03.04.2019	22:15:00	12.932,89	12.347,49	18.475,72
03.04.2019	22:30:00	12.639,08	12.090,21	18.104,92
03.04.2019	22:45:00	12.500,48	11.920,28	17.824,64
03.04.2019	23:00:00	12.240,50	11.680,39	17.427,43
03.04.2019	23:15:00	11.587,83	11.025,96	16.550,61
03.04.2019	23:30:00	10.902,13	10.297,27	15.764,48
03.04.2019	23:45:00	10.274,06	9.706,42	15.005,47
04.04.2019	00:00:00	9.756,16	9.243,76	14.468,65
04.04.2019	00:15:00	9.283,68	8.810,88	14.155,05
04.04.2019	00:30:00	8.867,61	8.358,46	13.644,84
04.04.2019	00:45:00	8.659,33	8.185,17	13.438,36
04.04.2019	01:00:00	8.395,64	7.877,07	13.165,43
04.04.2019	01:15:00	8.243,20	7.770,50	12.956,24
04.04.2019	01:30:00	8.049,96	7.529,48	12.828,56
04.04.2019	01:45:00	7.946,37	7.462,41	12.642,24
04.04.2019	02:00:00	7.882,95	7.381,58	12.527,00
04.04.2019	02:15:00	7.893,65	7.375,91	12.287,68
04.04.2019	02:30:00	8.181,74	7.699,11	12.608,03
04.04.2019	02:45:00	8.208,96	7.734,93	12.802,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.04.2019	03:00:00	8.204,79	7.918,82	13.138,57
04.04.2019	03:15:00	8.064,89	7.756,17	13.030,55
04.04.2019	03:30:00	7.966,89	7.552,43	12.672,65
04.04.2019	03:45:00	8.005,01	7.623,37	12.660,02
04.04.2019	04:00:00	8.109,90	7.685,32	12.778,60
04.04.2019	04:15:00	8.332,53	7.926,59	13.064,29
04.04.2019	04:30:00	8.328,75	7.941,53	13.101,35
04.04.2019	04:45:00	8.410,11	7.981,73	13.324,65
04.04.2019	05:00:00	8.517,33	8.097,69	13.540,31
04.04.2019	05:15:00	8.730,48	8.340,27	14.332,37
04.04.2019	05:30:00	8.659,57	8.285,06	14.565,91
04.04.2019	05:45:00	8.983,16	8.620,98	15.490,74
04.04.2019	06:00:00	9.325,21	8.966,80	16.480,28
04.04.2019	06:15:00	9.685,33	9.239,13	18.035,84
04.04.2019	06:30:00	9.973,17	9.434,96	19.012,95
04.04.2019	06:45:00	10.190,78	9.666,68	19.751,91
04.04.2019	07:00:00	10.532,36	10.032,43	20.827,16
04.04.2019	07:15:00	10.526,93	10.020,43	21.415,10
04.04.2019	07:30:00	10.893,50	10.400,64	22.199,90
04.04.2019	07:45:00	11.364,69	10.853,65	23.076,33
04.04.2019	08:00:00	11.875,91	11.348,83	24.167,17
04.04.2019	08:15:00	12.190,74	11.670,35	24.937,09
04.04.2019	08:30:00	12.337,34	11.824,32	25.380,49
04.04.2019	08:45:00	12.294,25	11.749,78	25.134,08
04.04.2019	09:00:00	12.250,40	11.668,15	25.142,56
04.04.2019	09:15:00	12.633,62	12.048,46	24.827,67
04.04.2019	09:30:00	12.739,90	12.148,11	24.991,74
04.04.2019	09:45:00	12.752,06	11.999,33	25.191,68
04.04.2019	10:00:00	12.820,35	11.989,26	25.351,92
04.04.2019	10:15:00	13.070,98	12.092,67	25.231,08
04.04.2019	10:30:00	12.818,69	11.772,99	24.890,33
04.04.2019	10:45:00	12.748,34	11.805,42	24.988,98
04.04.2019	11:00:00	12.747,42	11.531,30	24.704,48
04.04.2019	11:15:00	12.932,36	11.938,50	25.069,72
04.04.2019	11:30:00	13.228,04	12.175,60	25.481,28
04.04.2019	11:45:00	13.602,94	12.463,37	25.798,83
04.04.2019	12:00:00	13.691,82	12.749,57	26.041,20
04.04.2019	12:15:00	14.158,73	13.269,30	25.932,56
04.04.2019	12:30:00	14.435,13	13.593,36	25.734,34
04.04.2019	12:45:00	14.179,24	13.294,55	25.442,35
04.04.2019	13:00:00	13.735,94	12.740,15	25.202,58
04.04.2019	13:15:00	13.364,03	12.375,11	25.370,17
04.04.2019	13:30:00	13.362,93	12.462,96	25.515,92
04.04.2019	13:45:00	13.400,63	12.399,73	25.371,79
04.04.2019	14:00:00	13.191,68	12.087,22	25.089,64
04.04.2019	14:15:00	13.076,89	12.118,23	25.219,92
04.04.2019	14:30:00	12.812,69	11.966,56	24.895,46
04.04.2019	14:45:00	12.687,16	11.741,56	24.323,19
04.04.2019	15:00:00	12.611,48	11.810,85	23.996,07
04.04.2019	15:15:00	12.744,52	11.937,24	23.870,70
04.04.2019	15:30:00	12.735,14	11.764,72	23.532,01
04.04.2019	15:45:00	12.770,74	11.776,85	23.320,20
04.04.2019	16:00:00	12.698,85	11.697,40	22.942,34
04.04.2019	16:15:00	12.786,45	11.893,30	22.827,70
04.04.2019	16:30:00	12.659,05	11.668,91	22.278,87
04.04.2019	16:45:00	12.835,31	11.473,34	21.840,50
04.04.2019	17:00:00	12.747,63	11.548,92	21.649,48
04.04.2019	17:15:00	12.790,81	11.562,15	21.398,04
04.04.2019	17:30:00	12.905,15	11.327,41	20.735,42
04.04.2019	17:45:00	13.047,18	11.587,08	20.744,24
04.04.2019	18:00:00	13.286,82	11.980,36	20.911,26
04.04.2019	18:15:00	12.840,38	11.682,08	20.362,06
04.04.2019	18:30:00	12.750,53	11.853,72	20.232,74
04.04.2019	18:45:00	12.913,67	12.164,16	20.484,44
04.04.2019	19:00:00	12.997,64	12.301,20	20.524,52
04.04.2019	19:15:00	13.466,21	12.933,05	21.107,70
04.04.2019	19:30:00	13.875,21	13.312,48	21.754,06
04.04.2019	19:45:00	13.994,20	13.457,19	21.766,10
04.04.2019	20:00:00	14.095,69	13.565,33	21.807,40
04.04.2019	20:15:00	14.567,98	14.047,20	22.155,66
04.04.2019	20:30:00	14.689,32	14.143,73	21.966,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.04.2019	20:45:00	14.471,03	13.934,94	21.696,20
04.04.2019	21:00:00	14.141,38	13.612,30	21.355,68
04.04.2019	21:15:00	13.986,00	13.434,96	20.990,61
04.04.2019	21:30:00	14.872,28	14.358,58	21.846,84
04.04.2019	21:45:00	14.429,89	13.883,27	21.042,17
04.04.2019	22:00:00	13.754,34	13.218,45	20.082,36
04.04.2019	22:15:00	13.445,67	12.892,79	19.422,38
04.04.2019	22:30:00	13.170,64	12.614,28	18.869,55
04.04.2019	22:45:00	13.158,85	12.599,70	18.785,86
04.04.2019	23:00:00	13.083,25	12.515,05	18.649,39
04.04.2019	23:15:00	12.343,98	11.784,07	17.637,68
04.04.2019	23:30:00	11.605,74	11.059,41	16.843,14
04.04.2019	23:45:00	11.038,92	10.585,83	16.170,82
05.04.2019	00:00:00	10.544,86	10.049,23	15.587,49
05.04.2019	00:15:00	10.015,78	9.548,57	14.997,42
05.04.2019	00:30:00	9.679,20	9.181,22	14.683,38
05.04.2019	00:45:00	9.280,20	8.801,44	14.194,17
05.04.2019	01:00:00	9.036,54	8.529,40	13.997,02
05.04.2019	01:15:00	8.745,31	8.267,30	13.704,62
05.04.2019	01:30:00	8.479,38	7.958,34	13.312,25
05.04.2019	01:45:00	8.427,25	7.954,00	13.291,52
05.04.2019	02:00:00	8.304,63	7.784,47	12.965,52
05.04.2019	02:15:00	8.328,12	7.843,48	12.913,01
05.04.2019	02:30:00	8.444,40	7.933,91	13.002,70
05.04.2019	02:45:00	8.328,50	7.716,66	12.873,69
05.04.2019	03:00:00	8.331,26	7.736,92	12.806,21
05.04.2019	03:15:00	8.280,94	7.641,61	12.680,14
05.04.2019	03:30:00	8.176,61	7.579,57	12.703,85
05.04.2019	03:45:00	8.285,49	7.668,98	12.719,02
05.04.2019	04:00:00	8.221,93	7.582,17	12.698,48
05.04.2019	04:15:00	8.278,96	7.649,63	12.933,43
05.04.2019	04:30:00	8.509,54	7.878,38	13.116,70
05.04.2019	04:45:00	8.469,71	7.834,45	13.130,55
05.04.2019	05:00:00	8.645,36	8.018,22	13.534,16
05.04.2019	05:15:00	8.953,86	8.351,06	14.556,04
05.04.2019	05:30:00	8.942,73	8.365,83	14.770,50
05.04.2019	05:45:00	9.288,47	8.723,57	15.434,45
05.04.2019	06:00:00	9.677,21	9.164,45	16.564,61
05.04.2019	06:15:00	10.035,65	9.563,88	18.436,12
05.04.2019	06:30:00	10.164,20	9.709,56	19.554,71
05.04.2019	06:45:00	10.404,80	9.951,81	20.161,98
05.04.2019	07:00:00	10.347,92	9.911,60	20.975,26
05.04.2019	07:15:00	10.844,62	10.400,56	21.914,55
05.04.2019	07:30:00	11.008,01	10.520,15	22.493,26
05.04.2019	07:45:00	11.251,84	10.674,14	22.846,92
05.04.2019	08:00:00	11.714,59	11.158,68	24.003,35
05.04.2019	08:15:00	11.950,01	11.164,31	24.062,23
05.04.2019	08:30:00	11.998,95	10.940,36	23.703,07
05.04.2019	08:45:00	12.029,76	10.937,03	23.892,09
05.04.2019	09:00:00	12.159,82	11.028,17	23.902,82
05.04.2019	09:15:00	12.252,38	11.263,46	23.699,03
05.04.2019	09:30:00	12.350,53	11.379,89	23.855,49
05.04.2019	09:45:00	12.715,35	11.572,51	24.810,73
05.04.2019	10:00:00	12.743,82	11.684,43	24.969,88
05.04.2019	10:15:00	12.867,27	11.913,59	25.057,64
05.04.2019	10:30:00	13.012,33	12.149,80	25.422,64
05.04.2019	10:45:00	13.010,76	12.024,80	25.373,18
05.04.2019	11:00:00	13.010,00	11.804,66	25.201,11
05.04.2019	11:15:00	13.426,88	11.425,08	24.431,19
05.04.2019	11:30:00	13.284,67	10.759,25	23.554,49
05.04.2019	11:45:00	13.620,39	11.010,72	23.783,72
05.04.2019	12:00:00	13.910,57	11.275,95	23.653,33
05.04.2019	12:15:00	13.934,43	11.739,58	23.701,72
05.04.2019	12:30:00	14.219,31	11.885,87	23.504,83
05.04.2019	12:45:00	13.952,43	11.093,91	22.483,90
05.04.2019	13:00:00	13.405,95	10.580,29	22.014,98
05.04.2019	13:15:00	13.562,93	9.963,72	21.278,66
05.04.2019	13:30:00	12.926,06	9.633,02	21.052,16
05.04.2019	13:45:00	12.488,74	9.654,83	20.826,89
05.04.2019	14:00:00	12.376,72	9.905,56	21.089,60
05.04.2019	14:15:00	12.106,20	9.875,61	20.772,09

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.04.2019	14:30:00	12.147,70	9.804,60	20.839,50
05.04.2019	14:45:00	12.198,50	10.370,23	21.135,72
05.04.2019	15:00:00	12.098,37	10.430,55	21.135,78
05.04.2019	15:15:00	12.038,70	10.403,01	21.025,99
05.04.2019	15:30:00	11.794,98	10.261,53	20.629,28
05.04.2019	15:45:00	11.903,41	10.122,52	20.088,70
05.04.2019	16:00:00	11.937,24	10.630,02	20.462,11
05.04.2019	16:15:00	12.225,77	11.047,37	20.604,55
05.04.2019	16:30:00	12.418,41	10.898,36	20.341,47
05.04.2019	16:45:00	12.324,12	11.133,72	20.452,11
05.04.2019	17:00:00	12.409,10	11.034,01	20.208,60
05.04.2019	17:15:00	12.424,29	11.248,85	20.144,57
05.04.2019	17:30:00	12.588,91	11.688,18	20.303,39
05.04.2019	17:45:00	12.816,18	12.043,13	20.546,42
05.04.2019	18:00:00	13.049,47	12.247,33	20.643,34
05.04.2019	18:15:00	13.033,15	12.305,13	20.494,61
05.04.2019	18:30:00	13.199,54	12.527,12	20.555,75
05.04.2019	18:45:00	13.072,81	12.447,87	20.392,56
05.04.2019	19:00:00	13.334,52	12.715,68	20.432,26
05.04.2019	19:15:00	13.493,68	12.919,01	20.584,37
05.04.2019	19:30:00	13.558,03	13.003,88	20.607,83
05.04.2019	19:45:00	13.559,22	13.016,11	20.305,93
05.04.2019	20:00:00	13.702,89	13.179,05	20.482,09
05.04.2019	20:15:00	14.099,56	13.546,70	20.655,41
05.04.2019	20:30:00	14.005,59	13.477,41	20.303,24
05.04.2019	20:45:00	13.861,51	13.291,31	19.840,61
05.04.2019	21:00:00	13.458,72	12.884,28	19.257,94
05.04.2019	21:15:00	13.437,25	12.855,00	19.127,50
05.04.2019	21:30:00	14.272,12	13.710,38	19.855,58
05.04.2019	21:45:00	13.762,02	13.252,41	19.388,71
05.04.2019	22:00:00	13.362,27	12.904,79	18.931,83
05.04.2019	22:15:00	13.276,87	12.832,50	18.664,35
05.04.2019	22:30:00	13.290,18	12.843,45	18.474,64
05.04.2019	22:45:00	13.317,26	12.861,85	18.339,26
05.04.2019	23:00:00	13.205,79	12.775,60	18.151,72
05.04.2019	23:15:00	12.488,34	11.999,21	17.078,04
05.04.2019	23:30:00	11.821,64	11.372,69	16.392,11
05.04.2019	23:45:00	11.436,87	10.966,18	15.895,00
06.04.2019	00:00:00	11.047,81	10.561,66	15.358,65
06.04.2019	00:15:00	10.365,67	9.909,76	14.717,43
06.04.2019	00:30:00	9.865,54	9.363,43	14.237,66
06.04.2019	00:45:00	9.657,32	9.147,59	13.992,93
06.04.2019	01:00:00	9.185,33	8.679,61	13.403,86
06.04.2019	01:15:00	8.963,81	8.455,68	13.194,07
06.04.2019	01:30:00	8.852,84	8.317,68	13.092,30
06.04.2019	01:45:00	8.765,73	8.358,32	13.105,40
06.04.2019	02:00:00	8.585,76	8.164,70	12.857,52
06.04.2019	02:15:00	8.503,67	8.078,38	12.592,53
06.04.2019	02:30:00	8.495,27	8.072,09	12.613,90
06.04.2019	02:45:00	8.499,73	8.081,48	12.689,62
06.04.2019	03:00:00	8.550,68	8.134,83	12.601,16
06.04.2019	03:15:00	8.418,17	7.896,68	12.248,83
06.04.2019	03:30:00	8.382,51	7.742,09	12.155,88
06.04.2019	03:45:00	8.580,74	7.949,41	12.359,94
06.04.2019	04:00:00	8.780,43	8.154,88	12.531,65
06.04.2019	04:15:00	9.103,31	8.515,19	12.826,77
06.04.2019	04:30:00	9.142,95	8.518,73	12.880,52
06.04.2019	04:45:00	9.063,08	8.481,54	12.932,71
06.04.2019	05:00:00	9.172,68	8.595,14	13.249,02
06.04.2019	05:15:00	9.301,33	8.710,94	13.554,37
06.04.2019	05:30:00	8.793,70	8.215,41	13.122,27
06.04.2019	05:45:00	8.984,40	8.405,72	13.465,64
06.04.2019	06:00:00	9.140,11	8.564,73	13.792,61
06.04.2019	06:15:00	9.220,19	8.650,96	14.233,76
06.04.2019	06:30:00	9.361,16	8.808,30	14.597,48
06.04.2019	06:45:00	8.867,14	8.295,34	13.926,40
06.04.2019	07:00:00	8.514,73	7.941,13	13.559,92
06.04.2019	07:15:00	9.103,76	8.459,20	14.187,36
06.04.2019	07:30:00	9.360,16	8.623,85	14.445,84
06.04.2019	07:45:00	9.580,81	8.751,32	14.631,32
06.04.2019	08:00:00	9.672,45	8.767,59	14.778,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.04.2019	08:15:00	9.895,39	8.886,62	14.826,85
06.04.2019	08:30:00	9.915,90	8.699,07	14.781,20
06.04.2019	08:45:00	9.837,29	8.386,78	14.547,92
06.04.2019	09:00:00	10.098,62	8.360,89	14.481,94
06.04.2019	09:15:00	10.414,26	8.425,35	14.411,89
06.04.2019	09:30:00	10.855,25	8.709,47	14.698,55
06.04.2019	09:45:00	11.292,83	9.025,89	15.089,20
06.04.2019	10:00:00	11.479,66	9.472,02	15.477,52
06.04.2019	10:15:00	11.962,22	9.863,98	15.824,59
06.04.2019	10:30:00	12.199,18	10.015,54	15.965,58
06.04.2019	10:45:00	12.298,02	9.906,91	15.923,79
06.04.2019	11:00:00	12.501,78	10.245,75	16.017,09
06.04.2019	11:15:00	12.757,24	10.130,41	15.827,88
06.04.2019	11:30:00	12.595,75	9.740,13	15.488,01
06.04.2019	11:45:00	12.729,47	10.009,64	15.738,14
06.04.2019	12:00:00	12.696,17	8.750,25	14.372,20
06.04.2019	12:15:00	12.265,52	9.266,19	14.548,19
06.04.2019	12:30:00	12.936,78	10.642,12	15.890,32
06.04.2019	12:45:00	13.211,88	10.707,12	15.943,44
06.04.2019	13:00:00	12.832,23	10.761,47	16.025,07
06.04.2019	13:15:00	12.892,89	10.556,32	15.722,18
06.04.2019	13:30:00	13.234,01	9.934,82	14.986,77
06.04.2019	13:45:00	12.263,18	10.080,89	15.149,97
06.04.2019	14:00:00	11.928,50	9.881,81	14.906,60
06.04.2019	14:15:00	11.855,46	9.726,34	14.722,77
06.04.2019	14:30:00	11.540,66	9.072,71	13.849,38
06.04.2019	14:45:00	11.333,89	8.571,93	13.322,52
06.04.2019	15:00:00	11.139,10	7.698,79	12.383,09
06.04.2019	15:15:00	11.140,07	7.590,73	12.160,96
06.04.2019	15:30:00	10.621,66	6.686,78	11.329,06
06.04.2019	15:45:00	10.217,93	6.898,77	11.521,04
06.04.2019	16:00:00	11.115,71	7.196,87	11.733,71
06.04.2019	16:15:00	11.042,99	7.223,74	11.869,07
06.04.2019	16:30:00	10.339,49	6.922,97	11.545,47
06.04.2019	16:45:00	10.429,54	6.454,35	11.239,95
06.04.2019	17:00:00	10.852,60	7.308,73	12.055,68
06.04.2019	17:15:00	10.722,95	8.635,87	13.424,05
06.04.2019	17:30:00	11.422,73	8.685,40	13.317,82
06.04.2019	17:45:00	11.106,23	8.982,09	13.600,66
06.04.2019	18:00:00	11.291,45	9.690,40	14.303,87
06.04.2019	18:15:00	11.547,62	9.557,34	14.096,86
06.04.2019	18:30:00	12.038,37	9.394,18	13.927,56
06.04.2019	18:45:00	11.750,55	9.838,32	14.290,42
06.04.2019	19:00:00	11.273,19	10.525,44	15.033,42
06.04.2019	19:15:00	11.635,53	11.166,16	15.631,46
06.04.2019	19:30:00	11.985,21	11.591,07	16.048,82
06.04.2019	19:45:00	12.086,54	11.719,52	16.131,08
06.04.2019	20:00:00	12.246,80	11.973,86	16.371,54
06.04.2019	20:15:00	12.391,76	12.134,64	16.585,97
06.04.2019	20:30:00	13.067,04	12.771,75	17.133,76
06.04.2019	20:45:00	13.247,69	12.992,55	17.402,87
06.04.2019	21:00:00	12.947,22	12.692,45	17.105,55
06.04.2019	21:15:00	12.873,45	12.597,42	16.965,99
06.04.2019	21:30:00	13.310,53	13.143,40	17.438,17
06.04.2019	21:45:00	12.689,53	12.637,56	16.803,80
06.04.2019	22:00:00	12.413,93	12.359,54	16.567,20
06.04.2019	22:15:00	12.329,69	12.146,47	16.305,06
06.04.2019	22:30:00	12.368,83	12.199,68	16.246,92
06.04.2019	22:45:00	12.601,14	12.436,03	16.355,28
06.04.2019	23:00:00	12.672,16	12.499,16	16.493,95
06.04.2019	23:15:00	12.082,01	11.860,59	15.753,55
06.04.2019	23:30:00	11.444,66	11.216,95	14.954,29
06.04.2019	23:45:00	10.972,21	10.742,01	14.473,13
07.04.2019	00:00:00	10.533,52	10.318,40	14.035,76
07.04.2019	00:15:00	10.194,01	9.991,41	13.706,55
07.04.2019	00:30:00	9.648,85	9.424,85	13.164,98
07.04.2019	00:45:00	9.237,99	9.040,83	12.807,77
07.04.2019	01:00:00	8.864,64	8.662,69	12.442,09
07.04.2019	01:15:00	8.450,31	8.221,82	12.024,38
07.04.2019	01:30:00	8.312,42	8.055,85	11.837,15
07.04.2019	01:45:00	8.097,84	7.879,62	11.563,67

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.04.2019	02:00:00	7.945,63	7.736,95	11.394,24
07.04.2019	02:15:00	7.931,58	7.697,89	11.228,11
07.04.2019	02:30:00	7.768,88	7.514,10	11.132,10
07.04.2019	02:45:00	7.878,63	7.686,44	11.261,09
07.04.2019	03:00:00	7.890,62	7.792,85	11.453,44
07.04.2019	03:15:00	7.784,86	7.660,81	11.312,84
07.04.2019	03:30:00	7.749,26	7.599,94	11.253,17
07.04.2019	03:45:00	7.823,52	7.680,12	11.271,83
07.04.2019	04:00:00	7.864,62	7.725,57	11.256,55
07.04.2019	04:15:00	8.044,61	7.908,91	11.460,45
07.04.2019	04:30:00	8.115,31	8.018,14	11.539,02
07.04.2019	04:45:00	8.074,20	7.930,44	11.578,04
07.04.2019	05:00:00	8.140,72	7.892,84	11.613,34
07.04.2019	05:15:00	8.262,11	7.974,97	11.677,38
07.04.2019	05:30:00	7.891,15	7.602,39	11.270,79
07.04.2019	05:45:00	8.046,45	7.710,30	11.391,81
07.04.2019	06:00:00	8.106,18	7.701,13	11.435,95
07.04.2019	06:15:00	8.098,89	7.651,04	11.520,66
07.04.2019	06:30:00	8.021,96	7.571,34	11.423,30
07.04.2019	06:45:00	7.297,76	6.841,18	10.614,12
07.04.2019	07:00:00	7.133,62	6.654,04	10.427,59
07.04.2019	07:15:00	7.443,79	6.880,82	10.890,94
07.04.2019	07:30:00	7.602,57	6.929,56	10.875,06
07.04.2019	07:45:00	7.819,14	7.048,09	10.951,62
07.04.2019	08:00:00	8.206,54	7.391,30	11.273,58
07.04.2019	08:15:00	8.398,01	7.354,18	11.264,48
07.04.2019	08:30:00	8.102,86	6.549,40	10.481,61
07.04.2019	08:45:00	8.273,57	6.389,33	10.266,32
07.04.2019	09:00:00	8.387,72	6.569,52	10.502,13
07.04.2019	09:15:00	8.575,24	6.594,88	10.497,36
07.04.2019	09:30:00	8.771,36	6.407,53	10.364,12
07.04.2019	09:45:00	9.175,56	6.497,84	10.479,93
07.04.2019	10:00:00	9.513,15	6.316,16	10.339,03
07.04.2019	10:15:00	9.780,83	6.517,49	10.531,67
07.04.2019	10:30:00	10.450,21	7.201,76	11.284,40
07.04.2019	10:45:00	10.687,04	7.245,27	11.186,83
07.04.2019	11:00:00	11.066,27	7.062,00	10.966,10
07.04.2019	11:15:00	10.498,79	6.337,08	10.338,74
07.04.2019	11:30:00	11.277,92	6.248,04	10.215,44
07.04.2019	11:45:00	11.341,93	5.600,77	9.499,84
07.04.2019	12:00:00	11.442,07	5.673,30	9.590,04
07.04.2019	12:15:00	11.443,18	5.599,94	9.506,39
07.04.2019	12:30:00	11.631,30	5.572,83	9.456,42
07.04.2019	12:45:00	11.714,85	5.676,43	9.650,92
07.04.2019	13:00:00	11.276,80	6.304,24	10.426,09
07.04.2019	13:15:00	11.381,64	5.815,94	9.913,90
07.04.2019	13:30:00	9.425,76	6.277,23	10.426,52
07.04.2019	13:45:00	11.311,77	5.297,98	9.416,14
07.04.2019	14:00:00	11.010,73	6.076,13	10.210,76
07.04.2019	14:15:00	11.049,15	6.950,39	11.190,49
07.04.2019	14:30:00	10.275,98	7.837,95	11.972,82
07.04.2019	14:45:00	10.201,26	7.518,61	11.569,55
07.04.2019	15:00:00	9.785,27	7.780,71	11.933,82
07.04.2019	15:15:00	10.019,73	8.160,85	12.287,05
07.04.2019	15:30:00	9.811,81	8.264,08	12.401,82
07.04.2019	15:45:00	9.969,23	8.313,63	12.496,15
07.04.2019	16:00:00	10.373,61	7.848,32	11.959,29
07.04.2019	16:15:00	10.095,34	7.807,74	11.950,03
07.04.2019	16:30:00	9.967,20	8.146,14	12.289,40
07.04.2019	16:45:00	10.199,84	7.627,56	11.798,87
07.04.2019	17:00:00	10.290,59	7.646,65	11.803,26
07.04.2019	17:15:00	10.364,92	7.864,59	12.080,83
07.04.2019	17:30:00	10.838,27	8.365,43	12.565,02
07.04.2019	17:45:00	10.950,45	9.362,84	13.607,36
07.04.2019	18:00:00	11.113,61	10.004,31	14.246,86
07.04.2019	18:15:00	11.123,82	10.088,55	14.264,88
07.04.2019	18:30:00	11.319,69	10.313,63	14.364,46
07.04.2019	18:45:00	11.395,71	10.437,56	14.392,32
07.04.2019	19:00:00	11.395,28	10.516,68	14.488,70
07.04.2019	19:15:00	11.871,42	11.121,08	15.058,42
07.04.2019	19:30:00	11.835,62	11.148,09	15.109,73

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.04.2019	19:45:00	11.858,21	11.239,75	15.128,75
07.04.2019	20:00:00	11.932,28	11.366,31	15.200,12
07.04.2019	20:15:00	12.171,03	11.629,83	15.568,19
07.04.2019	20:30:00	12.921,87	12.487,89	16.445,02
07.04.2019	20:45:00	12.850,73	12.464,01	16.552,30
07.04.2019	21:00:00	12.583,12	12.361,63	16.398,40
07.04.2019	21:15:00	12.483,44	12.266,20	16.265,14
07.04.2019	21:30:00	12.782,72	12.513,06	16.509,39
07.04.2019	21:45:00	12.225,02	11.936,83	15.994,18
07.04.2019	22:00:00	11.823,40	11.536,74	15.595,26
07.04.2019	22:15:00	11.690,18	11.402,79	15.600,08
07.04.2019	22:30:00	11.275,49	11.027,18	15.288,42
07.04.2019	22:45:00	11.308,99	11.032,72	15.038,93
07.04.2019	23:00:00	11.190,43	10.939,71	14.962,80
07.04.2019	23:15:00	10.418,59	10.160,67	14.130,36
07.04.2019	23:30:00	9.850,21	9.588,99	13.508,32
07.04.2019	23:45:00	9.297,54	8.982,56	13.034,68
08.04.2019	00:00:00	8.821,82	8.431,97	12.543,77
08.04.2019	00:15:00	8.427,75	8.043,89	12.078,59
08.04.2019	00:30:00	8.036,00	7.647,32	11.630,40
08.04.2019	00:45:00	7.622,11	7.205,04	11.325,44
08.04.2019	01:00:00	7.420,08	6.975,99	11.179,48
08.04.2019	01:15:00	7.202,39	6.789,56	10.904,18
08.04.2019	01:30:00	7.107,83	6.713,09	10.861,69
08.04.2019	01:45:00	6.962,28	6.559,18	10.850,18
08.04.2019	02:00:00	6.934,62	6.487,17	10.766,02
08.04.2019	02:15:00	6.798,56	6.368,65	10.586,08
08.04.2019	02:30:00	6.669,64	6.293,74	10.549,50
08.04.2019	02:45:00	6.754,94	6.381,16	10.456,71
08.04.2019	03:00:00	6.683,09	6.305,55	10.290,78
08.04.2019	03:15:00	6.685,35	6.311,32	10.452,92
08.04.2019	03:30:00	6.705,70	6.331,56	10.614,39
08.04.2019	03:45:00	6.873,88	6.502,54	10.863,88
08.04.2019	04:00:00	6.998,86	6.625,90	10.982,71
08.04.2019	04:15:00	7.204,88	6.839,26	11.297,85
08.04.2019	04:30:00	7.383,29	7.026,49	11.530,80
08.04.2019	04:45:00	7.451,05	7.109,74	11.859,20
08.04.2019	05:00:00	7.611,06	7.281,73	12.100,05
08.04.2019	05:15:00	7.815,24	7.510,31	13.211,27
08.04.2019	05:30:00	7.853,26	7.548,22	13.540,13
08.04.2019	05:45:00	8.478,82	8.172,13	14.430,48
08.04.2019	06:00:00	8.859,33	8.358,58	15.154,31
08.04.2019	06:15:00	9.394,08	8.909,92	17.130,61
08.04.2019	06:30:00	9.908,97	9.448,19	18.734,12
08.04.2019	06:45:00	9.795,17	9.333,77	19.245,69
08.04.2019	07:00:00	9.917,84	9.475,70	20.168,18
08.04.2019	07:15:00	10.521,08	10.060,33	21.072,84
08.04.2019	07:30:00	10.627,49	10.105,01	21.826,12
08.04.2019	07:45:00	10.786,01	10.168,97	22.345,76
08.04.2019	08:00:00	10.800,26	9.934,34	22.358,66
08.04.2019	08:15:00	10.855,37	9.864,64	22.482,62
08.04.2019	08:30:00	10.869,86	9.659,18	22.404,90
08.04.2019	08:45:00	10.761,39	9.295,47	22.100,47
08.04.2019	09:00:00	10.581,66	8.885,67	21.646,18
08.04.2019	09:15:00	10.828,69	8.776,25	20.881,13
08.04.2019	09:30:00	10.841,81	8.459,24	20.478,15
08.04.2019	09:45:00	11.371,16	8.826,02	21.358,34
08.04.2019	10:00:00	11.919,37	9.597,43	22.410,82
08.04.2019	10:15:00	11.771,38	8.726,60	21.531,44
08.04.2019	10:30:00	11.587,06	8.752,86	21.654,45
08.04.2019	10:45:00	11.353,09	8.664,44	21.848,00
08.04.2019	11:00:00	11.003,02	6.866,38	19.985,24
08.04.2019	11:15:00	11.829,37	7.205,59	19.839,77
08.04.2019	11:30:00	11.993,19	7.751,28	20.567,32
08.04.2019	11:45:00	13.053,42	7.986,55	20.747,16
08.04.2019	12:00:00	12.350,62	9.002,21	21.487,80
08.04.2019	12:15:00	12.814,39	11.445,58	23.665,71
08.04.2019	12:30:00	13.318,66	12.143,66	23.926,36
08.04.2019	12:45:00	13.268,45	11.562,85	23.645,97
08.04.2019	13:00:00	13.091,18	10.967,38	23.171,93
08.04.2019	13:15:00	12.257,03	10.574,11	22.932,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.04.2019	13:30:00	12.117,15	10.956,74	23.633,72
08.04.2019	13:45:00	12.100,62	10.973,69	23.734,73
08.04.2019	14:00:00	11.711,81	10.535,81	23.029,10
08.04.2019	14:15:00	11.523,28	10.499,02	22.993,66
08.04.2019	14:30:00	11.655,22	10.765,79	23.173,04
08.04.2019	14:45:00	11.838,65	11.079,57	23.321,62
08.04.2019	15:00:00	11.791,38	11.032,84	23.258,61
08.04.2019	15:15:00	11.766,87	10.648,86	22.436,00
08.04.2019	15:30:00	11.850,11	10.478,84	21.997,53
08.04.2019	15:45:00	11.839,58	10.160,11	21.390,37
08.04.2019	16:00:00	11.825,28	10.150,30	20.849,48
08.04.2019	16:15:00	11.727,85	10.102,38	20.434,62
08.04.2019	16:30:00	11.988,65	10.318,79	20.375,58
08.04.2019	16:45:00	11.947,81	10.075,45	19.981,12
08.04.2019	17:00:00	11.862,58	9.819,41	19.542,93
08.04.2019	17:15:00	12.023,15	10.156,55	19.607,50
08.04.2019	17:30:00	11.972,10	10.462,48	19.686,98
08.04.2019	17:45:00	12.162,16	10.774,37	19.936,79
08.04.2019	18:00:00	12.152,19	10.896,50	20.028,08
08.04.2019	18:15:00	12.170,05	11.024,48	19.936,05
08.04.2019	18:30:00	12.186,22	11.118,47	19.878,09
08.04.2019	18:45:00	12.147,74	10.986,00	19.471,35
08.04.2019	19:00:00	12.093,14	11.111,97	19.642,04
08.04.2019	19:15:00	12.434,89	11.638,25	20.142,83
08.04.2019	19:30:00	12.514,29	11.842,10	20.108,57
08.04.2019	19:45:00	12.625,69	11.998,79	20.081,09
08.04.2019	20:00:00	12.846,24	12.318,90	20.200,28
08.04.2019	20:15:00	13.076,29	12.546,47	20.379,96
08.04.2019	20:30:00	13.618,89	13.058,59	20.825,39
08.04.2019	20:45:00	13.842,84	13.288,79	20.966,43
08.04.2019	21:00:00	13.516,20	12.990,81	20.505,42
08.04.2019	21:15:00	13.394,45	12.862,34	20.264,32
08.04.2019	21:30:00	13.965,27	13.402,80	20.640,48
08.04.2019	21:45:00	13.319,60	12.874,73	19.963,76
08.04.2019	22:00:00	12.690,60	12.258,11	19.120,24
08.04.2019	22:15:00	12.285,96	11.853,23	18.364,82
08.04.2019	22:30:00	11.924,92	11.446,33	17.775,64
08.04.2019	22:45:00	11.825,09	11.354,34	17.823,13
08.04.2019	23:00:00	11.509,46	11.068,73	17.270,82
08.04.2019	23:15:00	10.995,20	10.544,08	16.445,40
08.04.2019	23:30:00	10.254,59	9.761,30	15.514,89
08.04.2019	23:45:00	9.589,15	9.116,75	14.626,08
09.04.2019	00:00:00	9.047,87	8.634,78	14.073,80
09.04.2019	00:15:00	8.536,60	8.269,54	13.609,23
09.04.2019	00:30:00	8.144,75	7.848,00	13.079,72
09.04.2019	00:45:00	7.745,21	7.448,18	12.582,59
09.04.2019	01:00:00	7.515,37	7.235,23	12.414,57
09.04.2019	01:15:00	7.342,03	7.059,71	12.296,32
09.04.2019	01:30:00	7.168,59	6.873,40	12.066,32
09.04.2019	01:45:00	7.086,65	6.748,80	11.892,80
09.04.2019	02:00:00	7.090,02	6.794,33	11.856,81
09.04.2019	02:15:00	6.967,95	6.573,97	11.653,01
09.04.2019	02:30:00	7.070,62	6.675,69	11.703,50
09.04.2019	02:45:00	6.989,63	6.556,69	11.620,96
09.04.2019	03:00:00	7.005,55	6.559,42	11.390,16
09.04.2019	03:15:00	6.953,12	6.570,97	11.361,27
09.04.2019	03:30:00	7.077,16	6.684,91	11.455,54
09.04.2019	03:45:00	7.138,07	6.733,54	11.453,02
09.04.2019	04:00:00	7.398,24	6.954,07	11.700,16
09.04.2019	04:15:00	7.680,06	7.239,13	12.074,61
09.04.2019	04:30:00	7.763,70	7.322,89	12.306,39
09.04.2019	04:45:00	7.820,05	7.376,46	12.321,16
09.04.2019	05:00:00	8.037,63	7.603,87	12.956,06
09.04.2019	05:15:00	8.321,40	7.915,42	13.759,23
09.04.2019	05:30:00	8.363,10	7.971,91	14.060,80
09.04.2019	05:45:00	8.748,86	8.392,54	14.784,53
09.04.2019	06:00:00	9.126,20	8.773,61	15.721,68
09.04.2019	06:15:00	9.593,13	9.242,86	17.602,13
09.04.2019	06:30:00	9.987,05	9.637,24	19.059,93
09.04.2019	06:45:00	9.874,44	9.346,97	19.501,69
09.04.2019	07:00:00	9.959,53	9.453,90	20.150,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.04.2019	07:15:00	10.444,43	9.937,26	21.104,94
09.04.2019	07:30:00	10.653,77	10.125,17	21.690,16
09.04.2019	07:45:00	10.995,90	10.446,41	22.476,08
09.04.2019	08:00:00	11.313,01	10.742,79	22.990,50
09.04.2019	08:15:00	11.597,21	10.989,92	23.490,97
09.04.2019	08:30:00	11.547,47	10.883,49	23.571,40
09.04.2019	08:45:00	11.681,27	10.991,75	23.959,18
09.04.2019	09:00:00	12.000,42	11.256,19	24.317,24
09.04.2019	09:15:00	12.278,30	11.188,92	23.672,88
09.04.2019	09:30:00	12.210,35	11.289,04	23.810,47
09.04.2019	09:45:00	12.367,54	11.392,97	24.652,46
09.04.2019	10:00:00	12.432,19	11.468,80	25.043,25
09.04.2019	10:15:00	12.582,38	11.458,99	24.796,62
09.04.2019	10:30:00	12.429,76	11.166,63	24.557,75
09.04.2019	10:45:00	12.544,60	11.059,19	24.676,87
09.04.2019	11:00:00	12.705,21	11.278,36	25.059,90
09.04.2019	11:15:00	12.993,03	11.765,69	25.190,96
09.04.2019	11:30:00	12.928,17	11.368,30	24.938,19
09.04.2019	11:45:00	13.060,61	11.323,15	24.886,38
09.04.2019	12:00:00	13.400,52	11.947,83	24.971,74
09.04.2019	12:15:00	13.478,78	12.537,64	25.141,51
09.04.2019	12:30:00	13.786,78	12.624,44	24.762,14
09.04.2019	12:45:00	13.521,97	11.915,60	24.039,52
09.04.2019	13:00:00	13.209,91	11.828,45	23.931,71
09.04.2019	13:15:00	13.120,47	11.641,29	24.194,00
09.04.2019	13:30:00	12.707,30	11.479,08	24.078,64
09.04.2019	13:45:00	12.533,98	11.223,83	23.756,85
09.04.2019	14:00:00	12.383,12	11.135,04	23.644,32
09.04.2019	14:15:00	12.424,11	11.385,66	24.125,90
09.04.2019	14:30:00	12.092,46	11.162,05	23.843,00
09.04.2019	14:45:00	12.062,99	10.675,67	23.369,04
09.04.2019	15:00:00	11.967,61	9.803,71	22.176,59
09.04.2019	15:15:00	11.879,67	10.167,83	22.233,54
09.04.2019	15:30:00	11.883,13	9.183,44	21.061,54
09.04.2019	15:45:00	11.319,63	9.260,90	20.674,25
09.04.2019	16:00:00	11.669,08	10.154,26	21.372,66
09.04.2019	16:15:00	11.779,73	10.094,45	21.099,37
09.04.2019	16:30:00	11.885,80	9.744,16	20.352,03
09.04.2019	16:45:00	11.738,92	10.125,17	20.365,26
09.04.2019	17:00:00	11.900,40	10.798,90	20.957,10
09.04.2019	17:15:00	12.109,84	11.021,05	20.915,06
09.04.2019	17:30:00	12.267,09	11.150,59	20.756,73
09.04.2019	17:45:00	12.203,92	11.147,13	20.528,15
09.04.2019	18:00:00	12.339,21	11.405,76	20.766,44
09.04.2019	18:15:00	12.522,92	11.772,27	20.752,72
09.04.2019	18:30:00	12.710,16	11.998,28	20.755,49
09.04.2019	18:45:00	12.819,75	12.145,32	20.673,20
09.04.2019	19:00:00	12.645,79	12.016,87	20.534,82
09.04.2019	19:15:00	13.035,95	12.413,84	20.858,13
09.04.2019	19:30:00	12.924,78	12.358,12	20.784,04
09.04.2019	19:45:00	13.087,88	12.567,95	20.895,04
09.04.2019	20:00:00	13.291,08	12.884,95	21.028,45
09.04.2019	20:15:00	13.589,02	13.193,17	21.187,92
09.04.2019	20:30:00	14.022,98	13.615,16	21.480,08
09.04.2019	20:45:00	14.008,45	13.559,24	21.514,11
09.04.2019	21:00:00	13.587,53	13.168,19	21.016,23
09.04.2019	21:15:00	13.416,64	13.002,44	20.702,32
09.04.2019	21:30:00	14.154,92	13.723,96	21.356,93
09.04.2019	21:45:00	13.516,02	13.049,60	20.426,44
09.04.2019	22:00:00	13.088,85	12.669,63	19.786,63
09.04.2019	22:15:00	12.688,54	12.262,28	18.977,72
09.04.2019	22:30:00	12.253,16	11.787,67	18.442,19
09.04.2019	22:45:00	12.289,80	11.808,77	18.075,19
09.04.2019	23:00:00	11.984,58	11.545,01	17.550,55
09.04.2019	23:15:00	11.328,70	10.879,11	16.654,18
09.04.2019	23:30:00	10.527,89	10.042,21	15.698,32
09.04.2019	23:45:00	9.903,51	9.395,24	14.809,62
10.04.2019	00:00:00	9.374,52	9.001,76	14.361,02
10.04.2019	00:15:00	8.816,16	8.452,12	13.665,24
10.04.2019	00:30:00	8.354,08	7.951,88	13.213,39
10.04.2019	00:45:00	7.929,55	7.505,41	12.794,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.04.2019	01:00:00	7.549,85	7.161,52	12.462,91
10.04.2019	01:15:00	7.413,14	7.037,11	12.418,60
10.04.2019	01:30:00	7.267,83	6.870,33	12.224,54
10.04.2019	01:45:00	7.114,24	6.672,43	11.920,73
10.04.2019	02:00:00	7.039,44	6.647,67	11.802,80
10.04.2019	02:15:00	7.097,14	6.706,42	11.923,09
10.04.2019	02:30:00	7.136,41	6.744,89	12.049,54
10.04.2019	02:45:00	7.178,74	6.746,10	12.037,22
10.04.2019	03:00:00	7.307,00	6.905,44	12.142,59
10.04.2019	03:15:00	7.190,76	6.799,59	12.027,30
10.04.2019	03:30:00	7.221,67	6.857,04	12.151,05
10.04.2019	03:45:00	7.373,48	7.100,30	12.301,95
10.04.2019	04:00:00	7.495,82	7.217,45	12.365,66
10.04.2019	04:15:00	7.762,79	7.462,14	12.692,25
10.04.2019	04:30:00	7.824,69	7.555,28	12.725,12
10.04.2019	04:45:00	8.042,14	7.777,09	12.961,98
10.04.2019	05:00:00	8.220,31	7.956,71	13.392,34
10.04.2019	05:15:00	8.688,08	8.424,55	14.309,83
10.04.2019	05:30:00	8.600,00	8.319,37	14.395,90
10.04.2019	05:45:00	9.075,65	8.829,96	15.373,10
10.04.2019	06:00:00	9.427,15	9.182,91	16.491,22
10.04.2019	06:15:00	10.016,84	9.762,93	18.479,51
10.04.2019	06:30:00	10.247,45	9.778,33	19.519,48
10.04.2019	06:45:00	10.245,74	9.729,49	20.274,74
10.04.2019	07:00:00	10.298,13	9.786,41	20.872,69
10.04.2019	07:15:00	10.720,04	10.217,48	21.519,06
10.04.2019	07:30:00	10.963,03	10.430,87	22.092,78
10.04.2019	07:45:00	11.422,44	10.845,04	22.807,39
10.04.2019	08:00:00	11.443,99	10.826,72	23.145,29
10.04.2019	08:15:00	11.710,23	11.064,60	23.565,62
10.04.2019	08:30:00	11.814,88	11.187,21	24.069,70
10.04.2019	08:45:00	12.077,95	11.457,86	24.567,92
10.04.2019	09:00:00	12.302,39	11.650,69	24.890,31
10.04.2019	09:15:00	12.257,74	11.505,72	24.273,48
10.04.2019	09:30:00	12.494,85	11.685,44	24.472,85
10.04.2019	09:45:00	12.750,69	11.704,09	24.991,33
10.04.2019	10:00:00	12.905,99	11.494,24	24.831,31
10.04.2019	10:15:00	12.829,58	11.196,42	24.295,36
10.04.2019	10:30:00	12.665,48	11.156,20	24.418,87
10.04.2019	10:45:00	12.576,97	11.105,06	24.676,94
10.04.2019	11:00:00	12.506,83	11.148,56	24.696,34
10.04.2019	11:15:00	12.935,15	11.650,37	25.287,87
10.04.2019	11:30:00	13.218,23	12.072,79	25.701,01
10.04.2019	11:45:00	13.399,33	12.350,56	26.200,96
10.04.2019	12:00:00	13.661,19	12.465,34	26.049,03
10.04.2019	12:15:00	14.239,14	12.712,37	25.592,55
10.04.2019	12:30:00	14.174,43	12.863,90	25.284,51
10.04.2019	12:45:00	13.765,18	12.170,91	24.674,92
10.04.2019	13:00:00	13.545,28	11.984,18	24.518,18
10.04.2019	13:15:00	13.387,27	11.706,74	24.260,28
10.04.2019	13:30:00	13.135,22	11.242,45	23.989,65
10.04.2019	13:45:00	13.007,60	11.189,18	23.936,30
10.04.2019	14:00:00	12.635,47	10.636,35	23.164,93
10.04.2019	14:15:00	12.288,30	10.186,07	22.958,59
10.04.2019	14:30:00	12.143,91	10.509,52	23.251,38
10.04.2019	14:45:00	12.253,94	10.600,10	22.897,74
10.04.2019	15:00:00	11.972,54	10.571,11	22.821,26
10.04.2019	15:15:00	11.899,40	10.564,84	22.559,10
10.04.2019	15:30:00	11.898,57	10.296,86	21.940,66
10.04.2019	15:45:00	11.993,71	10.200,32	21.496,52
10.04.2019	16:00:00	12.206,08	10.557,58	21.532,16
10.04.2019	16:15:00	11.895,49	10.604,11	21.099,05
10.04.2019	16:30:00	11.796,55	10.697,88	20.766,10
10.04.2019	16:45:00	12.053,85	11.097,97	20.929,69
10.04.2019	17:00:00	12.177,51	11.344,90	20.947,58
10.04.2019	17:15:00	12.441,88	11.699,98	21.358,31
10.04.2019	17:30:00	12.818,49	12.248,12	21.856,28
10.04.2019	17:45:00	13.268,63	12.750,30	22.085,99
10.04.2019	18:00:00	13.415,06	12.946,34	21.991,88
10.04.2019	18:15:00	13.410,99	12.906,21	21.629,08
10.04.2019	18:30:00	13.406,75	12.823,51	21.403,88

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.04.2019	18:45:00	13.218,20	12.639,63	20.935,54
10.04.2019	19:00:00	12.928,76	12.313,67	20.551,34
10.04.2019	19:15:00	13.052,69	12.444,60	20.710,77
10.04.2019	19:30:00	13.198,81	12.648,78	20.842,00
10.04.2019	19:45:00	13.095,99	12.650,43	20.597,63
10.04.2019	20:00:00	13.183,58	12.671,24	20.740,86
10.04.2019	20:15:00	13.345,34	12.787,33	20.904,08
10.04.2019	20:30:00	13.854,40	13.329,95	21.353,57
10.04.2019	20:45:00	13.984,79	13.454,19	21.315,88
10.04.2019	21:00:00	13.826,33	13.246,67	21.052,21
10.04.2019	21:15:00	13.710,68	13.165,13	20.629,87
10.04.2019	21:30:00	14.278,24	13.756,20	21.030,80
10.04.2019	21:45:00	13.684,13	13.126,03	20.285,58
10.04.2019	22:00:00	13.244,08	12.677,51	19.563,36
10.04.2019	22:15:00	12.881,98	12.344,38	18.870,02
10.04.2019	22:30:00	12.433,28	11.887,65	18.242,03
10.04.2019	22:45:00	12.335,09	11.742,48	17.800,99
10.04.2019	23:00:00	12.234,72	11.668,20	17.452,72
10.04.2019	23:15:00	11.704,80	11.164,22	16.879,43
10.04.2019	23:30:00	11.062,50	10.495,36	16.153,63
10.04.2019	23:45:00	10.361,87	9.752,02	15.259,02
11.04.2019	00:00:00	9.897,08	9.431,74	14.884,41
11.04.2019	00:15:00	9.343,62	8.879,11	14.253,60
11.04.2019	00:30:00	8.848,92	8.355,27	13.717,04
11.04.2019	00:45:00	8.608,98	8.093,87	13.418,61
11.04.2019	01:00:00	8.150,52	7.856,40	13.188,92
11.04.2019	01:15:00	7.982,85	7.713,85	12.901,65
11.04.2019	01:30:00	7.923,83	7.620,05	12.799,03
11.04.2019	01:45:00	7.803,83	7.491,68	12.707,54
11.04.2019	02:00:00	7.812,19	7.539,88	12.719,43
11.04.2019	02:15:00	7.709,87	7.437,44	12.522,96
11.04.2019	02:30:00	7.692,36	7.386,12	12.343,67
11.04.2019	02:45:00	7.707,17	7.384,94	12.442,70
11.04.2019	03:00:00	7.758,09	7.477,99	12.516,65
11.04.2019	03:15:00	7.717,06	7.442,28	12.601,06
11.04.2019	03:30:00	7.839,13	7.537,17	12.817,97
11.04.2019	03:45:00	7.856,31	7.566,96	12.824,05
11.04.2019	04:00:00	8.122,04	7.856,74	12.947,47
11.04.2019	04:15:00	8.416,97	8.080,18	13.202,17
11.04.2019	04:30:00	8.554,08	8.212,80	13.345,10
11.04.2019	04:45:00	8.657,75	8.304,08	13.645,54
11.04.2019	05:00:00	8.932,16	8.590,69	14.148,46
11.04.2019	05:15:00	9.391,23	9.075,81	14.979,03
11.04.2019	05:30:00	9.115,70	8.824,99	15.080,66
11.04.2019	05:45:00	9.617,97	9.291,30	15.876,61
11.04.2019	06:00:00	10.064,85	9.581,44	16.803,40
11.04.2019	06:15:00	10.406,93	9.939,59	18.443,97
11.04.2019	06:30:00	10.544,12	10.100,87	19.497,22
11.04.2019	06:45:00	10.020,90	9.573,84	19.657,18
11.04.2019	07:00:00	10.229,74	9.776,30	20.546,10
11.04.2019	07:15:00	10.625,40	10.074,03	21.299,18
11.04.2019	07:30:00	10.831,40	10.189,30	21.695,72
11.04.2019	07:45:00	10.820,55	10.063,81	21.950,72
11.04.2019	08:00:00	10.895,42	10.022,75	22.224,68
11.04.2019	08:15:00	10.945,22	9.972,11	22.317,62
11.04.2019	08:30:00	10.923,06	9.852,07	22.347,60
11.04.2019	08:45:00	10.757,43	9.469,19	22.139,84
11.04.2019	09:00:00	10.708,93	9.136,17	21.632,94
11.04.2019	09:15:00	10.729,37	8.863,96	20.541,36
11.04.2019	09:30:00	10.750,29	8.515,85	20.222,42
11.04.2019	09:45:00	10.977,66	8.356,44	20.773,86
11.04.2019	10:00:00	11.093,91	8.516,84	21.042,86
11.04.2019	10:15:00	10.891,90	8.100,78	20.684,48
11.04.2019	10:30:00	11.366,75	7.780,02	20.443,80
11.04.2019	10:45:00	11.295,84	7.399,00	20.284,62
11.04.2019	11:00:00	11.831,95	8.200,55	21.241,53
11.04.2019	11:15:00	12.236,83	8.639,24	21.573,78
11.04.2019	11:30:00	12.086,22	7.739,33	20.714,76
11.04.2019	11:45:00	11.941,32	7.265,88	20.106,36
11.04.2019	12:00:00	12.277,45	6.646,57	19.446,80
11.04.2019	12:15:00	12.470,55	6.639,64	18.766,43

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.04.2019	12:30:00	12.263,79	6.776,07	18.426,20
11.04.2019	12:45:00	11.881,47	6.468,66	18.303,55
11.04.2019	13:00:00	12.170,10	6.155,07	18.005,02
11.04.2019	13:15:00	12.260,53	6.270,04	18.199,85
11.04.2019	13:30:00	12.054,75	6.687,48	18.778,16
11.04.2019	13:45:00	11.450,99	7.322,27	19.650,14
11.04.2019	14:00:00	11.806,16	7.864,15	19.875,13
11.04.2019	14:15:00	10.934,36	7.997,04	19.991,50
11.04.2019	14:30:00	11.026,02	6.980,44	18.608,28
11.04.2019	14:45:00	10.677,30	6.064,69	17.813,48
11.04.2019	15:00:00	10.952,37	5.849,04	17.527,45
11.04.2019	15:15:00	11.858,03	6.256,22	17.762,25
11.04.2019	15:30:00	10.102,64	5.788,60	17.055,76
11.04.2019	15:45:00	12.042,44	5.938,83	16.910,37
11.04.2019	16:00:00	11.561,49	6.760,57	17.147,42
11.04.2019	16:15:00	12.322,20	7.309,04	17.378,34
11.04.2019	16:30:00	10.954,05	8.260,31	17.879,04
11.04.2019	16:45:00	11.013,82	8.847,75	18.307,84
11.04.2019	17:00:00	11.231,56	9.627,53	18.758,95
11.04.2019	17:15:00	11.445,77	9.533,03	18.353,54
11.04.2019	17:30:00	12.540,47	9.249,54	17.942,38
11.04.2019	17:45:00	11.671,45	9.780,33	18.372,16
11.04.2019	18:00:00	11.915,39	10.264,88	18.847,21
11.04.2019	18:15:00	11.894,98	10.438,63	18.840,43
11.04.2019	18:30:00	12.357,74	10.682,67	18.807,10
11.04.2019	18:45:00	12.173,66	11.006,95	18.827,85
11.04.2019	19:00:00	12.084,59	10.911,14	18.556,11
11.04.2019	19:15:00	12.208,70	11.083,08	18.826,78
11.04.2019	19:30:00	12.485,26	11.447,42	19.317,66
11.04.2019	19:45:00	12.433,65	11.651,29	19.471,00
11.04.2019	20:00:00	12.483,25	11.948,49	19.965,59
11.04.2019	20:15:00	12.721,61	12.293,93	20.014,85
11.04.2019	20:30:00	13.143,08	12.683,66	20.316,44
11.04.2019	20:45:00	13.807,37	13.347,17	20.733,87
11.04.2019	21:00:00	13.644,81	13.195,74	20.489,86
11.04.2019	21:15:00	13.702,85	13.260,42	20.425,57
11.04.2019	21:30:00	14.332,86	13.897,49	21.013,50
11.04.2019	21:45:00	13.718,53	13.261,59	20.359,20
11.04.2019	22:00:00	13.238,62	12.819,69	19.617,26
11.04.2019	22:15:00	13.119,82	12.699,15	19.318,84
11.04.2019	22:30:00	12.850,13	12.380,96	18.981,56
11.04.2019	22:45:00	12.995,78	12.520,98	18.791,52
11.04.2019	23:00:00	12.759,83	12.308,90	18.378,61
11.04.2019	23:15:00	12.020,55	11.574,27	17.321,22
11.04.2019	23:30:00	11.217,78	10.724,26	16.229,43
11.04.2019	23:45:00	10.663,19	10.210,82	15.752,00
12.04.2019	00:00:00	10.065,92	9.498,03	14.935,62
12.04.2019	00:15:00	9.495,34	8.896,86	14.198,36
12.04.2019	00:30:00	9.030,54	8.401,27	13.862,21
12.04.2019	00:45:00	8.757,76	8.138,28	13.469,14
12.04.2019	01:00:00	8.453,94	7.870,14	13.225,66
12.04.2019	01:15:00	8.363,86	7.742,68	13.223,75
12.04.2019	01:30:00	8.157,22	7.515,84	12.831,37
12.04.2019	01:45:00	8.019,99	7.388,15	12.600,70
12.04.2019	02:00:00	8.005,55	7.396,79	12.656,96
12.04.2019	02:15:00	8.072,88	7.442,19	12.608,29
12.04.2019	02:30:00	8.214,41	7.579,39	12.708,85
12.04.2019	02:45:00	8.253,28	7.660,65	12.811,30
12.04.2019	03:00:00	8.402,90	7.821,61	12.913,94
12.04.2019	03:15:00	8.394,76	7.770,60	12.941,08
12.04.2019	03:30:00	8.573,72	7.942,08	13.114,38
12.04.2019	03:45:00	8.539,37	8.024,30	13.105,96
12.04.2019	04:00:00	8.660,62	8.190,66	13.282,47
12.04.2019	04:15:00	9.022,97	8.514,57	13.752,25
12.04.2019	04:30:00	9.238,06	8.721,66	13.895,11
12.04.2019	04:45:00	9.151,64	8.633,57	13.806,28
12.04.2019	05:00:00	9.280,16	8.771,56	14.254,22
12.04.2019	05:15:00	9.688,34	9.214,50	15.019,04
12.04.2019	05:30:00	9.384,05	8.930,06	14.971,58
12.04.2019	05:45:00	9.719,76	9.264,47	15.831,58
12.04.2019	06:00:00	10.024,39	9.576,75	16.677,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.04.2019	06:15:00	10.403,55	9.939,18	18.243,59
12.04.2019	06:30:00	10.602,10	10.074,73	19.435,95
12.04.2019	06:45:00	10.240,13	9.703,50	19.793,03
12.04.2019	07:00:00	10.363,60	9.830,94	20.359,28
12.04.2019	07:15:00	10.936,43	10.329,31	21.500,52
12.04.2019	07:30:00	11.143,76	10.479,34	21.968,68
12.04.2019	07:45:00	11.344,91	10.572,76	22.564,50
12.04.2019	08:00:00	11.654,45	10.797,88	23.234,34
12.04.2019	08:15:00	11.939,39	10.894,32	23.303,54
12.04.2019	08:30:00	11.884,55	10.677,82	23.346,60
12.04.2019	08:45:00	11.981,25	10.614,08	23.672,98
12.04.2019	09:00:00	12.046,31	10.402,29	23.343,16
12.04.2019	09:15:00	12.208,15	10.360,58	22.478,56
12.04.2019	09:30:00	12.320,15	10.429,97	22.708,31
12.04.2019	09:45:00	12.464,51	10.369,58	22.995,35
12.04.2019	10:00:00	12.501,56	10.352,92	23.027,10
12.04.2019	10:15:00	12.786,13	10.133,92	22.607,34
12.04.2019	10:30:00	12.304,78	9.107,06	21.443,08
12.04.2019	10:45:00	11.838,12	8.602,08	21.282,25
12.04.2019	11:00:00	12.278,23	8.326,52	20.918,47
12.04.2019	11:15:00	12.141,67	8.911,53	21.340,04
12.04.2019	11:30:00	12.533,79	9.244,93	21.566,06
12.04.2019	11:45:00	12.572,83	8.580,51	20.974,56
12.04.2019	12:00:00	12.730,26	6.749,58	18.642,93
12.04.2019	12:15:00	12.867,98	6.965,91	18.063,96
12.04.2019	12:30:00	13.126,05	7.058,14	17.763,38
12.04.2019	12:45:00	12.830,15	6.631,72	17.266,19
12.04.2019	13:00:00	11.849,81	6.646,23	17.294,25
12.04.2019	13:15:00	12.763,44	7.836,53	18.634,85
12.04.2019	13:30:00	14.471,32	8.206,32	18.863,64
12.04.2019	13:45:00	12.608,55	8.376,99	18.660,42
12.04.2019	14:00:00	11.291,15	7.946,15	18.334,51
12.04.2019	14:15:00	11.142,11	7.850,69	18.330,51
12.04.2019	14:30:00	11.851,35	8.207,38	18.546,92
12.04.2019	14:45:00	11.277,56	8.524,31	19.022,98
12.04.2019	15:00:00	11.457,32	9.015,90	19.288,10
12.04.2019	15:15:00	11.867,83	9.466,73	19.386,53
12.04.2019	15:30:00	11.877,05	9.582,22	19.314,89
12.04.2019	15:45:00	12.102,14	9.630,48	19.235,62
12.04.2019	16:00:00	12.022,97	9.932,02	19.334,78
12.04.2019	16:15:00	12.145,31	10.335,48	19.375,77
12.04.2019	16:30:00	12.157,20	10.521,01	19.340,43
12.04.2019	16:45:00	12.108,80	10.575,18	19.133,85
12.04.2019	17:00:00	12.120,14	10.876,43	19.136,80
12.04.2019	17:15:00	12.346,73	11.237,83	19.216,48
12.04.2019	17:30:00	12.395,84	11.388,13	19.353,05
12.04.2019	17:45:00	12.641,67	11.718,48	19.606,64
12.04.2019	18:00:00	12.938,86	11.988,80	19.815,42
12.04.2019	18:15:00	12.760,00	11.831,42	19.449,66
12.04.2019	18:30:00	12.840,75	12.055,55	19.677,10
12.04.2019	18:45:00	12.815,01	12.135,36	19.521,88
12.04.2019	19:00:00	12.752,37	12.014,30	19.433,18
12.04.2019	19:15:00	12.918,26	12.246,15	19.609,22
12.04.2019	19:30:00	12.924,40	12.285,77	19.452,14
12.04.2019	19:45:00	12.853,52	12.220,98	19.116,26
12.04.2019	20:00:00	12.977,52	12.387,13	19.172,28
12.04.2019	20:15:00	13.076,31	12.492,48	19.087,02
12.04.2019	20:30:00	13.207,37	12.629,51	19.021,94
12.04.2019	20:45:00	13.438,75	12.883,52	19.328,70
12.04.2019	21:00:00	13.231,33	12.683,33	18.938,51
12.04.2019	21:15:00	13.255,97	12.669,50	18.636,88
12.04.2019	21:30:00	14.063,49	13.522,96	19.559,76
12.04.2019	21:45:00	13.644,15	13.100,46	18.983,08
12.04.2019	22:00:00	13.306,46	12.715,15	18.577,96
12.04.2019	22:15:00	13.281,94	12.731,76	18.438,14
12.04.2019	22:30:00	13.420,60	12.881,00	18.444,08
12.04.2019	22:45:00	13.579,04	13.001,58	18.389,46
12.04.2019	23:00:00	13.380,08	12.820,56	18.060,52
12.04.2019	23:15:00	12.715,48	12.279,80	17.353,04
12.04.2019	23:30:00	11.934,95	11.472,09	16.499,26
12.04.2019	23:45:00	11.382,79	10.884,64	15.876,11

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.04.2019	00:00:00	10.950,35	10.483,74	15.471,09
13.04.2019	00:15:00	10.493,46	10.033,98	14.849,00
13.04.2019	00:30:00	10.028,71	9.522,64	14.428,81
13.04.2019	00:45:00	9.652,87	9.135,88	13.956,54
13.04.2019	01:00:00	9.337,16	8.826,25	13.591,05
13.04.2019	01:15:00	9.111,41	8.600,45	13.417,96
13.04.2019	01:30:00	8.807,57	8.294,94	13.184,37
13.04.2019	01:45:00	8.604,82	8.118,58	12.986,51
13.04.2019	02:00:00	8.482,09	7.962,28	12.847,41
13.04.2019	02:15:00	8.330,62	7.969,47	12.568,39
13.04.2019	02:30:00	8.366,92	8.096,12	12.650,30
13.04.2019	02:45:00	8.274,24	7.981,62	12.584,16
13.04.2019	03:00:00	8.205,66	7.880,20	12.324,71
13.04.2019	03:15:00	8.192,32	7.838,65	12.340,36
13.04.2019	03:30:00	8.456,52	8.028,09	12.602,57
13.04.2019	03:45:00	8.507,13	8.081,76	12.510,58
13.04.2019	04:00:00	8.583,24	8.159,20	12.533,12
13.04.2019	04:15:00	8.607,41	8.208,32	12.513,57
13.04.2019	04:30:00	8.694,74	8.278,92	12.479,19
13.04.2019	04:45:00	8.574,56	8.177,28	12.369,96
13.04.2019	05:00:00	8.654,02	8.272,83	12.594,02
13.04.2019	05:15:00	8.678,44	8.311,22	12.964,86
13.04.2019	05:30:00	8.507,06	8.103,25	12.811,22
13.04.2019	05:45:00	8.641,90	8.241,51	12.994,79
13.04.2019	06:00:00	8.790,33	8.411,45	13.472,60
13.04.2019	06:15:00	8.944,04	8.585,91	13.863,87
13.04.2019	06:30:00	9.080,04	8.702,54	14.228,72
13.04.2019	06:45:00	8.636,27	8.080,53	13.611,18
13.04.2019	07:00:00	8.431,02	7.871,89	13.440,24
13.04.2019	07:15:00	8.867,07	8.269,54	13.988,62
13.04.2019	07:30:00	9.223,89	8.554,51	14.217,52
13.04.2019	07:45:00	9.533,24	8.754,28	14.609,71
13.04.2019	08:00:00	9.710,98	8.921,98	14.790,04
13.04.2019	08:15:00	10.454,12	9.681,26	15.668,95
13.04.2019	08:30:00	10.536,03	9.761,23	15.786,79
13.04.2019	08:45:00	10.893,61	9.983,27	16.094,07
13.04.2019	09:00:00	11.084,01	9.935,27	16.124,80
13.04.2019	09:15:00	11.499,03	10.248,90	16.143,75
13.04.2019	09:30:00	11.743,73	10.184,69	16.120,97
13.04.2019	09:45:00	11.926,87	9.878,97	15.779,10
13.04.2019	10:00:00	12.047,08	9.920,80	15.729,75
13.04.2019	10:15:00	12.404,88	10.343,40	16.206,50
13.04.2019	10:30:00	12.566,06	10.228,03	15.944,90
13.04.2019	10:45:00	12.565,52	9.892,78	15.334,84
13.04.2019	11:00:00	12.758,99	9.850,88	15.303,57
13.04.2019	11:15:00	12.733,29	9.200,14	14.622,92
13.04.2019	11:30:00	12.851,00	10.108,57	15.463,66
13.04.2019	11:45:00	13.312,18	11.448,20	16.884,01
13.04.2019	12:00:00	13.427,94	11.280,69	16.742,11
13.04.2019	12:15:00	13.509,25	11.712,52	16.969,69
13.04.2019	12:30:00	13.706,15	12.109,42	17.372,16
13.04.2019	12:45:00	13.712,73	12.069,24	17.184,18
13.04.2019	13:00:00	13.777,17	12.178,69	17.157,90
13.04.2019	13:15:00	13.784,14	12.305,81	17.282,85
13.04.2019	13:30:00	14.149,31	13.032,90	18.004,77
13.04.2019	13:45:00	14.018,69	12.812,21	17.707,75
13.04.2019	14:00:00	13.725,46	12.373,57	17.253,99
13.04.2019	14:15:00	13.426,50	11.869,03	16.648,16
13.04.2019	14:30:00	13.076,01	11.725,83	16.424,52
13.04.2019	14:45:00	12.835,53	11.364,03	16.045,14
13.04.2019	15:00:00	12.744,38	11.267,44	15.864,21
13.04.2019	15:15:00	12.686,26	10.787,58	15.299,44
13.04.2019	15:30:00	12.202,27	10.172,27	14.713,19
13.04.2019	15:45:00	11.881,12	9.980,93	14.496,16
13.04.2019	16:00:00	11.817,35	10.152,60	14.597,50
13.04.2019	16:15:00	12.055,43	10.420,91	14.876,61
13.04.2019	16:30:00	11.712,16	10.462,90	14.919,97
13.04.2019	16:45:00	11.947,26	10.729,03	15.303,69
13.04.2019	17:00:00	11.975,71	10.768,80	15.396,22
13.04.2019	17:15:00	12.025,19	11.169,14	15.833,88
13.04.2019	17:30:00	12.220,98	11.479,29	16.054,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.04.2019	17:45:00	12.537,06	11.764,26	16.414,29
13.04.2019	18:00:00	12.714,89	11.938,45	16.653,68
13.04.2019	18:15:00	12.647,41	11.781,03	16.237,04
13.04.2019	18:30:00	12.731,90	12.105,20	16.680,72
13.04.2019	18:45:00	13.017,43	12.424,41	17.049,07
13.04.2019	19:00:00	12.737,96	12.202,28	16.830,28
13.04.2019	19:15:00	12.978,95	12.359,52	17.139,84
13.04.2019	19:30:00	12.982,27	12.363,36	16.984,72
13.04.2019	19:45:00	13.039,77	12.509,90	17.024,20
13.04.2019	20:00:00	12.874,86	12.433,54	17.017,08
13.04.2019	20:15:00	13.121,89	12.664,29	17.168,12
13.04.2019	20:30:00	13.543,17	13.069,56	17.386,74
13.04.2019	20:45:00	13.506,98	13.032,23	17.438,75
13.04.2019	21:00:00	13.212,69	12.634,65	17.024,97
13.04.2019	21:15:00	13.318,13	12.761,37	16.924,56
13.04.2019	21:30:00	13.977,64	13.412,97	17.624,89
13.04.2019	21:45:00	13.498,67	12.934,13	17.038,13
13.04.2019	22:00:00	13.152,50	12.607,95	16.626,84
13.04.2019	22:15:00	13.372,24	12.813,14	16.874,36
13.04.2019	22:30:00	13.575,84	12.983,68	16.904,64
13.04.2019	22:45:00	13.751,11	13.164,81	16.938,86
13.04.2019	23:00:00	13.671,66	13.091,47	16.897,82
13.04.2019	23:15:00	13.196,15	12.611,71	16.309,87
13.04.2019	23:30:00	12.556,34	11.979,20	15.564,30
13.04.2019	23:45:00	11.951,79	11.376,56	15.044,59
14.04.2019	00:00:00	11.451,98	10.845,63	14.505,25
14.04.2019	00:15:00	11.010,92	10.444,30	14.039,14
14.04.2019	00:30:00	10.512,91	9.940,89	13.584,03
14.04.2019	00:45:00	10.246,40	9.620,86	13.296,60
14.04.2019	01:00:00	9.810,07	9.255,60	12.913,27
14.04.2019	01:15:00	9.536,25	9.030,16	12.672,12
14.04.2019	01:30:00	9.345,18	8.836,32	12.488,54
14.04.2019	01:45:00	9.068,63	8.677,62	12.207,10
14.04.2019	02:00:00	8.950,63	8.644,04	12.261,36
14.04.2019	02:15:00	9.007,28	8.730,51	12.368,40
14.04.2019	02:30:00	8.983,70	8.718,06	12.230,52
14.04.2019	02:45:00	8.853,67	8.564,05	12.219,73
14.04.2019	03:00:00	8.876,37	8.559,85	12.194,68
14.04.2019	03:15:00	8.583,79	8.271,62	11.917,85
14.04.2019	03:30:00	8.678,10	8.391,04	12.136,01
14.04.2019	03:45:00	8.694,15	8.300,32	11.936,09
14.04.2019	04:00:00	8.801,78	8.295,91	11.814,44
14.04.2019	04:15:00	8.928,30	8.417,92	11.993,47
14.04.2019	04:30:00	8.884,18	8.291,02	11.873,70
14.04.2019	04:45:00	8.858,54	8.221,19	11.678,08
14.04.2019	05:00:00	8.853,25	8.221,46	11.769,36
14.04.2019	05:15:00	8.785,35	8.194,54	11.828,05
14.04.2019	05:30:00	8.458,90	7.845,87	11.442,64
14.04.2019	05:45:00	8.547,76	7.909,45	11.475,14
14.04.2019	06:00:00	8.532,79	7.907,70	11.491,34
14.04.2019	06:15:00	8.457,95	7.840,58	11.457,39
14.04.2019	06:30:00	8.312,03	7.693,48	11.395,61
14.04.2019	06:45:00	7.787,34	7.162,37	10.802,02
14.04.2019	07:00:00	7.480,10	6.850,16	10.346,22
14.04.2019	07:15:00	7.912,36	7.283,17	10.899,11
14.04.2019	07:30:00	8.173,78	7.529,12	11.179,37
14.04.2019	07:45:00	8.563,93	7.899,64	11.568,31
14.04.2019	08:00:00	8.962,83	8.215,52	11.947,62
14.04.2019	08:15:00	9.152,76	8.181,85	11.972,90
14.04.2019	08:30:00	9.029,17	7.972,44	11.672,20
14.04.2019	08:45:00	9.497,57	8.290,65	11.992,90
14.04.2019	09:00:00	10.104,87	9.022,30	12.866,94
14.04.2019	09:15:00	10.425,60	9.423,16	13.190,43
14.04.2019	09:30:00	10.853,45	9.764,16	13.518,45
14.04.2019	09:45:00	11.125,48	9.667,45	13.441,64
14.04.2019	10:00:00	11.298,91	9.281,57	13.022,28
14.04.2019	10:15:00	11.594,73	9.489,79	13.280,45
14.04.2019	10:30:00	11.724,16	9.683,86	13.416,14
14.04.2019	10:45:00	11.634,14	9.629,15	13.368,25
14.04.2019	11:00:00	12.132,12	9.925,17	13.769,83
14.04.2019	11:15:00	12.645,75	9.724,94	13.535,90

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.04.2019	11:30:00	12.197,79	8.903,48	12.661,30
14.04.2019	11:45:00	11.403,68	8.792,98	12.509,27
14.04.2019	12:00:00	11.850,01	8.182,95	11.876,99
14.04.2019	12:15:00	12.728,95	9.110,02	12.841,10
14.04.2019	12:30:00	13.558,18	8.327,62	12.052,25
14.04.2019	12:45:00	12.739,81	8.857,13	12.567,04
14.04.2019	13:00:00	13.344,22	8.912,90	12.669,78
14.04.2019	13:15:00	13.346,00	9.144,62	12.885,69
14.04.2019	13:30:00	12.337,54	9.184,94	12.970,60
14.04.2019	13:45:00	12.312,48	8.248,08	11.994,06
14.04.2019	14:00:00	11.635,90	8.245,59	11.988,32
14.04.2019	14:15:00	11.719,78	7.786,80	11.464,10
14.04.2019	14:30:00	11.823,24	8.071,35	11.725,16
14.04.2019	14:45:00	10.963,95	8.580,48	12.284,74
14.04.2019	15:00:00	10.710,00	8.508,64	12.195,02
14.04.2019	15:15:00	10.672,19	8.296,37	12.099,14
14.04.2019	15:30:00	10.534,96	8.214,68	11.971,56
14.04.2019	15:45:00	10.475,37	8.283,75	12.181,39
14.04.2019	16:00:00	10.482,65	7.598,14	11.419,69
14.04.2019	16:15:00	10.894,66	6.612,84	10.370,36
14.04.2019	16:30:00	11.138,68	5.983,64	9.684,99
14.04.2019	16:45:00	11.055,19	6.839,33	10.548,00
14.04.2019	17:00:00	10.323,17	6.873,29	10.570,24
14.04.2019	17:15:00	11.101,84	8.177,82	11.873,63
14.04.2019	17:30:00	10.526,99	8.816,11	12.466,69
14.04.2019	17:45:00	11.997,58	9.439,51	13.197,90
14.04.2019	18:00:00	11.404,00	10.204,24	14.025,84
14.04.2019	18:15:00	11.475,50	9.972,37	13.766,36
14.04.2019	18:30:00	12.014,68	9.652,70	13.294,70
14.04.2019	18:45:00	12.048,15	9.599,72	13.344,52
14.04.2019	19:00:00	12.052,41	10.246,13	14.100,93
14.04.2019	19:15:00	11.973,57	10.605,57	14.434,68
14.04.2019	19:30:00	12.238,32	11.237,90	15.075,24
14.04.2019	19:45:00	11.989,18	11.240,31	15.053,22
14.04.2019	20:00:00	11.963,07	11.365,57	15.261,72
14.04.2019	20:15:00	12.329,29	11.825,91	15.766,06
14.04.2019	20:30:00	12.791,79	12.310,19	16.438,46
14.04.2019	20:45:00	13.428,83	12.887,42	17.017,71
14.04.2019	21:00:00	13.187,66	12.597,95	16.710,09
14.04.2019	21:15:00	13.286,16	12.698,54	16.713,30
14.04.2019	21:30:00	13.991,89	13.411,63	17.429,05
14.04.2019	21:45:00	13.618,91	13.030,92	17.038,93
14.04.2019	22:00:00	13.259,95	12.668,69	16.705,20
14.04.2019	22:15:00	13.154,07	12.561,89	16.701,16
14.04.2019	22:30:00	12.858,29	12.262,16	16.381,93
14.04.2019	22:45:00	13.030,75	12.438,86	16.650,66
14.04.2019	23:00:00	12.806,12	12.210,26	16.461,59
14.04.2019	23:15:00	12.324,33	11.724,73	15.916,97
14.04.2019	23:30:00	11.664,34	11.061,93	15.227,86
14.04.2019	23:45:00	11.017,16	10.407,35	14.565,72
15.04.2019	00:00:00	10.505,93	9.960,75	14.125,78
15.04.2019	00:15:00	10.006,80	9.588,25	13.721,36
15.04.2019	00:30:00	9.598,29	9.202,65	13.410,66
15.04.2019	00:45:00	9.355,98	8.945,43	13.108,93
15.04.2019	01:00:00	9.185,13	8.761,60	12.981,37
15.04.2019	01:15:00	9.001,13	8.575,87	12.791,56
15.04.2019	01:30:00	8.853,52	8.424,35	12.608,18
15.04.2019	01:45:00	8.726,35	8.235,53	12.345,85
15.04.2019	02:00:00	8.681,23	8.046,84	12.073,66
15.04.2019	02:15:00	8.701,13	8.064,37	12.150,79
15.04.2019	02:30:00	8.700,11	8.105,15	12.156,68
15.04.2019	02:45:00	8.706,65	8.142,21	12.174,57
15.04.2019	03:00:00	8.696,95	8.132,01	12.245,24
15.04.2019	03:15:00	8.609,76	8.154,74	12.327,88
15.04.2019	03:30:00	8.732,82	8.280,19	12.527,94
15.04.2019	03:45:00	8.857,40	8.404,05	12.666,64
15.04.2019	04:00:00	9.051,75	8.600,34	13.018,88
15.04.2019	04:15:00	9.201,41	8.752,75	13.075,04
15.04.2019	04:30:00	9.162,95	8.711,77	13.074,64
15.04.2019	04:45:00	9.155,65	8.704,58	13.045,60
15.04.2019	05:00:00	9.220,74	8.779,52	13.398,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.04.2019	05:15:00	9.435,10	9.007,96	14.428,87
15.04.2019	05:30:00	9.221,50	8.723,90	14.558,32
15.04.2019	05:45:00	9.752,43	9.255,50	15.582,02
15.04.2019	06:00:00	10.045,73	9.557,52	16.648,97
15.04.2019	06:15:00	10.342,13	9.862,94	18.409,70
15.04.2019	06:30:00	10.104,83	9.637,27	18.727,56
15.04.2019	06:45:00	9.767,04	9.303,85	19.043,37
15.04.2019	07:00:00	9.810,36	9.332,67	19.475,94
15.04.2019	07:15:00	10.231,98	9.657,03	20.240,32
15.04.2019	07:30:00	10.503,83	9.755,07	20.758,96
15.04.2019	07:45:00	10.604,65	9.829,02	21.057,76
15.04.2019	08:00:00	10.623,46	9.717,30	20.996,58
15.04.2019	08:15:00	10.650,19	9.644,70	21.157,18
15.04.2019	08:30:00	10.509,04	9.346,21	20.963,63
15.04.2019	08:45:00	10.400,31	9.005,74	20.818,52
15.04.2019	09:00:00	10.507,94	8.782,09	20.458,33
15.04.2019	09:15:00	10.429,55	8.336,59	19.447,76
15.04.2019	09:30:00	10.755,69	8.264,34	19.508,88
15.04.2019	09:45:00	10.750,02	7.878,87	19.601,33
15.04.2019	10:00:00	10.877,71	7.595,63	19.233,82
15.04.2019	10:15:00	11.108,94	7.458,28	19.004,06
15.04.2019	10:30:00	11.096,72	7.106,95	18.802,66
15.04.2019	10:45:00	11.155,34	6.825,38	18.643,55
15.04.2019	11:00:00	11.467,26	7.017,08	19.206,34
15.04.2019	11:15:00	11.337,04	6.415,04	18.232,38
15.04.2019	11:30:00	11.612,48	6.361,69	18.011,22
15.04.2019	11:45:00	11.953,15	6.419,20	17.847,90
15.04.2019	12:00:00	12.182,69	6.441,92	17.867,20
15.04.2019	12:15:00	12.095,52	6.199,40	16.882,78
15.04.2019	12:30:00	12.127,39	6.306,29	16.813,98
15.04.2019	12:45:00	11.990,40	5.797,39	16.441,50
15.04.2019	13:00:00	11.771,18	5.478,43	16.090,16
15.04.2019	13:15:00	11.715,29	5.277,44	16.135,54
15.04.2019	13:30:00	11.524,56	5.121,01	16.102,34
15.04.2019	13:45:00	11.479,73	5.190,13	16.319,45
15.04.2019	14:00:00	11.314,89	4.744,91	15.830,54
15.04.2019	14:15:00	11.627,61	4.950,02	15.914,69
15.04.2019	14:30:00	10.921,12	5.091,80	15.780,92
15.04.2019	14:45:00	10.685,08	4.884,04	15.597,66
15.04.2019	15:00:00	11.181,34	4.762,73	15.394,01
15.04.2019	15:15:00	11.149,25	4.888,55	15.258,64
15.04.2019	15:30:00	11.274,91	5.018,65	15.066,18
15.04.2019	15:45:00	11.302,85	5.285,09	14.985,85
15.04.2019	16:00:00	11.354,96	5.479,79	14.988,15
15.04.2019	16:15:00	11.375,27	5.775,96	15.089,42
15.04.2019	16:30:00	11.492,67	6.226,66	15.295,68
15.04.2019	16:45:00	11.668,91	6.523,24	15.297,26
15.04.2019	17:00:00	11.706,71	6.916,82	15.607,51
15.04.2019	17:15:00	11.738,21	7.245,44	16.153,57
15.04.2019	17:30:00	12.077,19	7.924,04	16.771,72
15.04.2019	17:45:00	12.091,87	8.326,84	17.120,99
15.04.2019	18:00:00	12.107,49	8.776,69	17.354,16
15.04.2019	18:15:00	12.117,68	9.181,19	17.481,10
15.04.2019	18:30:00	12.266,02	9.692,88	17.846,28
15.04.2019	18:45:00	12.222,77	10.073,78	18.103,26
15.04.2019	19:00:00	12.040,91	10.320,29	18.052,04
15.04.2019	19:15:00	12.212,95	10.897,49	18.442,59
15.04.2019	19:30:00	12.024,12	11.206,88	18.700,03
15.04.2019	19:45:00	11.863,75	11.212,62	18.631,73
15.04.2019	20:00:00	11.868,01	11.333,31	18.698,39
15.04.2019	20:15:00	12.092,01	11.592,72	19.034,98
15.04.2019	20:30:00	12.642,20	12.126,71	19.336,58
15.04.2019	20:45:00	13.222,70	12.646,24	19.864,44
15.04.2019	21:00:00	13.242,47	12.661,66	19.880,77
15.04.2019	21:15:00	13.339,00	12.754,26	20.109,38
15.04.2019	21:30:00	13.578,33	12.989,45	20.296,33
15.04.2019	21:45:00	13.037,35	12.441,54	19.578,30
15.04.2019	22:00:00	12.372,95	11.773,43	18.547,85
15.04.2019	22:15:00	12.076,00	11.527,03	18.053,70
15.04.2019	22:30:00	11.797,51	11.451,09	17.856,15
15.04.2019	22:45:00	11.767,27	11.416,65	17.325,09

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.04.2019	23:00:00	11.579,20	11.227,53	17.302,69
15.04.2019	23:15:00	10.817,94	10.455,17	16.307,34
15.04.2019	23:30:00	10.160,32	9.751,72	15.464,30
15.04.2019	23:45:00	9.608,37	9.213,97	14.827,01
16.04.2019	00:00:00	9.125,24	8.713,90	14.073,59
16.04.2019	00:15:00	8.701,59	8.294,57	13.679,15
16.04.2019	00:30:00	8.413,11	8.103,92	13.394,06
16.04.2019	00:45:00	8.212,56	7.753,52	13.103,98
16.04.2019	01:00:00	7.837,41	7.320,78	12.731,57
16.04.2019	01:15:00	7.685,86	7.170,35	12.493,66
16.04.2019	01:30:00	7.491,43	7.006,22	12.168,05
16.04.2019	01:45:00	7.488,19	6.966,10	11.894,17
16.04.2019	02:00:00	7.544,29	7.007,98	12.038,11
16.04.2019	02:15:00	7.578,96	7.048,74	12.152,46
16.04.2019	02:30:00	7.534,87	7.013,18	12.062,48
16.04.2019	02:45:00	7.505,95	7.127,45	12.235,47
16.04.2019	03:00:00	7.579,98	7.263,81	12.308,40
16.04.2019	03:15:00	7.587,08	7.307,45	12.202,07
16.04.2019	03:30:00	7.582,51	7.303,40	12.287,99
16.04.2019	03:45:00	7.806,76	7.520,45	12.629,34
16.04.2019	04:00:00	7.923,62	7.539,28	12.545,62
16.04.2019	04:15:00	8.150,28	7.761,93	12.715,42
16.04.2019	04:30:00	8.283,15	7.899,19	13.005,67
16.04.2019	04:45:00	8.352,71	7.968,30	13.271,70
16.04.2019	05:00:00	8.480,47	8.105,87	13.694,91
16.04.2019	05:15:00	8.766,16	8.418,05	14.255,12
16.04.2019	05:30:00	8.608,39	8.276,06	14.360,07
16.04.2019	05:45:00	9.077,85	8.670,81	15.176,05
16.04.2019	06:00:00	9.374,74	8.851,65	16.217,13
16.04.2019	06:15:00	9.752,71	9.238,47	17.710,53
16.04.2019	06:30:00	9.444,75	8.951,52	18.092,00
16.04.2019	06:45:00	9.313,12	8.800,64	18.687,67
16.04.2019	07:00:00	9.343,12	8.778,02	19.115,07
16.04.2019	07:15:00	9.791,71	9.150,12	20.038,95
16.04.2019	07:30:00	9.956,34	9.257,79	20.499,58
16.04.2019	07:45:00	9.820,21	9.040,38	20.495,30
16.04.2019	08:00:00	9.878,05	9.023,41	20.709,26
16.04.2019	08:15:00	9.922,16	8.969,16	20.792,86
16.04.2019	08:30:00	9.924,32	8.801,05	20.585,33
16.04.2019	08:45:00	9.932,38	8.558,24	20.595,94
16.04.2019	09:00:00	9.974,59	8.272,72	20.115,88
16.04.2019	09:15:00	10.128,62	8.059,70	19.204,52
16.04.2019	09:30:00	10.311,87	7.918,49	19.184,04
16.04.2019	09:45:00	10.448,48	7.624,95	19.614,25
16.04.2019	10:00:00	10.756,25	7.618,48	19.613,05
16.04.2019	10:15:00	10.800,32	7.177,95	19.104,62
16.04.2019	10:30:00	10.744,52	6.799,28	18.625,45
16.04.2019	10:45:00	10.645,44	6.374,51	18.266,87
16.04.2019	11:00:00	10.797,36	6.247,63	18.333,23
16.04.2019	11:15:00	11.009,47	6.160,79	18.164,94
16.04.2019	11:30:00	11.205,30	6.085,81	18.024,42
16.04.2019	11:45:00	11.349,29	6.004,05	18.243,13
16.04.2019	12:00:00	11.582,38	6.072,47	18.013,64
16.04.2019	12:15:00	11.943,66	6.145,26	17.583,20
16.04.2019	12:30:00	11.885,74	6.107,91	17.187,96
16.04.2019	12:45:00	11.739,15	5.739,76	16.925,33
16.04.2019	13:00:00	11.663,96	5.542,42	16.925,26
16.04.2019	13:15:00	11.484,81	5.334,48	16.698,96
16.04.2019	13:30:00	11.253,85	5.176,59	16.620,15
16.04.2019	13:45:00	11.213,61	4.924,31	16.668,42
16.04.2019	14:00:00	11.217,92	4.881,68	16.799,54
16.04.2019	14:15:00	10.781,49	4.915,92	16.703,24
16.04.2019	14:30:00	10.877,41	5.049,39	16.464,43
16.04.2019	14:45:00	11.970,64	5.573,32	16.832,22
16.04.2019	15:00:00	10.742,11	8.305,17	19.530,78
16.04.2019	15:15:00	10.949,42	8.930,64	20.101,74
16.04.2019	15:30:00	10.906,87	9.592,63	20.523,58
16.04.2019	15:45:00	11.055,76	10.368,88	21.364,55
16.04.2019	16:00:00	11.026,67	10.256,06	21.050,11
16.04.2019	16:15:00	11.154,83	10.237,89	20.563,38
16.04.2019	16:30:00	11.120,94	10.047,04	20.130,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.04.2019	16:45:00	11.331,33	10.522,63	20.243,78
16.04.2019	17:00:00	11.408,02	10.696,04	20.234,02
16.04.2019	17:15:00	11.677,84	11.092,16	20.357,97
16.04.2019	17:30:00	12.075,42	11.512,53	20.587,64
16.04.2019	17:45:00	12.248,07	11.548,10	20.436,01
16.04.2019	18:00:00	12.478,91	11.868,11	20.578,26
16.04.2019	18:15:00	12.648,59	12.032,29	20.504,71
16.04.2019	18:30:00	12.729,60	12.117,42	20.211,78
16.04.2019	18:45:00	12.625,72	11.984,80	19.792,71
16.04.2019	19:00:00	12.600,67	11.925,51	19.615,70
16.04.2019	19:15:00	12.570,80	11.879,90	19.680,81
16.04.2019	19:30:00	12.676,35	11.968,08	20.002,16
16.04.2019	19:45:00	12.482,92	11.819,39	19.715,58
16.04.2019	20:00:00	12.327,28	11.700,56	19.562,17
16.04.2019	20:15:00	12.274,16	11.713,20	19.421,18
16.04.2019	20:30:00	12.644,90	12.107,18	19.534,52
16.04.2019	20:45:00	13.292,62	12.756,87	20.027,05
16.04.2019	21:00:00	13.163,39	12.622,83	19.826,22
16.04.2019	21:15:00	13.112,37	12.597,52	19.732,51
16.04.2019	21:30:00	13.505,22	13.001,24	20.216,28
16.04.2019	21:45:00	12.902,14	12.337,94	19.230,28
16.04.2019	22:00:00	12.339,09	11.842,57	18.510,74
16.04.2019	22:15:00	12.053,17	11.580,76	18.138,54
16.04.2019	22:30:00	11.705,02	11.259,70	17.735,29
16.04.2019	22:45:00	11.714,03	11.233,45	17.430,92
16.04.2019	23:00:00	11.635,94	11.188,66	17.388,34
16.04.2019	23:15:00	11.055,61	10.647,35	16.443,00
16.04.2019	23:30:00	10.354,48	10.095,37	15.640,10
16.04.2019	23:45:00	9.876,43	9.604,10	15.068,20
17.04.2019	00:00:00	9.387,80	9.103,56	14.546,20
17.04.2019	00:15:00	8.836,76	8.564,72	13.915,02
17.04.2019	00:30:00	8.345,78	8.044,74	13.353,10
17.04.2019	00:45:00	8.065,89	7.791,41	12.976,41
17.04.2019	01:00:00	7.772,70	7.464,29	12.643,26
17.04.2019	01:15:00	7.392,52	7.113,37	12.295,08
17.04.2019	01:30:00	7.280,97	6.999,70	12.206,16
17.04.2019	01:45:00	7.223,15	6.922,77	11.918,10
17.04.2019	02:00:00	7.229,20	6.914,27	12.001,65
17.04.2019	02:15:00	7.122,32	6.833,28	11.902,01
17.04.2019	02:30:00	7.106,11	6.744,92	11.796,97
17.04.2019	02:45:00	7.171,74	6.765,98	11.954,69
17.04.2019	03:00:00	7.200,10	6.800,07	11.783,54
17.04.2019	03:15:00	7.116,45	6.695,10	11.588,08
17.04.2019	03:30:00	7.054,62	6.608,37	11.653,27
17.04.2019	03:45:00	7.229,41	6.816,12	11.776,65
17.04.2019	04:00:00	7.235,54	6.811,48	11.756,87
17.04.2019	04:15:00	7.445,64	7.031,56	11.992,00
17.04.2019	04:30:00	7.514,31	7.092,72	12.058,92
17.04.2019	04:45:00	7.641,60	7.204,69	12.347,62
17.04.2019	05:00:00	7.856,82	7.432,39	12.860,76
17.04.2019	05:15:00	8.353,26	7.953,89	13.780,35
17.04.2019	05:30:00	8.120,46	7.736,36	13.790,06
17.04.2019	05:45:00	8.626,62	8.255,58	14.879,96
17.04.2019	06:00:00	8.798,85	8.428,77	15.799,56
17.04.2019	06:15:00	9.261,50	8.907,12	17.469,06
17.04.2019	06:30:00	9.101,86	8.766,06	18.131,20
17.04.2019	06:45:00	8.941,97	8.606,72	18.494,29
17.04.2019	07:00:00	9.200,78	8.782,73	19.025,59
17.04.2019	07:15:00	9.673,98	9.185,67	20.067,68
17.04.2019	07:30:00	10.201,83	9.532,26	20.768,68
17.04.2019	07:45:00	10.534,91	9.876,41	21.130,10
17.04.2019	08:00:00	10.635,84	9.951,54	21.456,70
17.04.2019	08:15:00	10.984,64	10.223,85	21.846,19
17.04.2019	08:30:00	11.147,77	10.336,24	22.175,56
17.04.2019	08:45:00	11.165,11	10.303,41	22.330,46
17.04.2019	09:00:00	11.352,12	10.382,34	22.735,45
17.04.2019	09:15:00	11.590,34	10.330,75	22.136,39
17.04.2019	09:30:00	11.678,22	10.021,62	22.166,84
17.04.2019	09:45:00	11.793,96	9.832,79	22.198,28
17.04.2019	10:00:00	11.876,54	9.805,49	22.104,64
17.04.2019	10:15:00	11.949,29	9.846,48	22.263,75

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.04.2019	10:30:00	11.868,13	9.473,86	21.998,64
17.04.2019	10:45:00	11.732,55	9.180,78	21.344,35
17.04.2019	11:00:00	11.708,33	8.570,10	20.887,30
17.04.2019	11:15:00	12.088,27	9.060,66	21.361,74
17.04.2019	11:30:00	12.103,40	8.771,17	21.182,53
17.04.2019	11:45:00	11.784,02	8.604,12	21.049,67
17.04.2019	12:00:00	11.822,26	7.712,95	19.651,42
17.04.2019	12:15:00	12.139,50	7.243,00	18.825,70
17.04.2019	12:30:00	12.512,59	7.100,62	18.114,23
17.04.2019	12:45:00	11.273,68	6.581,13	17.599,22
17.04.2019	13:00:00	11.965,58	6.269,99	17.488,70
17.04.2019	13:15:00	11.796,04	5.686,81	17.079,89
17.04.2019	13:30:00	11.509,56	5.357,24	16.901,16
17.04.2019	13:45:00	11.107,56	5.052,58	16.254,67
17.04.2019	14:00:00	10.847,10	4.812,35	16.226,60
17.04.2019	14:15:00	11.012,34	4.740,23	16.227,90
17.04.2019	14:30:00	10.855,63	4.701,58	16.150,47
17.04.2019	14:45:00	11.111,12	4.951,17	16.192,12
17.04.2019	15:00:00	10.726,10	5.033,01	16.122,01
17.04.2019	15:15:00	9.811,88	5.906,70	16.355,61
17.04.2019	15:30:00	11.349,40	5.056,08	15.424,82
17.04.2019	15:45:00	10.619,77	5.923,14	16.349,77
17.04.2019	16:00:00	10.084,46	6.632,82	17.073,16
17.04.2019	16:15:00	11.159,98	6.835,42	16.893,24
17.04.2019	16:30:00	10.829,15	6.541,24	16.241,30
17.04.2019	16:45:00	11.519,92	6.997,54	16.529,32
17.04.2019	17:00:00	10.942,87	7.765,02	17.067,64
17.04.2019	17:15:00	10.740,36	8.924,67	18.099,99
17.04.2019	17:30:00	12.030,90	9.360,85	18.169,18
17.04.2019	17:45:00	11.399,40	10.095,05	18.696,21
17.04.2019	18:00:00	11.329,73	9.833,51	18.221,65
17.04.2019	18:15:00	11.261,76	10.383,48	18.679,10
17.04.2019	18:30:00	11.433,47	10.614,50	18.709,54
17.04.2019	18:45:00	11.342,96	10.692,76	18.673,68
17.04.2019	19:00:00	11.336,98	10.650,91	18.403,62
17.04.2019	19:15:00	11.693,01	10.981,29	18.834,87
17.04.2019	19:30:00	11.762,74	11.098,97	18.966,62
17.04.2019	19:45:00	11.750,40	11.198,04	18.826,24
17.04.2019	20:00:00	11.782,65	11.328,47	18.874,92
17.04.2019	20:15:00	11.678,36	11.265,92	18.694,64
17.04.2019	20:30:00	12.038,65	11.657,16	19.167,85
17.04.2019	20:45:00	12.729,88	12.354,51	20.026,49
17.04.2019	21:00:00	12.936,20	12.533,62	20.041,22
17.04.2019	21:15:00	12.941,76	12.562,07	19.821,76
17.04.2019	21:30:00	13.266,85	12.867,97	20.193,12
17.04.2019	21:45:00	12.729,59	12.353,47	19.436,85
17.04.2019	22:00:00	12.362,38	11.956,47	18.709,16
17.04.2019	22:15:00	12.117,70	11.744,68	18.251,58
17.04.2019	22:30:00	11.757,01	11.331,36	17.782,56
17.04.2019	22:45:00	11.590,58	11.099,77	17.453,76
17.04.2019	23:00:00	11.262,25	10.779,92	17.061,50
17.04.2019	23:15:00	10.686,16	10.373,00	16.565,82
17.04.2019	23:30:00	10.071,96	9.754,78	15.691,93
17.04.2019	23:45:00	9.477,39	9.124,28	14.873,70
18.04.2019	00:00:00	8.894,01	8.572,46	14.254,34
18.04.2019	00:15:00	8.442,08	8.079,11	13.724,40
18.04.2019	00:30:00	8.021,13	7.643,47	13.100,94
18.04.2019	00:45:00	7.768,63	7.398,98	12.809,08
18.04.2019	01:00:00	7.535,21	7.212,91	12.593,14
18.04.2019	01:15:00	7.322,60	6.941,58	12.223,16
18.04.2019	01:30:00	7.139,21	6.818,18	12.170,35
18.04.2019	01:45:00	7.048,52	6.875,78	12.119,15
18.04.2019	02:00:00	7.082,34	6.883,16	12.048,72
18.04.2019	02:15:00	7.117,53	6.967,02	12.004,33
18.04.2019	02:30:00	7.149,49	6.973,95	11.959,89
18.04.2019	02:45:00	7.225,43	7.041,74	12.173,95
18.04.2019	03:00:00	7.445,85	7.298,05	12.514,09
18.04.2019	03:15:00	7.250,41	7.065,24	12.119,24
18.04.2019	03:30:00	7.314,93	7.142,89	12.255,25
18.04.2019	03:45:00	7.368,80	7.219,60	12.348,31
18.04.2019	04:00:00	7.560,66	7.377,55	12.363,16

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.04.2019	04:15:00	7.911,92	7.729,39	12.787,27
18.04.2019	04:30:00	8.031,46	7.888,47	12.918,29
18.04.2019	04:45:00	8.065,93	7.894,72	13.019,15
18.04.2019	05:00:00	8.249,77	8.024,23	13.375,26
18.04.2019	05:15:00	8.525,86	8.266,23	14.175,27
18.04.2019	05:30:00	8.339,52	8.101,90	14.265,35
18.04.2019	05:45:00	8.839,91	8.622,98	15.218,96
18.04.2019	06:00:00	9.020,86	8.801,35	15.895,45
18.04.2019	06:15:00	9.043,60	8.883,96	17.130,89
18.04.2019	06:30:00	8.784,13	8.655,34	17.681,40
18.04.2019	06:45:00	8.759,02	8.590,38	18.034,78
18.04.2019	07:00:00	9.026,49	8.763,32	18.693,12
18.04.2019	07:15:00	9.411,43	9.060,64	19.690,16
18.04.2019	07:30:00	9.624,30	9.216,93	20.036,24
18.04.2019	07:45:00	9.451,35	8.971,83	20.052,48
18.04.2019	08:00:00	9.338,26	8.783,53	20.144,40
18.04.2019	08:15:00	9.588,61	8.900,56	20.627,23
18.04.2019	08:30:00	9.513,23	8.430,29	20.276,75
18.04.2019	08:45:00	9.516,62	8.155,19	19.824,13
18.04.2019	09:00:00	9.723,25	8.017,01	19.720,58
18.04.2019	09:15:00	9.974,78	7.894,11	19.021,14
18.04.2019	09:30:00	9.971,41	7.517,11	18.713,93
18.04.2019	09:45:00	10.178,95	7.310,07	19.198,30
18.04.2019	10:00:00	10.269,74	6.975,62	18.999,40
18.04.2019	10:15:00	10.482,80	6.822,32	18.681,31
18.04.2019	10:30:00	10.657,77	6.595,26	18.659,72
18.04.2019	10:45:00	10.718,06	6.315,68	18.619,33
18.04.2019	11:00:00	10.749,42	6.027,26	18.593,90
18.04.2019	11:15:00	10.882,52	5.874,11	18.269,57
18.04.2019	11:30:00	11.164,63	5.995,83	18.474,34
18.04.2019	11:45:00	11.369,00	5.967,56	18.264,39
18.04.2019	12:00:00	11.346,68	5.709,71	17.460,33
18.04.2019	12:15:00	11.626,43	5.846,87	17.185,01
18.04.2019	12:30:00	11.697,27	5.698,07	16.294,07
18.04.2019	12:45:00	11.367,50	5.279,55	16.066,42
18.04.2019	13:00:00	11.269,98	5.069,11	15.958,99
18.04.2019	13:15:00	11.217,80	4.932,52	16.044,38
18.04.2019	13:30:00	11.051,17	4.736,39	15.753,90
18.04.2019	13:45:00	10.907,17	4.585,13	15.747,03
18.04.2019	14:00:00	10.920,45	4.623,34	15.932,72
18.04.2019	14:15:00	10.992,67	4.694,45	15.834,58
18.04.2019	14:30:00	10.920,48	4.639,49	15.514,70
18.04.2019	14:45:00	10.928,10	4.702,11	15.271,75
18.04.2019	15:00:00	10.691,61	4.504,66	14.813,88
18.04.2019	15:15:00	10.802,82	4.736,05	14.648,95
18.04.2019	15:30:00	10.872,69	4.885,23	14.658,51
18.04.2019	15:45:00	10.913,73	5.051,50	14.442,95
18.04.2019	16:00:00	10.845,61	5.178,69	14.329,60
18.04.2019	16:15:00	11.123,17	5.507,98	14.508,42
18.04.2019	16:30:00	10.995,48	5.558,82	14.317,24
18.04.2019	16:45:00	11.106,01	5.920,36	14.500,52
18.04.2019	17:00:00	11.320,62	6.314,76	14.825,36
18.04.2019	17:15:00	11.584,38	7.006,24	15.357,62
18.04.2019	17:30:00	11.832,04	7.530,44	15.821,29
18.04.2019	17:45:00	11.804,28	7.894,61	15.939,06
18.04.2019	18:00:00	11.921,45	8.380,66	16.160,85
18.04.2019	18:15:00	11.916,40	8.733,09	16.221,82
18.04.2019	18:30:00	11.787,66	9.031,42	16.334,62
18.04.2019	18:45:00	11.749,65	9.529,37	16.730,00
18.04.2019	19:00:00	11.655,92	9.850,27	16.997,23
18.04.2019	19:15:00	11.643,52	10.170,97	17.465,93
18.04.2019	19:30:00	11.470,63	10.273,60	17.587,86
18.04.2019	19:45:00	11.283,25	10.492,53	17.966,79
18.04.2019	20:00:00	11.173,59	10.584,74	18.172,73
18.04.2019	20:15:00	11.178,66	10.676,38	18.144,26
18.04.2019	20:30:00	11.350,66	10.909,19	18.239,44
18.04.2019	20:45:00	11.954,78	11.515,89	18.681,93
18.04.2019	21:00:00	12.240,31	11.808,99	18.970,30
18.04.2019	21:15:00	12.212,76	11.778,35	18.827,00
18.04.2019	21:30:00	12.504,29	12.086,45	19.019,10
18.04.2019	21:45:00	11.993,27	11.710,57	18.317,46

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.04.2019	22:00:00	11.455,44	11.167,62	17.384,34
18.04.2019	22:15:00	11.253,16	10.961,92	17.054,54
18.04.2019	22:30:00	11.084,47	10.795,25	16.621,07
18.04.2019	22:45:00	11.259,39	10.971,81	16.514,50
18.04.2019	23:00:00	11.013,52	10.714,90	15.958,48
18.04.2019	23:15:00	10.530,01	10.230,44	15.233,42
18.04.2019	23:30:00	9.973,64	9.482,04	14.345,67
18.04.2019	23:45:00	9.487,36	8.986,10	13.794,34
19.04.2019	00:00:00	8.884,14	8.376,36	13.259,64
19.04.2019	00:15:00	8.333,07	7.816,33	12.468,98
19.04.2019	00:30:00	7.968,67	7.439,47	12.114,01
19.04.2019	00:45:00	7.602,14	7.067,76	11.692,74
19.04.2019	01:00:00	7.314,82	6.776,26	11.242,51
19.04.2019	01:15:00	7.095,10	6.567,22	11.038,36
19.04.2019	01:30:00	6.890,63	6.362,90	10.630,52
19.04.2019	01:45:00	6.673,36	6.317,34	10.529,17
19.04.2019	02:00:00	6.515,41	6.175,53	10.489,44
19.04.2019	02:15:00	6.420,65	6.091,21	10.306,45
19.04.2019	02:30:00	6.386,81	6.038,63	10.196,44
19.04.2019	02:45:00	6.347,80	5.915,56	10.161,65
19.04.2019	03:00:00	6.341,76	5.891,53	10.095,02
19.04.2019	03:15:00	6.205,90	5.761,36	10.209,19
19.04.2019	03:30:00	6.270,30	5.823,67	10.373,31
19.04.2019	03:45:00	6.297,81	5.844,08	10.352,82
19.04.2019	04:00:00	6.364,20	5.920,00	10.376,56
19.04.2019	04:15:00	6.578,75	6.158,14	10.588,22
19.04.2019	04:30:00	6.581,27	6.167,26	10.476,55
19.04.2019	04:45:00	6.662,48	6.258,90	10.556,38
19.04.2019	05:00:00	6.794,91	6.384,82	10.754,67
19.04.2019	05:15:00	7.201,72	6.775,57	10.990,83
19.04.2019	05:30:00	6.761,47	6.321,75	10.242,53
19.04.2019	05:45:00	6.846,07	6.459,27	10.401,19
19.04.2019	06:00:00	6.924,83	6.620,33	10.627,04
19.04.2019	06:15:00	6.938,57	6.625,12	10.554,17
19.04.2019	06:30:00	6.745,21	6.314,07	10.172,16
19.04.2019	06:45:00	6.568,14	5.996,61	9.733,13
19.04.2019	07:00:00	6.561,38	5.926,59	9.658,24
19.04.2019	07:15:00	6.748,35	6.050,86	9.915,94
19.04.2019	07:30:00	6.902,81	6.160,78	10.051,72
19.04.2019	07:45:00	6.867,49	6.069,38	9.906,50
19.04.2019	08:00:00	6.890,12	6.014,73	9.935,28
19.04.2019	08:15:00	7.077,39	6.076,20	9.969,54
19.04.2019	08:30:00	7.096,75	5.887,59	9.630,68
19.04.2019	08:45:00	7.281,74	5.838,46	9.651,62
19.04.2019	09:00:00	7.631,94	5.795,41	9.642,05
19.04.2019	09:15:00	7.956,24	5.625,52	9.297,16
19.04.2019	09:30:00	8.198,74	5.484,21	9.234,80
19.04.2019	09:45:00	8.480,96	5.406,03	9.193,63
19.04.2019	10:00:00	8.765,76	5.309,52	9.283,72
19.04.2019	10:15:00	9.074,11	5.240,17	9.375,54
19.04.2019	10:30:00	9.157,60	4.957,53	9.138,59
19.04.2019	10:45:00	9.454,34	4.920,66	9.096,23
19.04.2019	11:00:00	9.646,54	4.835,79	9.059,70
19.04.2019	11:15:00	9.872,11	4.830,19	9.047,86
19.04.2019	11:30:00	10.111,92	4.860,82	9.080,27
19.04.2019	11:45:00	10.597,70	5.062,59	9.370,10
19.04.2019	12:00:00	10.628,95	4.870,80	9.138,07
19.04.2019	12:15:00	10.717,83	4.929,04	9.134,11
19.04.2019	12:30:00	10.770,00	4.845,37	9.179,50
19.04.2019	12:45:00	10.355,90	4.376,51	8.735,31
19.04.2019	13:00:00	10.249,47	4.163,40	8.352,84
19.04.2019	13:15:00	10.028,81	3.901,57	7.950,76
19.04.2019	13:30:00	10.000,16	3.867,09	7.921,24
19.04.2019	13:45:00	9.810,43	3.619,19	7.677,30
19.04.2019	14:00:00	9.356,93	3.154,79	7.230,86
19.04.2019	14:15:00	9.257,52	3.030,59	7.086,17
19.04.2019	14:30:00	9.255,57	3.022,27	7.069,08
19.04.2019	14:45:00	9.061,88	2.860,29	6.889,47
19.04.2019	15:00:00	8.989,66	2.843,74	6.729,52
19.04.2019	15:15:00	9.004,68	2.916,56	6.841,74
19.04.2019	15:30:00	9.084,42	3.100,96	7.034,88

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.04.2019	15:45:00	9.096,93	3.208,02	7.146,60
19.04.2019	16:00:00	8.954,47	3.238,45	7.094,86
19.04.2019	16:15:00	9.057,25	3.471,43	7.503,86
19.04.2019	16:30:00	9.182,49	3.805,17	7.882,48
19.04.2019	16:45:00	9.179,14	4.120,84	8.012,26
19.04.2019	17:00:00	9.378,17	4.509,60	8.496,12
19.04.2019	17:15:00	9.540,60	5.017,08	9.072,88
19.04.2019	17:30:00	9.755,40	5.465,69	9.891,14
19.04.2019	17:45:00	9.961,70	6.029,35	10.527,54
19.04.2019	18:00:00	10.152,65	6.572,92	11.038,42
19.04.2019	18:15:00	10.391,24	7.203,21	11.467,60
19.04.2019	18:30:00	10.450,46	7.696,79	11.979,67
19.04.2019	18:45:00	10.389,26	8.041,18	12.289,93
19.04.2019	19:00:00	10.197,19	8.242,79	12.378,47
19.04.2019	19:15:00	10.277,45	8.688,78	12.866,51
19.04.2019	19:30:00	10.062,51	8.913,68	13.042,35
19.04.2019	19:45:00	9.750,31	9.026,27	12.935,63
19.04.2019	20:00:00	9.697,49	9.227,75	13.303,36
19.04.2019	20:15:00	9.783,80	9.424,61	13.550,66
19.04.2019	20:30:00	9.929,62	9.635,73	13.671,93
19.04.2019	20:45:00	10.392,57	10.154,28	14.297,48
19.04.2019	21:00:00	10.888,76	10.621,22	14.825,04
19.04.2019	21:15:00	10.941,59	10.657,48	14.806,50
19.04.2019	21:30:00	11.112,06	10.893,08	15.027,08
19.04.2019	21:45:00	10.700,38	10.493,46	14.579,48
19.04.2019	22:00:00	10.380,64	10.169,76	14.162,58
19.04.2019	22:15:00	10.362,70	10.005,40	14.043,60
19.04.2019	22:30:00	10.211,20	9.797,35	13.847,32
19.04.2019	22:45:00	10.183,48	9.770,50	13.729,64
19.04.2019	23:00:00	10.041,83	9.621,57	13.482,59
19.04.2019	23:15:00	9.637,36	9.204,45	13.065,92
19.04.2019	23:30:00	9.177,15	8.742,47	12.520,17
19.04.2019	23:45:00	8.682,31	8.242,76	12.278,91
20.04.2019	00:00:00	8.309,11	7.863,07	11.918,66
20.04.2019	00:15:00	7.939,42	7.532,71	11.657,63
20.04.2019	00:30:00	7.544,62	7.217,98	11.512,49
20.04.2019	00:45:00	7.394,01	7.055,46	11.417,09
20.04.2019	01:00:00	7.037,25	6.692,46	11.001,19
20.04.2019	01:15:00	6.928,28	6.581,32	10.996,01
20.04.2019	01:30:00	6.790,26	6.442,86	10.726,42
20.04.2019	01:45:00	6.771,14	6.435,62	10.708,09
20.04.2019	02:00:00	6.622,08	6.287,93	10.407,81
20.04.2019	02:15:00	6.585,98	6.243,43	10.052,21
20.04.2019	02:30:00	6.580,07	6.232,02	9.998,91
20.04.2019	02:45:00	6.631,44	6.283,07	10.211,04
20.04.2019	03:00:00	6.663,09	6.313,67	10.114,77
20.04.2019	03:15:00	6.466,46	6.121,02	9.834,62
20.04.2019	03:30:00	6.403,87	6.060,48	9.863,46
20.04.2019	03:45:00	6.387,10	6.042,78	9.837,53
20.04.2019	04:00:00	6.479,93	6.136,76	9.950,99
20.04.2019	04:15:00	6.591,91	6.244,84	10.118,91
20.04.2019	04:30:00	6.638,95	6.300,27	10.280,12
20.04.2019	04:45:00	6.706,58	6.369,77	10.306,38
20.04.2019	05:00:00	6.818,76	6.488,01	10.482,25
20.04.2019	05:15:00	7.004,57	6.686,23	10.656,06
20.04.2019	05:30:00	6.780,59	6.508,35	10.427,14
20.04.2019	05:45:00	7.080,37	6.801,01	10.727,20
20.04.2019	06:00:00	7.237,40	6.834,62	10.837,27
20.04.2019	06:15:00	7.056,39	6.666,25	10.731,28
20.04.2019	06:30:00	7.119,86	6.732,67	10.776,86
20.04.2019	06:45:00	7.028,12	6.590,02	10.609,21
20.04.2019	07:00:00	7.105,32	6.612,79	10.655,61
20.04.2019	07:15:00	7.275,74	6.714,04	10.858,59
20.04.2019	07:30:00	7.477,96	6.856,47	10.966,91
20.04.2019	07:45:00	7.490,81	6.793,40	10.904,64
20.04.2019	08:00:00	7.588,11	6.834,19	11.181,34
20.04.2019	08:15:00	7.727,20	6.876,65	11.447,68
20.04.2019	08:30:00	7.841,15	6.792,96	11.360,50
20.04.2019	08:45:00	8.075,34	6.745,24	11.523,44
20.04.2019	09:00:00	8.258,13	6.580,28	11.494,64
20.04.2019	09:15:00	8.590,31	6.526,53	11.293,21

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.04.2019	09:30:00	8.862,54	6.502,07	11.339,00
20.04.2019	09:45:00	9.009,13	6.240,52	11.298,11
20.04.2019	10:00:00	9.259,54	6.101,84	11.017,46
20.04.2019	10:15:00	9.431,76	5.885,19	10.908,34
20.04.2019	10:30:00	9.554,01	5.640,08	10.699,58
20.04.2019	10:45:00	9.700,60	5.434,94	10.471,95
20.04.2019	11:00:00	9.904,40	5.342,54	10.452,39
20.04.2019	11:15:00	10.165,62	5.321,22	10.465,56
20.04.2019	11:30:00	10.333,14	5.225,65	10.269,61
20.04.2019	11:45:00	10.509,47	5.130,38	10.007,44
20.04.2019	12:00:00	10.652,91	5.104,74	10.022,34
20.04.2019	12:15:00	10.654,31	4.966,67	9.722,00
20.04.2019	12:30:00	10.866,96	5.065,53	9.752,22
20.04.2019	12:45:00	10.772,82	4.841,71	9.458,56
20.04.2019	13:00:00	10.652,76	4.628,75	9.217,32
20.04.2019	13:15:00	10.477,32	4.416,08	9.091,81
20.04.2019	13:30:00	10.516,78	4.395,47	9.105,40
20.04.2019	13:45:00	10.421,26	4.213,20	8.905,48
20.04.2019	14:00:00	10.259,87	4.077,21	8.786,78
20.04.2019	14:15:00	9.939,98	3.753,34	8.566,91
20.04.2019	14:30:00	9.819,85	3.592,14	8.420,58
20.04.2019	14:45:00	9.743,45	3.483,30	8.202,65
20.04.2019	15:00:00	9.840,87	3.623,46	8.311,54
20.04.2019	15:15:00	9.720,04	3.571,88	8.212,10
20.04.2019	15:30:00	9.858,86	3.770,44	8.429,97
20.04.2019	15:45:00	9.857,50	3.800,77	8.488,08
20.04.2019	16:00:00	9.938,45	3.992,71	8.775,64
20.04.2019	16:15:00	9.924,75	4.111,11	8.887,44
20.04.2019	16:30:00	10.032,96	4.431,71	9.176,72
20.04.2019	16:45:00	10.094,23	4.758,38	9.379,30
20.04.2019	17:00:00	10.185,98	5.126,85	9.899,20
20.04.2019	17:15:00	10.229,06	5.451,47	10.414,91
20.04.2019	17:30:00	10.367,43	5.915,87	10.743,28
20.04.2019	17:45:00	10.526,55	6.476,66	11.288,28
20.04.2019	18:00:00	10.741,28	7.039,12	11.857,92
20.04.2019	18:15:00	10.968,77	7.620,22	12.397,36
20.04.2019	18:30:00	11.057,79	8.122,87	13.108,38
20.04.2019	18:45:00	10.849,82	8.336,11	13.377,91
20.04.2019	19:00:00	10.684,38	8.576,13	13.510,30
20.04.2019	19:15:00	10.690,14	9.052,50	14.103,06
20.04.2019	19:30:00	10.434,24	9.237,39	14.161,33
20.04.2019	19:45:00	10.123,58	9.349,65	13.886,60
20.04.2019	20:00:00	10.005,35	9.542,01	14.047,43
20.04.2019	20:15:00	10.078,26	9.765,03	14.205,78
20.04.2019	20:30:00	10.189,86	9.957,55	14.219,58
20.04.2019	20:45:00	10.425,26	10.218,71	14.533,64
20.04.2019	21:00:00	11.037,87	10.809,73	15.221,19
20.04.2019	21:15:00	11.298,03	11.080,07	15.338,25
20.04.2019	21:30:00	11.483,48	11.220,01	15.479,90
20.04.2019	21:45:00	10.882,70	10.575,41	14.822,85
20.04.2019	22:00:00	10.552,90	10.238,24	14.435,52
20.04.2019	22:15:00	10.421,69	10.107,48	14.308,88
20.04.2019	22:30:00	10.401,65	10.086,87	14.211,96
20.04.2019	22:45:00	10.253,21	9.934,56	13.854,62
20.04.2019	23:00:00	10.072,34	9.760,68	13.771,92
20.04.2019	23:15:00	9.662,44	9.358,76	13.373,48
20.04.2019	23:30:00	9.221,70	8.915,45	12.773,34
20.04.2019	23:45:00	8.845,69	8.534,05	12.802,12
21.04.2019	00:00:00	8.487,94	8.151,90	12.210,94
21.04.2019	00:15:00	8.069,96	7.730,42	11.617,47
21.04.2019	00:30:00	7.842,52	7.500,04	11.541,96
21.04.2019	00:45:00	7.522,45	7.179,56	11.240,14
21.04.2019	01:00:00	7.291,12	6.947,73	10.848,07
21.04.2019	01:15:00	7.039,83	6.698,50	10.647,51
21.04.2019	01:30:00	6.859,91	6.524,22	10.480,83
21.04.2019	01:45:00	6.696,85	6.359,14	10.227,94
21.04.2019	02:00:00	6.532,25	6.183,07	9.861,30
21.04.2019	02:15:00	6.571,74	6.225,01	9.871,06
21.04.2019	02:30:00	6.546,96	6.200,50	9.729,56
21.04.2019	02:45:00	6.388,08	5.940,86	9.626,44
21.04.2019	03:00:00	6.347,93	5.899,20	9.649,16

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.04.2019	03:15:00	6.250,13	5.792,71	9.418,30
21.04.2019	03:30:00	6.245,41	5.783,25	9.459,73
21.04.2019	03:45:00	6.332,58	5.870,35	9.490,35
21.04.2019	04:00:00	6.325,82	5.862,38	9.478,42
21.04.2019	04:15:00	6.460,73	6.037,52	9.577,96
21.04.2019	04:30:00	6.466,96	6.062,31	9.541,18
21.04.2019	04:45:00	6.435,31	6.025,83	9.462,88
21.04.2019	05:00:00	6.657,77	6.258,53	9.806,59
21.04.2019	05:15:00	6.858,51	6.418,28	9.978,90
21.04.2019	05:30:00	6.566,50	6.217,92	9.726,68
21.04.2019	05:45:00	6.735,58	6.408,14	9.876,55
21.04.2019	06:00:00	6.606,82	6.297,95	9.815,50
21.04.2019	06:15:00	6.364,72	6.065,80	9.613,78
21.04.2019	06:30:00	6.368,97	5.870,77	9.403,71
21.04.2019	06:45:00	6.342,76	5.757,24	9.251,31
21.04.2019	07:00:00	6.266,64	5.622,06	9.076,05
21.04.2019	07:15:00	6.414,09	5.735,12	9.301,58
21.04.2019	07:30:00	6.513,40	5.763,81	9.302,57
21.04.2019	07:45:00	6.538,48	5.703,54	9.224,60
21.04.2019	08:00:00	6.510,00	5.641,95	9.252,30
21.04.2019	08:15:00	6.698,13	5.671,94	9.281,23
21.04.2019	08:30:00	6.853,35	5.611,53	9.115,00
21.04.2019	08:45:00	6.860,41	5.286,43	8.866,59
21.04.2019	09:00:00	7.144,05	5.192,24	8.819,00
21.04.2019	09:15:00	7.453,88	5.080,31	8.694,34
21.04.2019	09:30:00	7.798,84	4.993,89	8.698,12
21.04.2019	09:45:00	8.001,33	4.715,28	8.645,14
21.04.2019	10:00:00	8.134,61	4.379,65	8.377,52
21.04.2019	10:15:00	8.310,46	4.215,52	8.201,90
21.04.2019	10:30:00	8.618,90	4.178,95	8.250,47
21.04.2019	10:45:00	8.757,46	4.027,25	8.040,47
21.04.2019	11:00:00	8.963,18	3.872,07	8.030,28
21.04.2019	11:15:00	9.226,33	3.882,52	8.073,79
21.04.2019	11:30:00	9.342,64	3.711,44	7.878,71
21.04.2019	11:45:00	9.611,39	3.691,59	7.649,91
21.04.2019	12:00:00	9.740,79	3.617,51	7.330,84
21.04.2019	12:15:00	9.769,44	3.481,14	7.146,12
21.04.2019	12:30:00	9.827,08	3.435,44	7.190,84
21.04.2019	12:45:00	9.428,16	3.164,62	6.851,84
21.04.2019	13:00:00	9.249,19	2.921,84	6.586,78
21.04.2019	13:15:00	8.917,74	2.513,34	6.304,94
21.04.2019	13:30:00	8.807,12	2.421,78	6.022,30
21.04.2019	13:45:00	8.610,76	2.182,58	5.777,64
21.04.2019	14:00:00	8.437,50	2.018,39	5.763,78
21.04.2019	14:15:00	8.325,19	1.974,32	5.736,44
21.04.2019	14:30:00	8.131,29	1.816,56	5.551,76
21.04.2019	14:45:00	8.075,48	1.802,78	5.571,87
21.04.2019	15:00:00	8.054,48	1.777,31	5.569,48
21.04.2019	15:15:00	7.961,52	1.780,14	5.504,67
21.04.2019	15:30:00	7.843,19	1.711,21	5.476,55
21.04.2019	15:45:00	7.941,50	1.861,46	5.604,86
21.04.2019	16:00:00	7.998,97	2.014,57	5.556,46
21.04.2019	16:15:00	8.095,48	2.311,43	5.865,08
21.04.2019	16:30:00	8.108,84	2.937,44	6.566,84
21.04.2019	16:45:00	8.341,32	2.999,84	6.613,45
21.04.2019	17:00:00	8.030,35	3.502,12	7.250,07
21.04.2019	17:15:00	8.542,95	3.929,09	7.977,38
21.04.2019	17:30:00	8.765,17	4.205,81	8.293,71
21.04.2019	17:45:00	9.062,58	4.921,14	9.090,35
21.04.2019	18:00:00	9.325,05	5.521,65	9.667,18
21.04.2019	18:15:00	9.419,42	6.014,64	10.124,84
21.04.2019	18:30:00	9.344,80	6.329,72	10.477,62
21.04.2019	18:45:00	9.397,64	6.823,96	10.969,67
21.04.2019	19:00:00	9.302,32	7.195,99	11.358,71
21.04.2019	19:15:00	9.359,33	7.738,84	12.018,39
21.04.2019	19:30:00	9.133,13	8.313,00	12.476,50
21.04.2019	19:45:00	8.872,52	8.382,84	12.291,36
21.04.2019	20:00:00	8.874,25	8.449,30	12.330,02
21.04.2019	20:15:00	9.062,66	8.704,65	12.548,84
21.04.2019	20:30:00	9.170,59	8.874,42	12.686,80
21.04.2019	20:45:00	9.616,24	9.330,19	13.246,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.04.2019	21:00:00	10.092,37	9.804,30	13.661,82
21.04.2019	21:15:00	10.313,81	10.023,55	13.858,54
21.04.2019	21:30:00	10.589,22	10.333,35	14.358,80
21.04.2019	21:45:00	10.170,23	9.904,45	14.004,17
21.04.2019	22:00:00	9.948,20	9.641,19	13.586,23
21.04.2019	22:15:00	9.745,09	9.437,57	13.485,91
21.04.2019	22:30:00	9.672,05	9.363,27	13.433,95
21.04.2019	22:45:00	9.616,03	9.316,40	13.248,14
21.04.2019	23:00:00	9.483,78	9.184,64	13.181,53
21.04.2019	23:15:00	9.024,96	8.718,85	12.531,02
21.04.2019	23:30:00	8.573,82	8.263,30	12.173,62
21.04.2019	23:45:00	8.203,95	7.884,10	12.014,19
22.04.2019	00:00:00	7.802,93	7.443,10	11.508,42
22.04.2019	00:15:00	7.415,01	7.017,19	10.977,38
22.04.2019	00:30:00	7.101,74	6.665,75	10.664,78
22.04.2019	00:45:00	6.855,26	6.420,35	10.424,81
22.04.2019	01:00:00	6.733,98	6.296,11	10.171,63
22.04.2019	01:15:00	6.590,08	6.141,90	10.066,46
22.04.2019	01:30:00	6.428,14	5.972,62	9.887,56
22.04.2019	01:45:00	6.299,53	5.843,32	9.643,01
22.04.2019	02:00:00	6.349,32	5.893,72	9.578,76
22.04.2019	02:15:00	6.268,26	5.820,96	9.488,40
22.04.2019	02:30:00	6.238,68	5.802,91	9.458,23
22.04.2019	02:45:00	6.147,53	5.799,04	9.402,66
22.04.2019	03:00:00	6.056,70	5.703,94	9.461,00
22.04.2019	03:15:00	6.069,29	5.716,65	9.323,67
22.04.2019	03:30:00	6.074,91	5.723,13	9.303,59
22.04.2019	03:45:00	6.088,57	5.748,15	9.354,28
22.04.2019	04:00:00	6.120,69	5.771,52	9.398,34
22.04.2019	04:15:00	6.292,93	5.943,96	9.544,94
22.04.2019	04:30:00	6.319,81	5.972,46	9.520,38
22.04.2019	04:45:00	6.272,19	5.923,05	9.443,26
22.04.2019	05:00:00	6.288,80	5.945,41	9.563,05
22.04.2019	05:15:00	6.515,59	6.180,49	9.802,14
22.04.2019	05:30:00	6.346,96	6.029,49	9.574,65
22.04.2019	05:45:00	6.454,06	6.131,81	9.824,96
22.04.2019	06:00:00	6.438,77	6.119,40	9.922,64
22.04.2019	06:15:00	6.148,82	5.830,94	9.638,00
22.04.2019	06:30:00	6.094,39	5.792,35	9.546,81
22.04.2019	06:45:00	5.968,97	5.628,02	9.209,36
22.04.2019	07:00:00	5.951,35	5.444,43	8.952,30
22.04.2019	07:15:00	6.056,72	5.471,50	9.046,50
22.04.2019	07:30:00	6.167,65	5.503,61	9.089,72
22.04.2019	07:45:00	6.316,35	5.612,13	9.303,55
22.04.2019	08:00:00	6.626,74	5.954,90	9.787,96
22.04.2019	08:15:00	6.527,72	5.647,26	9.431,85
22.04.2019	08:30:00	6.602,56	5.468,28	9.199,49
22.04.2019	08:45:00	6.706,50	5.201,89	9.017,93
22.04.2019	09:00:00	6.974,52	4.981,87	8.885,91
22.04.2019	09:15:00	7.231,00	4.675,20	8.663,15
22.04.2019	09:30:00	7.487,14	4.430,97	8.582,70
22.04.2019	09:45:00	8.026,05	4.794,36	8.937,34
22.04.2019	10:00:00	8.202,82	5.025,13	9.251,11
22.04.2019	10:15:00	8.579,14	5.341,89	9.780,31
22.04.2019	10:30:00	8.777,35	5.545,17	10.024,80
22.04.2019	10:45:00	8.930,18	5.456,88	9.823,22
22.04.2019	11:00:00	8.939,47	4.772,79	9.097,77
22.04.2019	11:15:00	9.074,58	4.454,05	8.807,17
22.04.2019	11:30:00	9.174,72	4.712,38	8.941,50
22.04.2019	11:45:00	9.573,32	4.440,24	8.764,68
22.04.2019	12:00:00	9.233,91	4.503,63	8.988,07
22.04.2019	12:15:00	9.691,40	3.756,31	8.176,45
22.04.2019	12:30:00	9.567,51	3.573,46	7.712,03
22.04.2019	12:45:00	9.337,72	3.585,94	7.716,94
22.04.2019	13:00:00	9.584,49	3.731,71	7.816,83
22.04.2019	13:15:00	9.307,49	3.341,46	7.507,93
22.04.2019	13:30:00	9.618,85	5.184,61	9.426,43
22.04.2019	13:45:00	9.158,21	5.955,00	10.064,33
22.04.2019	14:00:00	9.871,35	4.756,98	8.843,04
22.04.2019	14:15:00	9.320,03	3.835,28	7.834,18
22.04.2019	14:30:00	8.002,65	4.471,20	8.392,65

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.04.2019	14:45:00	8.073,29	4.125,79	8.070,97
22.04.2019	15:00:00	8.330,41	3.069,63	6.918,32
22.04.2019	15:15:00	8.368,92	2.052,84	5.814,24
22.04.2019	15:30:00	8.559,17	2.677,25	6.585,13
22.04.2019	15:45:00	8.087,19	3.827,52	7.934,43
22.04.2019	16:00:00	8.122,37	4.886,53	8.982,29
22.04.2019	16:15:00	8.591,14	4.747,94	8.891,39
22.04.2019	16:30:00	8.980,62	3.694,70	7.862,40
22.04.2019	16:45:00	8.869,57	3.513,76	7.926,36
22.04.2019	17:00:00	8.982,28	4.167,43	8.532,92
22.04.2019	17:15:00	9.396,71	4.851,57	9.214,15
22.04.2019	17:30:00	9.502,39	5.266,91	9.588,35
22.04.2019	17:45:00	9.344,69	5.968,83	10.232,47
22.04.2019	18:00:00	9.331,34	6.722,11	11.016,71
22.04.2019	18:15:00	9.498,89	7.533,70	11.998,18
22.04.2019	18:30:00	10.059,92	7.540,57	11.879,39
22.04.2019	18:45:00	9.923,66	7.745,71	12.003,85
22.04.2019	19:00:00	9.823,99	8.067,23	12.044,62
22.04.2019	19:15:00	9.721,64	8.629,65	12.558,29
22.04.2019	19:30:00	9.841,06	8.932,57	12.930,92
22.04.2019	19:45:00	9.721,07	9.090,31	13.083,79
22.04.2019	20:00:00	9.705,89	9.230,52	13.311,08
22.04.2019	20:15:00	9.702,48	9.317,49	13.349,16
22.04.2019	20:30:00	9.952,31	9.659,48	13.667,59
22.04.2019	20:45:00	10.307,92	9.980,38	14.219,83
22.04.2019	21:00:00	10.788,13	10.459,70	14.616,40
22.04.2019	21:15:00	10.800,87	10.453,97	14.530,98
22.04.2019	21:30:00	10.970,80	10.608,10	14.752,42
22.04.2019	21:45:00	10.357,48	10.036,54	14.145,72
22.04.2019	22:00:00	10.008,86	9.650,90	13.698,36
22.04.2019	22:15:00	9.898,41	9.533,34	13.543,94
22.04.2019	22:30:00	9.615,22	9.226,25	13.255,64
22.04.2019	22:45:00	9.320,51	8.941,20	12.997,98
22.04.2019	23:00:00	8.972,15	8.656,29	12.952,25
22.04.2019	23:15:00	8.450,95	8.140,44	12.574,99
22.04.2019	23:30:00	8.049,95	7.787,25	12.063,22
22.04.2019	23:45:00	7.582,06	7.297,62	11.633,31
23.04.2019	00:00:00	7.226,60	6.917,44	11.264,88
23.04.2019	00:15:00	6.817,07	6.530,90	11.017,15
23.04.2019	00:30:00	6.526,62	6.209,43	10.915,89
23.04.2019	00:45:00	6.318,90	5.992,98	10.556,08
23.04.2019	01:00:00	6.102,66	5.843,26	10.349,33
23.04.2019	01:15:00	5.896,74	5.662,41	10.117,58
23.04.2019	01:30:00	5.797,17	5.571,33	9.861,35
23.04.2019	01:45:00	5.782,27	5.522,37	9.572,68
23.04.2019	02:00:00	5.722,86	5.413,30	9.457,26
23.04.2019	02:15:00	5.719,84	5.404,10	9.470,81
23.04.2019	02:30:00	5.685,64	5.370,81	9.402,99
23.04.2019	02:45:00	5.598,42	5.269,37	9.368,40
23.04.2019	03:00:00	5.476,96	5.146,77	9.301,69
23.04.2019	03:15:00	5.471,38	5.143,73	9.345,40
23.04.2019	03:30:00	5.460,74	5.128,89	9.383,00
23.04.2019	03:45:00	5.544,94	5.218,07	9.500,38
23.04.2019	04:00:00	5.600,72	5.282,05	9.436,96
23.04.2019	04:15:00	5.690,64	5.362,47	9.499,74
23.04.2019	04:30:00	5.794,07	5.485,18	9.772,83
23.04.2019	04:45:00	5.909,97	5.640,58	9.992,93
23.04.2019	05:00:00	6.018,64	5.751,80	10.264,76
23.04.2019	05:15:00	6.289,36	6.022,15	11.155,30
23.04.2019	05:30:00	6.462,65	6.195,11	12.027,89
23.04.2019	05:45:00	6.882,19	6.594,15	12.761,94
23.04.2019	06:00:00	7.114,02	6.836,55	13.638,76
23.04.2019	06:15:00	7.241,02	6.972,54	14.902,57
23.04.2019	06:30:00	7.473,68	7.127,96	15.899,85
23.04.2019	06:45:00	7.595,99	7.209,50	16.691,68
23.04.2019	07:00:00	8.074,83	7.596,78	17.308,27
23.04.2019	07:15:00	8.594,61	7.995,67	18.232,61
23.04.2019	07:30:00	8.925,00	8.243,99	18.609,81
23.04.2019	07:45:00	9.019,17	8.204,67	18.714,57
23.04.2019	08:00:00	9.251,53	8.307,20	19.549,94
23.04.2019	08:15:00	9.767,95	8.665,04	20.008,24

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.04.2019	08:30:00	9.926,51	8.600,18	19.953,81
23.04.2019	08:45:00	9.777,03	8.152,78	19.494,69
23.04.2019	09:00:00	9.953,36	8.033,75	19.342,33
23.04.2019	09:15:00	9.936,45	7.964,98	18.856,04
23.04.2019	09:30:00	9.955,25	7.911,10	19.098,99
23.04.2019	09:45:00	10.107,92	7.967,30	19.420,82
23.04.2019	10:00:00	10.374,97	8.170,44	19.908,92
23.04.2019	10:15:00	10.693,73	7.795,28	19.760,26
23.04.2019	10:30:00	10.694,61	7.205,52	18.885,21
23.04.2019	10:45:00	10.555,83	6.890,28	18.910,91
23.04.2019	11:00:00	10.588,36	6.687,46	18.651,29
23.04.2019	11:15:00	10.739,30	6.818,38	19.237,71
23.04.2019	11:30:00	11.002,78	6.959,11	19.552,90
23.04.2019	11:45:00	11.652,45	7.039,02	19.643,21
23.04.2019	12:00:00	11.649,49	6.781,21	18.869,84
23.04.2019	12:15:00	11.427,72	7.839,60	19.532,19
23.04.2019	12:30:00	11.927,29	8.701,29	20.235,26
23.04.2019	12:45:00	11.553,21	7.607,57	19.345,54
23.04.2019	13:00:00	11.281,04	6.885,74	18.831,57
23.04.2019	13:15:00	10.862,71	5.765,02	17.829,88
23.04.2019	13:30:00	10.701,44	5.494,34	17.530,06
23.04.2019	13:45:00	10.619,72	5.051,74	16.543,84
23.04.2019	14:00:00	10.673,63	5.049,14	16.474,06
23.04.2019	14:15:00	10.587,62	5.039,55	16.344,72
23.04.2019	14:30:00	10.726,22	5.477,54	16.773,55
23.04.2019	14:45:00	10.634,09	6.069,74	17.260,28
23.04.2019	15:00:00	10.559,91	6.183,81	17.406,92
23.04.2019	15:15:00	10.487,18	5.320,59	16.148,05
23.04.2019	15:30:00	10.453,90	5.183,49	15.802,63
23.04.2019	15:45:00	10.696,81	5.552,60	15.982,39
23.04.2019	16:00:00	10.587,69	5.986,06	16.176,63
23.04.2019	16:15:00	10.035,00	7.562,05	17.448,71
23.04.2019	16:30:00	10.167,64	8.617,19	18.359,61
23.04.2019	16:45:00	10.410,02	8.956,05	18.423,69
23.04.2019	17:00:00	10.481,35	9.295,85	18.576,63
23.04.2019	17:15:00	10.469,32	9.511,70	18.460,40
23.04.2019	17:30:00	10.665,74	9.801,01	18.505,06
23.04.2019	17:45:00	10.924,62	10.153,33	18.861,85
23.04.2019	18:00:00	10.999,65	10.080,23	18.693,60
23.04.2019	18:15:00	10.919,32	9.997,38	18.682,06
23.04.2019	18:30:00	10.950,89	9.678,67	18.054,02
23.04.2019	18:45:00	10.957,49	9.496,65	17.909,05
23.04.2019	19:00:00	11.168,12	9.646,26	17.878,80
23.04.2019	19:15:00	11.150,04	9.708,15	17.932,32
23.04.2019	19:30:00	10.923,36	10.072,52	18.259,80
23.04.2019	19:45:00	10.735,05	10.164,17	18.125,49
23.04.2019	20:00:00	10.529,82	10.113,45	18.049,00
23.04.2019	20:15:00	10.627,44	10.280,92	18.085,18
23.04.2019	20:30:00	10.906,53	10.619,93	18.329,03
23.04.2019	20:45:00	11.220,13	10.879,63	18.477,42
23.04.2019	21:00:00	11.571,97	11.209,73	18.539,80
23.04.2019	21:15:00	11.595,68	11.280,55	18.529,72
23.04.2019	21:30:00	11.760,15	11.479,10	18.608,09
23.04.2019	21:45:00	11.344,91	11.090,59	18.093,98
23.04.2019	22:00:00	10.762,26	10.439,74	17.141,16
23.04.2019	22:15:00	10.465,85	10.115,16	16.560,37
23.04.2019	22:30:00	10.036,38	9.682,50	15.820,68
23.04.2019	22:45:00	9.692,85	9.331,64	15.172,06
23.04.2019	23:00:00	9.439,73	9.122,56	14.915,24
23.04.2019	23:15:00	8.885,95	8.561,86	14.254,20
23.04.2019	23:30:00	8.449,56	8.125,14	13.657,46
23.04.2019	23:45:00	7.889,69	7.575,01	13.174,99
24.04.2019	00:00:00	7.474,47	7.169,45	12.612,18
24.04.2019	00:15:00	7.089,68	6.780,96	12.254,40
24.04.2019	00:30:00	6.762,23	6.455,27	11.785,50
24.04.2019	00:45:00	6.608,00	6.308,70	11.736,80
24.04.2019	01:00:00	6.370,95	6.090,93	11.855,08
24.04.2019	01:15:00	6.156,35	5.916,74	11.733,39
24.04.2019	01:30:00	6.006,16	5.750,23	11.419,61
24.04.2019	01:45:00	5.921,30	5.577,62	11.058,44
24.04.2019	02:00:00	5.848,98	5.497,24	10.943,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.04.2019	02:15:00	5.844,19	5.492,88	10.878,51
24.04.2019	02:30:00	5.860,23	5.509,75	10.822,48
24.04.2019	02:45:00	5.824,08	5.481,76	10.877,64
24.04.2019	03:00:00	5.852,52	5.517,10	10.987,08
24.04.2019	03:15:00	5.876,08	5.531,20	11.065,92
24.04.2019	03:30:00	5.918,62	5.577,73	10.965,88
24.04.2019	03:45:00	6.062,31	5.734,48	10.958,18
24.04.2019	04:00:00	6.246,79	5.916,00	10.991,41
24.04.2019	04:15:00	6.341,25	6.010,29	11.073,90
24.04.2019	04:30:00	6.372,78	6.042,51	11.073,87
24.04.2019	04:45:00	6.503,95	6.167,94	11.235,44
24.04.2019	05:00:00	6.664,34	6.361,39	11.718,25
24.04.2019	05:15:00	7.063,31	6.805,69	12.512,49
24.04.2019	05:30:00	6.953,02	6.700,35	12.586,36
24.04.2019	05:45:00	7.343,68	7.064,18	13.445,82
24.04.2019	06:00:00	7.589,55	7.229,58	14.291,20
24.04.2019	06:15:00	7.467,57	7.095,21	15.132,94
24.04.2019	06:30:00	7.712,55	7.347,03	16.011,88
24.04.2019	06:45:00	7.568,41	7.139,76	16.507,34
24.04.2019	07:00:00	8.183,16	7.726,70	17.483,19
24.04.2019	07:15:00	8.254,74	7.735,31	18.045,74
24.04.2019	07:30:00	8.415,26	7.855,51	18.669,79
24.04.2019	07:45:00	8.357,50	7.719,22	18.933,12
24.04.2019	08:00:00	8.512,05	7.799,52	19.239,07
24.04.2019	08:15:00	8.691,90	7.827,82	19.126,84
24.04.2019	08:30:00	8.631,41	7.612,52	19.007,17
24.04.2019	08:45:00	8.928,61	7.591,76	19.007,44
24.04.2019	09:00:00	9.091,35	7.396,67	18.968,92
24.04.2019	09:15:00	9.329,46	7.251,75	18.219,42
24.04.2019	09:30:00	9.402,11	7.051,82	18.133,03
24.04.2019	09:45:00	9.553,48	6.844,85	18.478,84
24.04.2019	10:00:00	9.766,63	6.672,38	18.372,59
24.04.2019	10:15:00	9.787,39	6.337,46	18.455,49
24.04.2019	10:30:00	10.086,53	6.342,26	18.469,95
24.04.2019	10:45:00	9.901,50	5.861,54	18.051,96
24.04.2019	11:00:00	9.975,73	5.701,70	18.172,68
24.04.2019	11:15:00	10.360,44	5.785,49	18.206,21
24.04.2019	11:30:00	10.673,87	5.810,27	18.215,85
24.04.2019	11:45:00	11.055,09	6.034,56	18.637,36
24.04.2019	12:00:00	11.073,74	5.859,86	18.099,34
24.04.2019	12:15:00	11.362,71	6.084,44	17.697,85
24.04.2019	12:30:00	11.502,22	6.418,57	17.621,16
24.04.2019	12:45:00	11.181,96	6.348,26	17.743,73
24.04.2019	13:00:00	11.160,80	6.023,34	17.354,15
24.04.2019	13:15:00	10.822,96	5.425,91	16.933,61
24.04.2019	13:30:00	10.558,71	4.684,06	16.643,24
24.04.2019	13:45:00	10.511,86	5.022,85	16.975,69
24.04.2019	14:00:00	10.466,81	5.876,23	17.933,18
24.04.2019	14:15:00	10.538,32	5.684,80	17.333,09
24.04.2019	14:30:00	10.349,80	5.019,24	16.550,38
24.04.2019	14:45:00	10.165,39	5.171,94	16.683,04
24.04.2019	15:00:00	10.468,70	5.485,86	17.039,98
24.04.2019	15:15:00	10.508,01	4.694,82	15.952,45
24.04.2019	15:30:00	10.412,85	5.337,14	16.363,24
24.04.2019	15:45:00	10.430,91	6.770,11	17.692,98
24.04.2019	16:00:00	10.501,19	5.770,78	16.377,88
24.04.2019	16:15:00	10.386,13	6.238,09	16.468,22
24.04.2019	16:30:00	10.300,30	7.802,50	18.074,02
24.04.2019	16:45:00	10.305,30	8.261,24	18.221,30
24.04.2019	17:00:00	10.212,99	7.940,03	17.823,43
24.04.2019	17:15:00	10.423,55	8.317,13	17.815,40
24.04.2019	17:30:00	10.688,88	8.347,77	17.598,07
24.04.2019	17:45:00	11.003,27	7.794,13	16.842,86
24.04.2019	18:00:00	11.254,41	8.536,99	17.267,72
24.04.2019	18:15:00	11.326,89	7.940,92	16.439,88
24.04.2019	18:30:00	11.066,45	8.818,59	17.153,75
24.04.2019	18:45:00	10.699,48	8.972,81	17.292,72
24.04.2019	19:00:00	10.655,28	9.771,07	17.972,95
24.04.2019	19:15:00	10.842,11	10.283,03	18.320,46
24.04.2019	19:30:00	11.264,34	10.878,21	18.870,68
24.04.2019	19:45:00	11.429,88	11.112,21	18.939,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.04.2019	20:00:00	11.477,81	11.109,46	18.896,28
24.04.2019	20:15:00	11.191,32	10.894,88	18.525,82
24.04.2019	20:30:00	11.264,99	11.028,30	18.539,34
24.04.2019	20:45:00	11.693,37	11.469,26	19.069,41
24.04.2019	21:00:00	12.045,59	11.809,52	19.425,01
24.04.2019	21:15:00	11.849,26	11.613,41	19.016,17
24.04.2019	21:30:00	12.056,81	11.830,56	18.994,90
24.04.2019	21:45:00	11.571,81	11.298,15	18.301,87
24.04.2019	22:00:00	11.066,26	10.769,51	17.477,28
24.04.2019	22:15:00	10.848,22	10.547,78	17.079,87
24.04.2019	22:30:00	10.477,38	10.176,05	16.561,82
24.04.2019	22:45:00	10.055,27	9.762,23	16.059,90
24.04.2019	23:00:00	9.752,66	9.452,63	15.879,96
24.04.2019	23:15:00	9.292,23	8.980,07	15.103,76
24.04.2019	23:30:00	8.714,66	8.395,35	14.409,56
24.04.2019	23:45:00	8.298,66	8.020,09	13.977,82
25.04.2019	00:00:00	7.779,89	7.508,95	13.444,86
25.04.2019	00:15:00	7.523,99	7.252,76	12.969,38
25.04.2019	00:30:00	7.185,83	6.925,04	12.598,94
25.04.2019	00:45:00	7.105,21	6.810,09	12.567,15
25.04.2019	01:00:00	6.905,77	6.569,22	12.114,92
25.04.2019	01:15:00	6.749,46	6.409,18	11.902,06
25.04.2019	01:30:00	6.581,35	6.239,05	11.667,32
25.04.2019	01:45:00	6.434,86	6.092,71	11.388,14
25.04.2019	02:00:00	6.449,17	6.106,20	11.278,67
25.04.2019	02:15:00	6.360,31	5.987,49	11.289,55
25.04.2019	02:30:00	6.190,93	5.798,15	10.957,92
25.04.2019	02:45:00	6.112,31	5.694,28	10.834,22
25.04.2019	03:00:00	6.145,83	5.703,79	10.923,80
25.04.2019	03:15:00	6.027,38	5.602,15	10.892,36
25.04.2019	03:30:00	6.131,32	5.704,04	11.081,80
25.04.2019	03:45:00	6.211,93	5.788,51	11.050,57
25.04.2019	04:00:00	6.314,85	5.909,84	11.038,46
25.04.2019	04:15:00	6.575,80	6.174,95	11.258,46
25.04.2019	04:30:00	6.665,01	6.250,37	11.499,24
25.04.2019	04:45:00	6.754,51	6.346,63	11.569,15
25.04.2019	05:00:00	6.944,17	6.559,89	11.965,86
25.04.2019	05:15:00	7.314,03	7.063,01	12.888,37
25.04.2019	05:30:00	7.320,77	7.049,94	13.057,40
25.04.2019	05:45:00	7.718,48	7.444,08	13.696,86
25.04.2019	06:00:00	7.817,56	7.552,24	14.428,20
25.04.2019	06:15:00	7.656,09	7.439,07	15.576,77
25.04.2019	06:30:00	7.758,03	7.514,51	16.549,90
25.04.2019	06:45:00	7.930,35	7.634,10	17.301,44
25.04.2019	07:00:00	8.374,60	8.056,98	18.245,93
25.04.2019	07:15:00	8.410,93	8.052,31	18.626,69
25.04.2019	07:30:00	8.470,62	8.015,58	19.011,97
25.04.2019	07:45:00	8.513,84	8.010,96	19.221,96
25.04.2019	08:00:00	8.622,84	8.073,33	19.738,98
25.04.2019	08:15:00	8.886,78	8.188,52	20.129,91
25.04.2019	08:30:00	8.878,29	7.955,19	19.815,71
25.04.2019	08:45:00	9.033,10	7.824,27	20.190,31
25.04.2019	09:00:00	9.107,65	7.430,34	19.747,15
25.04.2019	09:15:00	9.181,46	7.114,49	18.530,27
25.04.2019	09:30:00	9.304,13	6.791,65	18.220,70
25.04.2019	09:45:00	9.590,51	6.727,22	19.331,57
25.04.2019	10:00:00	9.854,74	6.608,47	19.315,93
25.04.2019	10:15:00	9.802,79	6.184,73	18.662,70
25.04.2019	10:30:00	9.947,47	6.017,84	18.508,57
25.04.2019	10:45:00	10.118,03	5.802,02	18.295,83
25.04.2019	11:00:00	10.253,29	5.647,74	17.985,40
25.04.2019	11:15:00	10.361,47	5.515,27	17.928,98
25.04.2019	11:30:00	10.776,01	5.659,89	18.474,69
25.04.2019	11:45:00	11.094,27	5.753,38	18.341,79
25.04.2019	12:00:00	11.373,23	5.832,37	17.889,77
25.04.2019	12:15:00	11.280,00	5.896,96	17.571,92
25.04.2019	12:30:00	11.215,15	5.904,23	17.451,24
25.04.2019	12:45:00	10.896,81	5.066,22	16.660,73
25.04.2019	13:00:00	10.840,56	4.930,48	16.549,97
25.04.2019	13:15:00	10.763,31	4.609,34	16.525,39
25.04.2019	13:30:00	10.713,03	4.588,60	16.709,97

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.04.2019	13:45:00	10.534,17	4.395,11	16.541,41
25.04.2019	14:00:00	10.363,71	4.422,10	16.257,00
25.04.2019	14:15:00	10.133,07	4.781,95	16.545,99
25.04.2019	14:30:00	10.466,30	4.749,70	16.263,51
25.04.2019	14:45:00	10.152,31	4.695,86	16.143,10
25.04.2019	15:00:00	10.430,72	6.253,78	17.545,10
25.04.2019	15:15:00	10.570,29	5.636,41	16.785,19
25.04.2019	15:30:00	10.741,56	5.653,75	16.618,23
25.04.2019	15:45:00	10.727,21	6.599,82	17.321,88
25.04.2019	16:00:00	10.472,55	7.072,81	17.360,54
25.04.2019	16:15:00	10.755,03	6.448,65	16.224,43
25.04.2019	16:30:00	10.489,47	6.385,64	16.369,94
25.04.2019	16:45:00	11.016,99	6.136,00	15.785,90
25.04.2019	17:00:00	10.818,78	7.153,94	16.746,61
25.04.2019	17:15:00	11.369,87	6.839,80	16.315,80
25.04.2019	17:30:00	11.248,71	7.659,64	16.777,84
25.04.2019	17:45:00	11.476,11	8.116,48	17.157,82
25.04.2019	18:00:00	10.998,86	9.757,54	18.811,58
25.04.2019	18:15:00	10.761,93	9.930,91	18.755,64
25.04.2019	18:30:00	10.770,15	9.779,85	18.368,46
25.04.2019	18:45:00	10.681,98	9.720,99	17.897,00
25.04.2019	19:00:00	10.606,28	9.784,52	17.929,49
25.04.2019	19:15:00	10.637,86	9.997,90	18.083,80
25.04.2019	19:30:00	10.936,65	10.297,07	18.387,00
25.04.2019	19:45:00	10.855,28	10.431,75	18.338,20
25.04.2019	20:00:00	10.894,22	10.544,51	18.267,85
25.04.2019	20:15:00	10.652,63	10.493,73	18.213,74
25.04.2019	20:30:00	10.723,50	10.668,84	18.428,55
25.04.2019	20:45:00	10.843,57	10.836,45	18.568,40
25.04.2019	21:00:00	11.341,85	11.331,99	19.116,10
25.04.2019	21:15:00	11.443,57	11.398,94	18.827,42
25.04.2019	21:30:00	11.582,92	11.492,65	18.868,04
25.04.2019	21:45:00	11.166,35	11.084,78	18.341,20
25.04.2019	22:00:00	10.709,25	10.607,72	17.541,77
25.04.2019	22:15:00	10.476,13	10.400,19	16.995,39
25.04.2019	22:30:00	10.075,23	9.938,58	16.546,24
25.04.2019	22:45:00	9.924,18	9.738,95	15.941,52
25.04.2019	23:00:00	9.563,74	9.342,32	15.477,04
25.04.2019	23:15:00	8.967,48	8.742,71	14.859,96
25.04.2019	23:30:00	8.467,68	8.246,34	14.303,95
25.04.2019	23:45:00	7.962,20	7.738,03	13.771,51
26.04.2019	00:00:00	7.535,56	7.303,81	13.318,59
26.04.2019	00:15:00	7.269,15	7.034,53	12.924,98
26.04.2019	00:30:00	6.917,88	6.705,64	12.284,30
26.04.2019	00:45:00	6.701,32	6.597,31	12.101,77
26.04.2019	01:00:00	6.432,91	6.320,81	11.819,91
26.04.2019	01:15:00	6.339,23	6.241,53	11.654,61
26.04.2019	01:30:00	6.234,66	6.143,81	11.437,93
26.04.2019	01:45:00	6.116,58	6.025,34	11.188,46
26.04.2019	02:00:00	5.997,29	5.863,65	11.048,42
26.04.2019	02:15:00	5.936,58	5.792,22	10.975,82
26.04.2019	02:30:00	6.018,71	5.862,67	11.145,18
26.04.2019	02:45:00	5.938,76	5.781,47	11.176,94
26.04.2019	03:00:00	5.980,69	5.824,10	11.125,28
26.04.2019	03:15:00	5.945,26	5.787,59	11.092,54
26.04.2019	03:30:00	5.875,69	5.718,67	10.926,34
26.04.2019	03:45:00	5.942,48	5.790,54	10.796,42
26.04.2019	04:00:00	5.937,23	5.795,07	10.755,12
26.04.2019	04:15:00	6.173,98	6.032,14	11.090,04
26.04.2019	04:30:00	6.300,70	6.157,41	11.268,77
26.04.2019	04:45:00	6.326,84	6.176,52	11.281,83
26.04.2019	05:00:00	6.423,97	6.286,35	11.685,24
26.04.2019	05:15:00	6.932,58	6.845,13	12.602,33
26.04.2019	05:30:00	6.937,92	6.857,69	12.742,99
26.04.2019	05:45:00	7.217,85	7.163,02	13.386,74
26.04.2019	06:00:00	7.414,84	7.361,18	14.340,62
26.04.2019	06:15:00	7.526,12	7.500,46	15.806,85
26.04.2019	06:30:00	7.675,92	7.640,14	16.705,78
26.04.2019	06:45:00	7.851,60	7.644,12	17.312,52
26.04.2019	07:00:00	8.194,93	8.010,81	18.052,51
26.04.2019	07:15:00	8.746,98	8.515,29	18.928,13

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.04.2019	07:30:00	9.087,44	8.829,31	19.615,77
26.04.2019	07:45:00	9.391,22	9.091,28	20.272,66
26.04.2019	08:00:00	9.941,83	9.629,65	21.147,06
26.04.2019	08:15:00	10.257,45	10.022,40	21.747,25
26.04.2019	08:30:00	10.523,90	10.335,78	22.094,10
26.04.2019	08:45:00	10.970,09	10.785,35	22.601,14
26.04.2019	09:00:00	11.113,04	10.961,60	22.996,55
26.04.2019	09:15:00	11.317,96	11.088,46	22.834,64
26.04.2019	09:30:00	11.645,46	11.337,92	23.165,83
26.04.2019	09:45:00	11.979,43	11.769,83	24.179,90
26.04.2019	10:00:00	12.099,86	11.721,10	24.284,52
26.04.2019	10:15:00	12.283,34	11.608,35	24.261,67
26.04.2019	10:30:00	12.298,91	11.634,29	24.055,57
26.04.2019	10:45:00	12.223,58	11.695,33	24.139,22
26.04.2019	11:00:00	12.399,88	11.773,96	24.482,54
26.04.2019	11:15:00	12.481,29	11.889,99	24.638,48
26.04.2019	11:30:00	12.887,73	12.276,12	24.880,59
26.04.2019	11:45:00	13.136,26	12.363,57	25.171,89
26.04.2019	12:00:00	13.341,00	12.702,07	25.421,92
26.04.2019	12:15:00	13.599,24	12.885,34	25.098,75
26.04.2019	12:30:00	13.748,04	12.815,33	24.352,74
26.04.2019	12:45:00	13.225,75	12.304,83	23.856,37
26.04.2019	13:00:00	12.959,55	12.149,20	23.530,68
26.04.2019	13:15:00	12.824,74	11.748,68	23.106,46
26.04.2019	13:30:00	12.671,16	11.623,15	23.049,83
26.04.2019	13:45:00	12.600,66	11.642,89	23.005,58
26.04.2019	14:00:00	12.244,63	10.777,24	22.117,13
26.04.2019	14:15:00	11.915,93	9.474,15	20.339,67
26.04.2019	14:30:00	11.789,68	7.504,77	18.209,69
26.04.2019	14:45:00	12.014,72	8.601,04	19.227,90
26.04.2019	15:00:00	11.716,96	10.256,88	20.880,14
26.04.2019	15:15:00	11.905,22	11.058,40	21.387,41
26.04.2019	15:30:00	11.973,52	11.141,01	21.043,68
26.04.2019	15:45:00	11.910,89	11.174,12	20.793,06
26.04.2019	16:00:00	11.890,38	10.360,14	19.899,45
26.04.2019	16:15:00	11.512,85	9.222,38	18.362,85
26.04.2019	16:30:00	11.280,62	9.828,84	18.698,30
26.04.2019	16:45:00	11.568,93	9.979,78	18.441,52
26.04.2019	17:00:00	11.975,09	9.848,49	18.357,76
26.04.2019	17:15:00	11.745,10	9.943,59	18.184,06
26.04.2019	17:30:00	12.310,44	9.440,96	17.499,06
26.04.2019	17:45:00	12.355,14	9.680,35	17.635,66
26.04.2019	18:00:00	12.541,07	10.096,32	17.994,35
26.04.2019	18:15:00	11.842,95	10.939,02	18.582,80
26.04.2019	18:30:00	12.023,29	11.617,26	19.062,20
26.04.2019	18:45:00	11.984,79	11.857,08	19.020,25
26.04.2019	19:00:00	12.013,38	11.765,23	18.791,07
26.04.2019	19:15:00	12.207,72	11.881,89	18.809,40
26.04.2019	19:30:00	11.994,49	11.735,36	18.715,59
26.04.2019	19:45:00	11.943,49	11.810,13	18.803,60
26.04.2019	20:00:00	11.926,57	11.854,02	18.788,64
26.04.2019	20:15:00	11.934,15	11.854,06	18.582,97
26.04.2019	20:30:00	11.681,03	11.670,45	18.185,76
26.04.2019	20:45:00	12.199,56	12.148,55	18.612,35
26.04.2019	21:00:00	12.336,22	12.260,59	18.726,44
26.04.2019	21:15:00	12.325,49	12.283,89	18.573,11
26.04.2019	21:30:00	12.951,48	12.910,67	19.323,41
26.04.2019	21:45:00	12.533,70	12.454,17	18.756,47
26.04.2019	22:00:00	12.158,13	12.098,72	18.236,92
26.04.2019	22:15:00	12.052,00	11.991,09	17.893,37
26.04.2019	22:30:00	11.990,67	11.886,23	17.618,24
26.04.2019	22:45:00	11.905,48	11.783,51	17.406,00
26.04.2019	23:00:00	11.790,49	11.611,84	16.980,73
26.04.2019	23:15:00	11.119,18	10.908,81	16.172,18
26.04.2019	23:30:00	10.502,67	10.293,87	15.437,55
26.04.2019	23:45:00	9.978,26	9.798,76	14.898,81
27.04.2019	00:00:00	9.466,44	9.270,73	14.219,10
27.04.2019	00:15:00	8.945,71	8.701,33	13.758,40
27.04.2019	00:30:00	8.634,24	8.406,18	13.348,33
27.04.2019	00:45:00	8.276,07	8.112,89	13.118,80
27.04.2019	01:00:00	7.952,06	7.735,54	12.724,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.04.2019	01:15:00	7.741,49	7.494,31	12.497,74
27.04.2019	01:30:00	7.599,84	7.445,51	12.331,37
27.04.2019	01:45:00	7.450,25	7.340,58	12.201,79
27.04.2019	02:00:00	7.305,83	7.146,64	11.933,92
27.04.2019	02:15:00	7.182,34	7.056,35	11.756,16
27.04.2019	02:30:00	7.155,74	7.054,89	11.754,80
27.04.2019	02:45:00	7.072,47	6.958,47	11.554,68
27.04.2019	03:00:00	7.092,97	6.933,00	11.638,58
27.04.2019	03:15:00	7.048,75	6.909,51	11.511,07
27.04.2019	03:30:00	7.029,73	6.914,63	11.408,10
27.04.2019	03:45:00	7.124,13	6.985,34	11.426,04
27.04.2019	04:00:00	7.238,06	7.074,35	11.380,62
27.04.2019	04:15:00	7.377,13	7.240,43	11.449,09
27.04.2019	04:30:00	7.404,45	7.305,89	11.548,65
27.04.2019	04:45:00	7.386,55	7.252,73	11.530,75
27.04.2019	05:00:00	7.425,31	7.286,67	11.669,22
27.04.2019	05:15:00	7.555,88	7.483,13	11.952,33
27.04.2019	05:30:00	7.277,51	7.243,28	11.790,97
27.04.2019	05:45:00	7.424,47	7.323,95	12.094,81
27.04.2019	06:00:00	7.448,42	7.343,18	12.274,74
27.04.2019	06:15:00	7.263,24	7.144,68	12.298,45
27.04.2019	06:30:00	7.382,54	7.205,52	12.447,74
27.04.2019	06:45:00	7.345,55	7.028,27	12.360,26
27.04.2019	07:00:00	7.275,42	6.805,44	12.233,90
27.04.2019	07:15:00	7.364,59	6.812,43	12.108,06
27.04.2019	07:30:00	7.736,50	7.096,80	12.567,90
27.04.2019	07:45:00	8.020,63	7.242,28	12.864,02
27.04.2019	08:00:00	8.081,18	7.205,45	12.790,76
27.04.2019	08:15:00	8.253,04	7.192,48	12.753,34
27.04.2019	08:30:00	8.233,57	6.802,95	12.577,09
27.04.2019	08:45:00	8.679,59	7.014,91	12.821,12
27.04.2019	09:00:00	8.743,52	6.718,94	12.414,84
27.04.2019	09:15:00	9.424,63	7.406,13	13.215,94
27.04.2019	09:30:00	9.549,21	7.067,51	12.696,35
27.04.2019	09:45:00	10.237,19	7.466,41	13.073,25
27.04.2019	10:00:00	10.807,80	8.792,18	14.526,54
27.04.2019	10:15:00	11.114,17	8.621,92	14.088,83
27.04.2019	10:30:00	10.918,17	7.053,23	12.473,64
27.04.2019	10:45:00	10.620,92	6.214,42	11.523,72
27.04.2019	11:00:00	10.512,83	8.192,36	13.567,58
27.04.2019	11:15:00	11.635,49	10.588,17	16.152,00
27.04.2019	11:30:00	12.278,43	10.957,47	16.502,65
27.04.2019	11:45:00	12.541,46	10.459,75	16.016,79
27.04.2019	12:00:00	12.582,99	9.666,71	15.255,36
27.04.2019	12:15:00	12.330,50	10.071,14	15.400,64
27.04.2019	12:30:00	12.678,18	9.399,34	14.578,92
27.04.2019	12:45:00	12.373,93	9.377,43	14.732,64
27.04.2019	13:00:00	12.228,67	9.722,03	15.129,41
27.04.2019	13:15:00	12.294,05	10.572,74	15.892,12
27.04.2019	13:30:00	12.356,23	10.968,91	16.346,03
27.04.2019	13:45:00	12.046,80	10.203,48	15.514,08
27.04.2019	14:00:00	11.602,66	9.828,21	15.256,75
27.04.2019	14:15:00	11.614,61	8.739,40	14.054,61
27.04.2019	14:30:00	11.173,65	9.226,24	14.571,79
27.04.2019	14:45:00	11.415,65	9.588,53	14.948,89
27.04.2019	15:00:00	10.937,13	8.595,36	13.750,01
27.04.2019	15:15:00	11.176,63	7.111,76	12.069,19
27.04.2019	15:30:00	10.350,03	8.887,81	13.903,52
27.04.2019	15:45:00	10.854,49	8.934,09	13.920,63
27.04.2019	16:00:00	10.777,34	8.336,39	13.042,15
27.04.2019	16:15:00	10.732,32	8.708,88	13.413,33
27.04.2019	16:30:00	10.663,82	8.709,92	13.491,95
27.04.2019	16:45:00	10.762,18	7.830,65	12.637,76
27.04.2019	17:00:00	10.752,66	10.085,40	15.009,08
27.04.2019	17:15:00	11.586,52	11.314,25	16.378,39
27.04.2019	17:30:00	12.065,38	11.814,80	16.877,99
27.04.2019	17:45:00	12.431,88	11.799,04	16.780,25
27.04.2019	18:00:00	12.108,35	10.752,92	15.656,43
27.04.2019	18:15:00	12.055,79	11.651,42	16.531,35
27.04.2019	18:30:00	12.098,47	11.586,93	16.400,22
27.04.2019	18:45:00	12.145,29	10.171,92	14.943,05

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.04.2019	19:00:00	11.721,54	11.113,61	15.898,70
27.04.2019	19:15:00	12.001,82	11.468,42	16.221,90
27.04.2019	19:30:00	12.081,52	11.655,65	16.494,02
27.04.2019	19:45:00	11.909,82	11.621,79	16.397,68
27.04.2019	20:00:00	11.740,77	11.479,78	16.098,04
27.04.2019	20:15:00	11.711,38	11.542,21	16.060,08
27.04.2019	20:30:00	11.692,02	11.571,80	16.020,49
27.04.2019	20:45:00	12.007,78	11.896,40	16.444,50
27.04.2019	21:00:00	12.142,95	12.031,91	16.635,93
27.04.2019	21:15:00	12.260,94	12.150,62	16.707,97
27.04.2019	21:30:00	12.698,45	12.608,45	17.169,26
27.04.2019	21:45:00	12.040,03	11.978,87	16.312,41
27.04.2019	22:00:00	11.677,38	11.578,20	15.822,64
27.04.2019	22:15:00	11.842,12	11.724,96	15.867,97
27.04.2019	22:30:00	12.012,02	11.789,90	16.003,72
27.04.2019	22:45:00	11.954,47	11.726,48	15.887,44
27.04.2019	23:00:00	11.791,43	11.570,29	15.592,48
27.04.2019	23:15:00	11.366,61	11.131,72	15.027,98
27.04.2019	23:30:00	10.750,12	10.507,75	14.360,71
27.04.2019	23:45:00	10.247,19	9.999,98	13.906,08
28.04.2019	00:00:00	9.799,54	9.548,29	13.437,90
28.04.2019	00:15:00	9.153,15	8.895,84	12.619,26
28.04.2019	00:30:00	8.667,16	8.405,34	12.084,04
28.04.2019	00:45:00	8.391,75	8.127,52	11.800,70
28.04.2019	01:00:00	8.087,47	7.820,36	11.474,34
28.04.2019	01:15:00	7.801,36	7.545,98	11.183,65
28.04.2019	01:30:00	7.646,12	7.487,33	11.198,53
28.04.2019	01:45:00	7.466,13	7.305,33	10.891,93
28.04.2019	02:00:00	7.405,87	7.244,70	10.823,34
28.04.2019	02:15:00	7.290,25	7.134,72	10.903,02
28.04.2019	02:30:00	7.314,33	7.203,30	10.913,60
28.04.2019	02:45:00	7.167,12	7.047,86	10.678,37
28.04.2019	03:00:00	7.118,72	7.002,95	10.703,51
28.04.2019	03:15:00	7.094,72	6.981,96	10.740,34
28.04.2019	03:30:00	7.051,40	6.939,46	10.643,70
28.04.2019	03:45:00	7.122,01	6.965,13	10.652,88
28.04.2019	04:00:00	7.117,04	6.957,26	10.578,49
28.04.2019	04:15:00	7.116,16	7.002,44	10.598,04
28.04.2019	04:30:00	7.054,81	6.983,44	10.573,79
28.04.2019	04:45:00	7.077,23	6.991,89	10.577,02
28.04.2019	05:00:00	7.061,66	7.025,03	10.699,61
28.04.2019	05:15:00	7.037,62	6.999,98	10.727,24
28.04.2019	05:30:00	6.938,01	6.857,07	10.504,34
28.04.2019	05:45:00	7.105,56	6.960,30	10.588,56
28.04.2019	06:00:00	7.041,97	6.906,48	10.787,76
28.04.2019	06:15:00	6.797,84	6.662,35	10.638,91
28.04.2019	06:30:00	6.855,64	6.637,25	10.618,62
28.04.2019	06:45:00	6.834,56	6.556,02	10.564,66
28.04.2019	07:00:00	6.750,24	6.486,18	10.411,20
28.04.2019	07:15:00	6.898,28	6.569,88	10.566,09
28.04.2019	07:30:00	7.026,36	6.595,19	10.716,66
28.04.2019	07:45:00	6.888,95	6.392,27	10.464,26
28.04.2019	08:00:00	6.655,90	6.016,48	9.952,16
28.04.2019	08:15:00	6.887,94	6.069,49	10.063,00
28.04.2019	08:30:00	6.898,00	5.824,19	9.842,28
28.04.2019	08:45:00	7.292,30	5.845,98	9.846,36
28.04.2019	09:00:00	7.481,09	5.969,03	10.008,67
28.04.2019	09:15:00	8.405,75	6.173,13	10.254,64
28.04.2019	09:30:00	9.021,29	6.661,85	10.755,13
28.04.2019	09:45:00	9.716,23	8.833,78	13.181,92
28.04.2019	10:00:00	10.651,93	9.421,74	13.595,60
28.04.2019	10:15:00	10.314,89	7.793,07	11.905,27
28.04.2019	10:30:00	10.331,15	8.139,33	12.236,54
28.04.2019	10:45:00	9.921,92	8.035,45	12.098,26
28.04.2019	11:00:00	11.266,37	7.377,83	11.283,57
28.04.2019	11:15:00	10.462,31	8.315,37	12.251,72
28.04.2019	11:30:00	12.301,63	7.152,68	11.161,57
28.04.2019	11:45:00	11.679,60	6.205,88	10.135,08
28.04.2019	12:00:00	13.407,32	8.046,63	12.036,28
28.04.2019	12:15:00	12.225,94	10.217,16	14.405,54
28.04.2019	12:30:00	12.380,91	11.903,33	16.120,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.04.2019	12:45:00	12.762,39	12.396,75	16.594,31
28.04.2019	13:00:00	12.839,47	12.157,52	16.338,67
28.04.2019	13:15:00	12.464,30	10.887,55	15.020,69
28.04.2019	13:30:00	12.047,71	8.980,32	12.923,71
28.04.2019	13:45:00	12.191,17	5.724,12	9.555,23
28.04.2019	14:00:00	11.233,01	6.375,51	10.222,65
28.04.2019	14:15:00	9.594,20	6.916,56	10.770,47
28.04.2019	14:30:00	9.977,10	7.304,24	11.159,10
28.04.2019	14:45:00	10.118,56	8.050,80	11.898,63
28.04.2019	15:00:00	10.026,94	5.859,18	9.701,26
28.04.2019	15:15:00	9.980,51	4.400,54	8.144,29
28.04.2019	15:30:00	9.070,25	4.523,53	8.310,63
28.04.2019	15:45:00	10.294,94	4.277,46	8.040,91
28.04.2019	16:00:00	10.328,80	4.271,06	8.015,87
28.04.2019	16:15:00	10.463,31	4.617,00	8.302,34
28.04.2019	16:30:00	10.643,03	4.988,91	8.705,02
28.04.2019	16:45:00	10.578,47	5.660,38	9.438,11
28.04.2019	17:00:00	11.409,75	5.983,91	9.741,80
28.04.2019	17:15:00	11.275,93	6.525,77	10.443,87
28.04.2019	17:30:00	10.587,45	7.615,87	11.801,39
28.04.2019	17:45:00	10.934,11	7.692,39	11.894,13
28.04.2019	18:00:00	11.674,85	7.858,51	12.077,12
28.04.2019	18:15:00	12.104,13	8.553,42	12.728,26
28.04.2019	18:30:00	11.919,01	9.198,42	13.344,62
28.04.2019	18:45:00	11.081,62	10.106,70	14.454,29
28.04.2019	19:00:00	10.830,88	10.354,79	14.663,89
28.04.2019	19:15:00	11.280,99	10.832,69	15.182,50
28.04.2019	19:30:00	11.324,55	11.083,29	15.396,14
28.04.2019	19:45:00	11.378,81	11.171,75	15.401,26
28.04.2019	20:00:00	11.496,20	11.300,82	15.570,42
28.04.2019	20:15:00	11.546,44	11.379,26	15.638,73
28.04.2019	20:30:00	11.706,94	11.589,31	15.721,48
28.04.2019	20:45:00	11.740,54	11.675,54	15.613,25
28.04.2019	21:00:00	11.964,61	11.906,64	15.870,82
28.04.2019	21:15:00	12.034,31	11.976,67	15.893,95
28.04.2019	21:30:00	12.461,29	12.311,67	16.226,13
28.04.2019	21:45:00	11.958,06	11.740,51	15.740,28
28.04.2019	22:00:00	11.837,63	11.664,63	15.763,88
28.04.2019	22:15:00	11.489,40	11.303,81	15.673,45
28.04.2019	22:30:00	11.270,17	11.059,92	15.470,45
28.04.2019	22:45:00	11.111,68	10.929,79	15.186,19
28.04.2019	23:00:00	10.852,30	10.625,72	14.762,35
28.04.2019	23:15:00	10.233,11	10.042,95	14.137,42
28.04.2019	23:30:00	9.663,87	9.467,17	13.563,80
28.04.2019	23:45:00	9.155,50	8.952,80	13.112,63
29.04.2019	00:00:00	8.614,22	8.397,82	12.559,69
29.04.2019	00:15:00	8.044,29	7.782,56	11.914,42
29.04.2019	00:30:00	7.629,87	7.365,71	11.480,01
29.04.2019	00:45:00	7.218,14	7.084,20	11.240,76
29.04.2019	01:00:00	7.056,20	6.949,61	11.242,14
29.04.2019	01:15:00	6.913,85	6.797,35	11.022,06
29.04.2019	01:30:00	6.930,08	6.770,66	10.932,08
29.04.2019	01:45:00	6.878,56	6.748,47	10.869,55
29.04.2019	02:00:00	6.877,97	6.767,94	10.750,50
29.04.2019	02:15:00	6.853,77	6.743,24	10.667,93
29.04.2019	02:30:00	6.788,71	6.668,51	10.778,28
29.04.2019	02:45:00	6.796,69	6.635,22	10.749,04
29.04.2019	03:00:00	6.799,72	6.636,97	10.820,54
29.04.2019	03:15:00	6.805,06	6.643,84	10.792,10
29.04.2019	03:30:00	7.051,63	6.891,78	11.046,62
29.04.2019	03:45:00	7.129,40	6.966,91	11.161,57
29.04.2019	04:00:00	7.074,12	6.802,94	10.932,95
29.04.2019	04:15:00	7.405,81	7.134,81	11.243,63
29.04.2019	04:30:00	7.572,73	7.304,37	11.627,76
29.04.2019	04:45:00	7.686,18	7.417,10	11.711,36
29.04.2019	05:00:00	7.797,42	7.537,31	11.967,14
29.04.2019	05:15:00	8.109,44	7.873,41	13.099,45
29.04.2019	05:30:00	8.123,33	7.904,21	13.471,68
29.04.2019	05:45:00	8.601,07	8.400,50	14.326,46
29.04.2019	06:00:00	8.758,99	8.552,39	15.344,07
29.04.2019	06:15:00	8.931,34	8.744,99	16.645,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.04.2019	06:30:00	9.124,70	8.915,03	17.583,26
29.04.2019	06:45:00	9.319,42	9.038,02	18.543,79
29.04.2019	07:00:00	9.529,27	9.218,90	19.363,51
29.04.2019	07:15:00	10.093,40	9.779,71	20.118,50
29.04.2019	07:30:00	10.418,56	10.121,53	20.891,72
29.04.2019	07:45:00	10.870,37	10.568,69	21.883,19
29.04.2019	08:00:00	11.073,54	10.710,77	22.497,73
29.04.2019	08:15:00	11.345,59	10.921,17	22.975,81
29.04.2019	08:30:00	11.394,60	10.677,99	23.044,36
29.04.2019	08:45:00	11.266,19	10.052,75	22.258,54
29.04.2019	09:00:00	11.204,30	9.705,56	21.674,44
29.04.2019	09:15:00	11.095,72	9.108,43	20.684,64
29.04.2019	09:30:00	11.190,88	8.514,69	19.867,14
29.04.2019	09:45:00	11.270,28	8.839,07	20.742,57
29.04.2019	10:00:00	10.985,59	8.792,51	20.852,51
29.04.2019	10:15:00	11.425,24	8.724,04	20.520,39
29.04.2019	10:30:00	11.556,66	8.511,43	20.485,63
29.04.2019	10:45:00	11.669,70	8.134,05	20.289,86
29.04.2019	11:00:00	11.276,23	8.537,66	20.755,65
29.04.2019	11:15:00	11.141,55	8.057,69	20.278,26
29.04.2019	11:30:00	11.702,84	8.122,54	20.350,50
29.04.2019	11:45:00	11.862,83	7.874,55	20.115,38
29.04.2019	12:00:00	12.125,75	8.622,58	20.909,56
29.04.2019	12:15:00	12.615,16	9.520,26	21.173,25
29.04.2019	12:30:00	12.661,74	9.355,20	20.614,90
29.04.2019	12:45:00	12.469,68	8.880,70	20.363,79
29.04.2019	13:00:00	12.204,78	8.421,26	19.884,76
29.04.2019	13:15:00	11.844,62	7.792,58	19.392,84
29.04.2019	13:30:00	11.721,96	7.827,04	19.510,80
29.04.2019	13:45:00	11.499,36	7.412,82	19.381,30
29.04.2019	14:00:00	11.621,07	7.739,56	19.465,55
29.04.2019	14:15:00	11.402,11	8.068,45	19.889,36
29.04.2019	14:30:00	10.859,96	7.600,86	19.295,32
29.04.2019	14:45:00	11.050,95	7.776,63	19.452,76
29.04.2019	15:00:00	11.117,52	7.483,58	19.065,87
29.04.2019	15:15:00	10.960,46	8.074,81	19.414,52
29.04.2019	15:30:00	10.944,72	7.862,41	18.628,87
29.04.2019	15:45:00	10.972,78	7.786,74	18.283,60
29.04.2019	16:00:00	10.724,47	7.975,75	18.271,63
29.04.2019	16:15:00	11.344,50	8.248,59	18.310,58
29.04.2019	16:30:00	11.160,72	8.295,13	18.180,32
29.04.2019	16:45:00	11.126,17	8.469,70	18.074,88
29.04.2019	17:00:00	11.160,45	8.613,68	17.755,78
29.04.2019	17:15:00	11.266,86	9.435,02	18.803,60
29.04.2019	17:30:00	11.621,78	10.919,48	20.146,41
29.04.2019	17:45:00	11.973,44	11.356,98	20.401,05
29.04.2019	18:00:00	12.075,41	11.286,29	20.124,20
29.04.2019	18:15:00	12.105,53	11.190,49	19.958,04
29.04.2019	18:30:00	12.109,27	11.626,22	20.238,04
29.04.2019	18:45:00	12.174,90	11.880,34	20.355,84
29.04.2019	19:00:00	12.055,18	11.708,81	20.084,53
29.04.2019	19:15:00	12.373,50	12.059,17	20.430,03
29.04.2019	19:30:00	12.286,11	12.091,42	20.551,93
29.04.2019	19:45:00	12.451,38	12.362,25	20.581,56
29.04.2019	20:00:00	12.425,70	12.363,36	20.178,24
29.04.2019	20:15:00	12.368,30	12.311,56	19.930,39
29.04.2019	20:30:00	12.619,19	12.579,16	20.202,94
29.04.2019	20:45:00	12.799,96	12.741,49	20.284,41
29.04.2019	21:00:00	12.884,86	12.846,19	20.216,66
29.04.2019	21:15:00	12.725,31	12.698,91	19.924,20
29.04.2019	21:30:00	13.216,68	13.144,64	20.383,98
29.04.2019	21:45:00	12.544,54	12.477,20	19.523,66
29.04.2019	22:00:00	12.073,34	12.020,21	18.772,28
29.04.2019	22:15:00	11.873,83	11.788,81	18.266,83
29.04.2019	22:30:00	11.516,73	11.410,08	17.687,81
29.04.2019	22:45:00	11.398,62	11.196,05	17.054,77
29.04.2019	23:00:00	11.097,91	10.888,79	16.596,46
29.04.2019	23:15:00	10.343,55	10.146,94	15.743,87
29.04.2019	23:30:00	9.735,98	9.505,42	15.061,13
29.04.2019	23:45:00	9.198,49	9.001,62	14.444,73
30.04.2019	00:00:00	8.665,19	8.462,13	13.958,65

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.04.2019	00:15:00	8.153,96	7.905,48	13.254,17
30.04.2019	00:30:00	7.628,13	7.385,17	12.876,74
30.04.2019	00:45:00	7.434,76	7.223,86	12.800,31
30.04.2019	01:00:00	7.125,67	6.901,76	12.441,85
30.04.2019	01:15:00	6.896,59	6.628,66	12.314,49
30.04.2019	01:30:00	6.781,13	6.560,57	12.348,74
30.04.2019	01:45:00	6.727,96	6.508,54	12.228,60
30.04.2019	02:00:00	6.695,90	6.523,18	12.189,96
30.04.2019	02:15:00	6.645,26	6.500,35	12.134,29
30.04.2019	02:30:00	6.634,29	6.483,24	12.006,91
30.04.2019	02:45:00	6.580,92	6.443,92	11.924,82
30.04.2019	03:00:00	6.637,09	6.518,50	12.141,60
30.04.2019	03:15:00	6.535,02	6.377,62	12.022,94
30.04.2019	03:30:00	6.647,80	6.510,75	11.783,77
30.04.2019	03:45:00	6.759,03	6.652,23	11.964,19
30.04.2019	04:00:00	6.910,03	6.785,68	11.976,41
30.04.2019	04:15:00	7.132,35	6.978,98	12.211,76
30.04.2019	04:30:00	7.319,43	7.167,70	12.613,78
30.04.2019	04:45:00	7.264,11	7.112,34	12.618,65
30.04.2019	05:00:00	7.374,95	7.244,34	12.895,27
30.04.2019	05:15:00	7.709,17	7.596,83	13.897,01
30.04.2019	05:30:00	7.847,01	7.636,61	14.106,28
30.04.2019	05:45:00	8.270,98	8.091,87	14.968,05
30.04.2019	06:00:00	8.526,23	8.343,16	15.880,40
30.04.2019	06:15:00	9.090,77	8.922,64	17.646,45
30.04.2019	06:30:00	9.341,83	9.197,86	18.730,46
30.04.2019	06:45:00	9.356,82	9.209,18	19.543,26
30.04.2019	07:00:00	9.676,23	9.555,87	20.277,54
30.04.2019	07:15:00	10.060,13	9.938,99	21.270,30
30.04.2019	07:30:00	10.517,65	10.400,74	22.152,01
30.04.2019	07:45:00	10.928,71	10.775,96	22.892,83
30.04.2019	08:00:00	11.200,18	11.046,38	23.543,74
30.04.2019	08:15:00	11.537,64	11.352,85	24.155,46
30.04.2019	08:30:00	11.699,49	11.416,99	24.263,13
30.04.2019	08:45:00	11.701,16	11.270,04	24.404,89
30.04.2019	09:00:00	11.899,54	11.546,18	24.749,13
30.04.2019	09:15:00	12.235,00	11.856,99	24.530,68
30.04.2019	09:30:00	12.257,69	11.936,62	24.700,39
30.04.2019	09:45:00	12.483,31	12.200,78	25.237,31
30.04.2019	10:00:00	12.621,84	12.409,71	25.715,93
30.04.2019	10:15:00	12.672,19	12.361,43	25.607,82
30.04.2019	10:30:00	12.906,97	12.560,30	25.822,90
30.04.2019	10:45:00	12.914,62	12.540,71	25.910,93
30.04.2019	11:00:00	13.032,96	12.543,52	26.018,56
30.04.2019	11:15:00	13.055,18	12.539,51	26.082,86
30.04.2019	11:30:00	13.204,64	12.813,96	26.387,58
30.04.2019	11:45:00	13.375,14	12.853,54	26.487,28
30.04.2019	12:00:00	13.568,75	12.677,90	25.822,35
30.04.2019	12:15:00	13.688,57	12.866,52	25.827,86
30.04.2019	12:30:00	14.082,86	13.257,53	25.469,32
30.04.2019	12:45:00	13.741,28	13.103,45	25.341,62
30.04.2019	13:00:00	13.410,28	12.763,60	24.916,16
30.04.2019	13:15:00	13.350,72	12.331,64	24.588,36
30.04.2019	13:30:00	12.977,77	11.965,21	24.411,09
30.04.2019	13:45:00	12.853,84	11.935,81	24.282,52
30.04.2019	14:00:00	12.001,83	10.581,71	22.655,69
30.04.2019	14:15:00	11.410,77	6.760,48	18.421,13
30.04.2019	14:30:00	12.301,91	6.118,17	17.669,20
30.04.2019	14:45:00	13.121,35	7.789,54	19.351,68
30.04.2019	15:00:00	12.624,79	8.241,98	19.558,22
30.04.2019	15:15:00	12.527,76	6.305,83	17.302,86
30.04.2019	15:30:00	11.540,03	9.062,87	20.034,99
30.04.2019	15:45:00	10.499,08	8.752,06	18.992,98
30.04.2019	16:00:00	12.847,08	7.143,42	17.025,53
30.04.2019	16:15:00	11.600,14	9.103,68	18.861,50
30.04.2019	16:30:00	10.638,44	9.138,99	18.810,10
30.04.2019	16:45:00	10.453,70	9.178,49	18.707,66
30.04.2019	17:00:00	10.382,60	9.000,69	18.209,55
30.04.2019	17:15:00	10.701,89	9.243,22	18.455,85
30.04.2019	17:30:00	10.759,44	9.722,33	19.002,72
30.04.2019	17:45:00	11.034,46	9.929,19	19.009,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.04.2019	18:00:00	10.824,13	9.709,80	18.413,65
30.04.2019	18:15:00	11.426,86	9.160,05	17.482,76
30.04.2019	18:30:00	11.973,27	10.140,95	18.308,15
30.04.2019	18:45:00	11.830,43	10.522,04	18.643,86
30.04.2019	19:00:00	11.534,20	10.760,89	18.976,08
30.04.2019	19:15:00	11.774,75	11.081,29	19.232,92
30.04.2019	19:30:00	11.884,10	10.978,29	18.927,99
30.04.2019	19:45:00	11.511,17	10.960,15	18.751,93
30.04.2019	20:00:00	11.423,92	11.047,35	18.676,13
30.04.2019	20:15:00	11.392,13	11.167,61	18.569,38
30.04.2019	20:30:00	11.457,27	11.348,72	18.570,15
30.04.2019	20:45:00	11.683,61	11.631,47	18.759,06
30.04.2019	21:00:00	11.899,39	11.821,74	19.022,00
30.04.2019	21:15:00	12.565,46	12.513,71	19.768,00
30.04.2019	21:30:00	13.391,05	13.352,68	20.347,66
30.04.2019	21:45:00	13.015,72	12.973,00	19.454,79
30.04.2019	22:00:00	12.680,87	12.610,52	18.975,29
30.04.2019	22:15:00	12.574,92	12.526,05	18.573,88
30.04.2019	22:30:00	12.448,05	12.397,91	18.205,26
30.04.2019	22:45:00	12.519,30	12.443,16	18.015,07
30.04.2019	23:00:00	12.252,29	12.065,92	17.372,09
30.04.2019	23:15:00	11.572,78	11.351,22	16.429,32
30.04.2019	23:30:00	10.790,40	10.562,20	15.505,35
30.04.2019	23:45:00	10.209,23	9.991,47	14.897,99
01.05.2019	00:00:00	9.682,10	9.495,30	14.243,25
01.05.2019	00:15:00	9.101,75	8.862,68	13.479,90
01.05.2019	00:30:00	8.765,29	8.563,52	13.044,28
01.05.2019	00:45:00	8.283,07	8.078,27	12.477,57
01.05.2019	01:00:00	8.012,43	7.805,78	12.209,64
01.05.2019	01:15:00	7.850,63	7.603,92	11.962,86
01.05.2019	01:30:00	7.733,03	7.472,41	11.775,51
01.05.2019	01:45:00	7.560,07	7.347,38	11.652,34
01.05.2019	02:00:00	7.430,07	7.272,07	11.443,28
01.05.2019	02:15:00	7.300,99	7.185,44	11.333,16
01.05.2019	02:30:00	7.357,04	7.226,63	11.409,92
01.05.2019	02:45:00	7.447,07	7.380,68	11.490,18
01.05.2019	03:00:00	7.474,36	7.446,01	11.613,09
01.05.2019	03:15:00	7.385,91	7.356,42	11.587,76
01.05.2019	03:30:00	7.473,20	7.406,84	11.499,01
01.05.2019	03:45:00	7.578,54	7.499,82	11.497,89
01.05.2019	04:00:00	7.765,01	7.692,91	11.762,72
01.05.2019	04:15:00	7.887,92	7.823,73	11.899,38
01.05.2019	04:30:00	7.924,57	7.858,19	11.888,86
01.05.2019	04:45:00	7.944,65	7.870,09	11.980,69
01.05.2019	05:00:00	8.001,80	7.933,36	11.974,25
01.05.2019	05:15:00	8.066,42	7.967,71	12.043,70
01.05.2019	05:30:00	7.609,61	7.442,83	11.607,29
01.05.2019	05:45:00	7.764,11	7.588,73	11.560,63
01.05.2019	06:00:00	7.438,34	7.257,52	11.310,27
01.05.2019	06:15:00	7.477,40	7.307,80	11.397,76
01.05.2019	06:30:00	7.379,10	7.142,28	11.188,63
01.05.2019	06:45:00	7.132,57	6.811,27	10.813,78
01.05.2019	07:00:00	7.051,81	6.618,42	10.727,06
01.05.2019	07:15:00	7.104,23	6.539,56	10.619,20
01.05.2019	07:30:00	7.177,94	6.452,47	10.427,56
01.05.2019	07:45:00	7.314,04	6.504,54	10.490,83
01.05.2019	08:00:00	7.343,43	6.491,35	10.412,96
01.05.2019	08:15:00	7.191,62	6.273,73	10.170,70
01.05.2019	08:30:00	7.432,55	6.245,39	10.128,75
01.05.2019	08:45:00	7.611,70	6.140,18	9.949,67
01.05.2019	09:00:00	7.997,92	6.143,61	9.943,96
01.05.2019	09:15:00	8.151,33	5.914,06	9.784,72
01.05.2019	09:30:00	8.495,49	5.857,83	9.707,03
01.05.2019	09:45:00	8.868,17	5.833,07	9.626,51
01.05.2019	10:00:00	9.109,92	5.736,71	9.635,33
01.05.2019	10:15:00	9.231,48	5.503,67	9.519,78
01.05.2019	10:30:00	9.520,73	5.420,20	9.329,38
01.05.2019	10:45:00	9.436,11	5.017,32	9.049,40
01.05.2019	11:00:00	9.601,56	4.905,11	9.008,13
01.05.2019	11:15:00	9.600,06	4.628,70	8.706,70
01.05.2019	11:30:00	9.759,83	4.549,10	8.640,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.05.2019	11:45:00	9.921,03	4.562,38	8.570,80
01.05.2019	12:00:00	9.894,43	4.339,99	8.365,16
01.05.2019	12:15:00	9.836,85	4.162,56	8.262,64
01.05.2019	12:30:00	10.008,50	4.119,70	8.213,80
01.05.2019	12:45:00	9.755,23	3.815,21	8.049,19
01.05.2019	13:00:00	9.656,97	3.656,42	7.964,07
01.05.2019	13:15:00	9.499,04	3.395,39	7.755,53
01.05.2019	13:30:00	9.587,39	3.389,61	7.650,73
01.05.2019	13:45:00	9.275,63	3.107,37	7.375,49
01.05.2019	14:00:00	9.000,21	2.880,04	7.006,46
01.05.2019	14:15:00	8.821,73	2.620,35	6.680,37
01.05.2019	14:30:00	8.672,29	2.472,65	6.576,16
01.05.2019	14:45:00	8.564,13	2.480,72	6.491,40
01.05.2019	15:00:00	8.450,54	2.399,56	6.393,57
01.05.2019	15:15:00	8.530,32	2.558,20	6.525,05
01.05.2019	15:30:00	8.550,79	2.607,56	6.590,73
01.05.2019	15:45:00	8.553,96	2.739,36	6.748,57
01.05.2019	16:00:00	8.742,52	3.120,47	7.339,64
01.05.2019	16:15:00	8.826,94	3.266,10	7.496,46
01.05.2019	16:30:00	8.857,01	3.442,27	7.524,10
01.05.2019	16:45:00	9.098,90	3.997,17	8.216,84
01.05.2019	17:00:00	9.194,89	4.302,77	8.545,66
01.05.2019	17:15:00	9.399,82	4.819,36	9.004,90
01.05.2019	17:30:00	9.579,75	5.327,14	9.857,00
01.05.2019	17:45:00	9.785,75	5.829,31	10.299,99
01.05.2019	18:00:00	10.004,45	6.393,61	10.785,98
01.05.2019	18:15:00	10.160,40	6.884,38	11.247,60
01.05.2019	18:30:00	10.286,59	7.451,73	11.802,18
01.05.2019	18:45:00	10.256,74	7.921,51	12.226,60
01.05.2019	19:00:00	10.289,31	8.323,32	12.804,65
01.05.2019	19:15:00	10.395,34	8.775,09	13.211,44
01.05.2019	19:30:00	10.358,07	9.145,35	13.570,78
01.05.2019	19:45:00	10.347,06	9.506,10	14.029,51
01.05.2019	20:00:00	10.095,54	9.536,59	14.102,10
01.05.2019	20:15:00	10.249,55	9.925,54	14.459,34
01.05.2019	20:30:00	10.330,50	10.134,14	14.389,27
01.05.2019	20:45:00	10.445,58	10.355,81	14.626,99
01.05.2019	21:00:00	10.807,81	10.746,57	14.859,65
01.05.2019	21:15:00	11.426,54	11.341,91	15.513,97
01.05.2019	21:30:00	11.622,17	11.527,11	15.697,94
01.05.2019	21:45:00	11.293,14	11.186,07	15.334,92
01.05.2019	22:00:00	10.845,64	10.730,44	15.074,69
01.05.2019	22:15:00	10.701,62	10.597,87	14.962,75
01.05.2019	22:30:00	10.395,91	10.287,81	14.532,94
01.05.2019	22:45:00	10.213,22	10.092,08	14.350,04
01.05.2019	23:00:00	10.127,67	10.007,44	14.242,28
01.05.2019	23:15:00	9.509,08	9.428,21	13.692,32
01.05.2019	23:30:00	8.996,29	8.911,75	13.221,03
01.05.2019	23:45:00	8.539,77	8.448,25	12.669,88
02.05.2019	00:00:00	8.184,36	8.047,64	12.206,72
02.05.2019	00:15:00	7.754,55	7.605,25	11.847,54
02.05.2019	00:30:00	7.341,77	7.186,34	11.362,25
02.05.2019	00:45:00	7.082,59	6.927,66	11.120,49
02.05.2019	01:00:00	6.807,78	6.664,56	10.956,71
02.05.2019	01:15:00	6.662,72	6.510,04	10.823,95
02.05.2019	01:30:00	6.597,35	6.439,62	10.717,88
02.05.2019	01:45:00	6.547,48	6.312,16	10.497,84
02.05.2019	02:00:00	6.537,13	6.266,87	10.627,04
02.05.2019	02:15:00	6.568,47	6.297,39	10.505,15
02.05.2019	02:30:00	6.588,89	6.317,69	10.666,57
02.05.2019	02:45:00	6.387,66	6.113,84	10.417,20
02.05.2019	03:00:00	6.323,92	6.050,55	10.325,08
02.05.2019	03:15:00	6.325,28	6.052,41	10.292,00
02.05.2019	03:30:00	6.439,76	6.170,66	10.326,96
02.05.2019	03:45:00	6.481,15	6.207,74	10.349,88
02.05.2019	04:00:00	6.589,78	6.319,49	10.601,95
02.05.2019	04:15:00	6.810,76	6.542,57	10.909,16
02.05.2019	04:30:00	6.974,36	6.756,38	11.111,22
02.05.2019	04:45:00	7.099,42	6.875,56	11.290,71
02.05.2019	05:00:00	7.213,81	6.956,02	11.617,72
02.05.2019	05:15:00	7.735,28	7.502,73	12.805,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.05.2019	05:30:00	7.680,03	7.531,68	13.189,74
02.05.2019	05:45:00	8.039,75	7.944,10	14.108,11
02.05.2019	06:00:00	8.053,43	7.957,38	14.818,94
02.05.2019	06:15:00	8.303,35	8.226,93	16.389,72
02.05.2019	06:30:00	8.546,48	8.432,78	17.540,09
02.05.2019	06:45:00	8.620,54	8.453,07	17.878,92
02.05.2019	07:00:00	8.713,93	8.472,64	18.823,06
02.05.2019	07:15:00	9.135,40	8.818,79	19.573,36
02.05.2019	07:30:00	9.135,78	8.720,23	19.512,78
02.05.2019	07:45:00	9.224,01	8.676,45	19.740,81
02.05.2019	08:00:00	9.287,65	8.572,68	19.919,84
02.05.2019	08:15:00	9.482,33	8.681,11	20.170,80
02.05.2019	08:30:00	9.356,48	8.327,22	19.894,49
02.05.2019	08:45:00	9.347,71	7.959,35	19.751,87
02.05.2019	09:00:00	9.632,76	7.914,85	19.756,67
02.05.2019	09:15:00	9.795,39	7.696,76	19.092,34
02.05.2019	09:30:00	9.749,59	7.296,70	18.752,41
02.05.2019	09:45:00	9.912,99	7.105,12	19.217,11
02.05.2019	10:00:00	10.060,56	6.833,20	19.239,93
02.05.2019	10:15:00	10.053,00	6.549,25	18.867,00
02.05.2019	10:30:00	10.181,28	6.496,23	18.891,86
02.05.2019	10:45:00	10.318,53	6.001,44	18.611,32
02.05.2019	11:00:00	10.630,01	6.220,68	18.964,43
02.05.2019	11:15:00	10.910,98	6.339,69	18.808,48
02.05.2019	11:30:00	10.933,29	6.240,99	18.503,26
02.05.2019	11:45:00	11.267,92	6.880,61	19.259,55
02.05.2019	12:00:00	12.448,27	8.668,53	20.949,84
02.05.2019	12:15:00	11.691,41	9.640,45	21.838,04
02.05.2019	12:30:00	11.180,48	7.853,61	19.448,02
02.05.2019	12:45:00	10.867,84	7.436,18	19.081,34
02.05.2019	13:00:00	10.505,98	7.705,84	19.551,14
02.05.2019	13:15:00	10.770,84	7.899,63	19.934,22
02.05.2019	13:30:00	11.376,85	7.813,54	20.109,82
02.05.2019	13:45:00	11.033,68	7.824,44	20.155,13
02.05.2019	14:00:00	10.826,09	6.888,46	19.139,78
02.05.2019	14:15:00	11.633,83	6.787,62	18.853,11
02.05.2019	14:30:00	11.056,25	5.857,70	17.632,72
02.05.2019	14:45:00	11.203,47	5.786,69	17.485,70
02.05.2019	15:00:00	10.473,83	7.941,19	20.095,24
02.05.2019	15:15:00	10.229,72	8.098,94	19.688,56
02.05.2019	15:30:00	11.322,30	7.989,76	19.357,72
02.05.2019	15:45:00	10.395,95	7.880,10	18.837,57
02.05.2019	16:00:00	10.456,61	8.309,68	19.112,41
02.05.2019	16:15:00	10.098,54	8.785,97	19.258,82
02.05.2019	16:30:00	11.138,59	8.178,49	18.312,85
02.05.2019	16:45:00	11.483,16	7.107,69	16.960,11
02.05.2019	17:00:00	10.566,14	9.224,84	18.941,28
02.05.2019	17:15:00	10.655,73	9.531,77	19.017,78
02.05.2019	17:30:00	10.946,03	10.107,26	19.471,92
02.05.2019	17:45:00	11.392,57	10.719,56	19.867,96
02.05.2019	18:00:00	11.629,67	11.176,38	20.080,22
02.05.2019	18:15:00	11.900,65	11.295,02	19.840,88
02.05.2019	18:30:00	11.880,49	11.298,36	19.528,17
02.05.2019	18:45:00	11.784,47	11.406,03	19.538,78
02.05.2019	19:00:00	11.814,42	11.477,26	19.665,76
02.05.2019	19:15:00	11.960,82	11.658,85	19.848,81
02.05.2019	19:30:00	12.215,96	12.046,20	20.121,46
02.05.2019	19:45:00	12.064,50	11.637,48	19.512,13
02.05.2019	20:00:00	11.883,95	11.578,00	19.484,56
02.05.2019	20:15:00	11.905,46	11.665,16	19.335,14
02.05.2019	20:30:00	11.984,07	11.765,76	19.476,44
02.05.2019	20:45:00	12.201,82	11.991,44	19.600,54
02.05.2019	21:00:00	12.598,08	12.393,19	19.822,24
02.05.2019	21:15:00	12.558,13	12.359,17	19.885,07
02.05.2019	21:30:00	12.773,41	12.568,49	19.853,23
02.05.2019	21:45:00	12.276,64	12.059,78	19.046,88
02.05.2019	22:00:00	11.720,04	11.494,91	18.340,94
02.05.2019	22:15:00	11.487,81	11.276,99	17.896,88
02.05.2019	22:30:00	11.063,54	10.943,70	17.318,73
02.05.2019	22:45:00	10.819,14	10.696,44	16.982,92
02.05.2019	23:00:00	10.625,15	10.513,13	16.513,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.05.2019	23:15:00	10.009,74	9.896,77	15.578,22
02.05.2019	23:30:00	9.370,49	9.247,17	14.972,72
02.05.2019	23:45:00	8.915,74	8.782,40	14.350,39
03.05.2019	00:00:00	8.472,95	8.328,29	13.738,06
03.05.2019	00:15:00	7.925,85	7.776,07	13.098,03
03.05.2019	00:30:00	7.646,90	7.507,24	12.764,77
03.05.2019	00:45:00	7.305,64	7.146,70	12.446,37
03.05.2019	01:00:00	6.919,81	6.761,57	12.076,56
03.05.2019	01:15:00	6.635,50	6.483,92	11.837,22
03.05.2019	01:30:00	6.488,29	6.336,82	11.672,30
03.05.2019	01:45:00	6.432,19	6.281,72	11.809,98
03.05.2019	02:00:00	6.391,84	6.244,95	11.663,42
03.05.2019	02:15:00	6.425,63	6.308,40	11.605,43
03.05.2019	02:30:00	6.387,83	6.259,74	11.573,21
03.05.2019	02:45:00	6.401,80	6.234,22	11.669,96
03.05.2019	03:00:00	6.468,67	6.305,48	11.628,42
03.05.2019	03:15:00	6.291,49	6.136,55	11.341,41
03.05.2019	03:30:00	6.215,25	6.014,33	11.145,10
03.05.2019	03:45:00	6.341,88	6.074,69	11.105,63
03.05.2019	04:00:00	6.490,99	6.243,02	11.380,99
03.05.2019	04:15:00	6.683,47	6.455,32	11.525,09
03.05.2019	04:30:00	6.761,02	6.506,44	11.663,20
03.05.2019	04:45:00	6.900,02	6.676,41	12.052,20
03.05.2019	05:00:00	7.034,69	6.846,24	12.402,30
03.05.2019	05:15:00	7.457,21	7.311,92	13.379,10
03.05.2019	05:30:00	7.451,27	7.315,87	13.709,16
03.05.2019	05:45:00	7.780,33	7.638,54	14.272,30
03.05.2019	06:00:00	8.183,25	8.046,67	15.251,88
03.05.2019	06:15:00	8.297,88	8.184,10	16.554,12
03.05.2019	06:30:00	8.477,22	8.341,93	17.499,57
03.05.2019	06:45:00	8.657,23	8.481,23	18.166,00
03.05.2019	07:00:00	9.142,72	8.892,70	19.352,30
03.05.2019	07:15:00	9.487,27	9.272,55	20.244,48
03.05.2019	07:30:00	9.727,97	9.578,28	20.873,30
03.05.2019	07:45:00	10.042,19	9.815,11	21.447,14
03.05.2019	08:00:00	10.517,93	10.230,12	22.299,06
03.05.2019	08:15:00	10.881,87	10.625,83	22.766,41
03.05.2019	08:30:00	11.002,41	10.783,47	23.249,64
03.05.2019	08:45:00	11.428,11	11.379,99	24.042,66
03.05.2019	09:00:00	11.514,86	11.324,73	23.972,23
03.05.2019	09:15:00	11.881,56	11.451,70	23.396,60
03.05.2019	09:30:00	11.910,63	11.584,94	23.527,24
03.05.2019	09:45:00	12.061,74	11.696,71	23.942,61
03.05.2019	10:00:00	12.217,92	11.824,30	24.454,76
03.05.2019	10:15:00	12.268,79	11.691,58	24.155,78
03.05.2019	10:30:00	12.458,87	11.727,43	24.258,58
03.05.2019	10:45:00	12.359,07	11.544,10	24.190,54
03.05.2019	11:00:00	12.202,04	11.090,31	23.456,07
03.05.2019	11:15:00	12.132,73	10.488,23	22.804,29
03.05.2019	11:30:00	12.432,95	10.456,85	22.796,22
03.05.2019	11:45:00	12.750,40	10.659,35	22.930,20
03.05.2019	12:00:00	12.637,47	10.470,54	22.477,08
03.05.2019	12:15:00	12.953,31	11.312,63	23.231,42
03.05.2019	12:30:00	13.114,24	10.711,48	22.367,93
03.05.2019	12:45:00	12.669,63	10.354,29	22.249,77
03.05.2019	13:00:00	12.610,32	10.877,68	22.551,45
03.05.2019	13:15:00	12.454,75	10.181,63	21.695,17
03.05.2019	13:30:00	12.240,00	9.681,91	20.959,04
03.05.2019	13:45:00	12.235,39	8.877,53	20.015,52
03.05.2019	14:00:00	11.942,88	7.346,74	18.440,60
03.05.2019	14:15:00	10.747,93	6.198,60	16.899,59
03.05.2019	14:30:00	11.510,27	5.888,73	16.608,59
03.05.2019	14:45:00	11.097,66	8.694,29	19.565,25
03.05.2019	15:00:00	12.474,45	8.199,48	18.843,94
03.05.2019	15:15:00	11.950,93	8.754,82	19.461,04
03.05.2019	15:30:00	11.314,20	9.936,58	20.477,16
03.05.2019	15:45:00	11.165,92	10.015,84	20.087,00
03.05.2019	16:00:00	11.100,30	9.622,99	19.454,88
03.05.2019	16:15:00	11.141,49	9.697,64	19.385,30
03.05.2019	16:30:00	11.239,19	10.366,29	19.976,77
03.05.2019	16:45:00	11.322,72	10.455,83	19.617,38

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.05.2019	17:00:00	11.482,60	10.792,57	19.752,29
03.05.2019	17:15:00	11.719,46	11.252,40	20.130,93
03.05.2019	17:30:00	12.029,02	11.449,63	20.162,36
03.05.2019	17:45:00	12.211,01	11.689,30	20.374,99
03.05.2019	18:00:00	12.354,55	12.169,00	20.840,88
03.05.2019	18:15:00	12.469,02	12.356,33	20.886,26
03.05.2019	18:30:00	12.687,12	12.523,98	20.645,02
03.05.2019	18:45:00	12.401,72	12.147,34	19.907,54
03.05.2019	19:00:00	12.373,11	12.096,55	19.835,28
03.05.2019	19:15:00	12.568,95	12.123,44	19.801,22
03.05.2019	19:30:00	12.523,16	12.100,59	19.557,04
03.05.2019	19:45:00	12.294,88	11.917,31	19.192,36
03.05.2019	20:00:00	12.180,33	11.840,69	18.761,86
03.05.2019	20:15:00	11.957,36	11.509,29	18.220,75
03.05.2019	20:30:00	11.834,92	11.434,52	17.963,80
03.05.2019	20:45:00	11.856,02	11.483,86	17.916,64
03.05.2019	21:00:00	11.809,05	11.447,10	17.940,03
03.05.2019	21:15:00	12.400,69	12.018,56	18.477,78
03.05.2019	21:30:00	13.261,90	12.898,84	19.150,42
03.05.2019	21:45:00	12.815,62	12.419,86	18.492,71
03.05.2019	22:00:00	12.660,16	12.273,72	18.398,94
03.05.2019	22:15:00	12.509,48	12.112,56	17.959,72
03.05.2019	22:30:00	12.258,99	11.898,41	17.530,92
03.05.2019	22:45:00	12.260,40	11.943,14	17.483,86
03.05.2019	23:00:00	12.128,86	11.856,55	17.354,28
03.05.2019	23:15:00	11.485,41	11.182,62	16.568,48
03.05.2019	23:30:00	10.878,16	10.799,01	16.146,76
03.05.2019	23:45:00	10.339,81	10.244,17	15.440,86
04.05.2019	00:00:00	9.756,10	9.659,60	14.731,81
04.05.2019	00:15:00	9.250,11	9.131,01	14.117,70
04.05.2019	00:30:00	8.719,48	8.611,37	13.643,88
04.05.2019	00:45:00	8.338,59	8.220,48	13.117,44
04.05.2019	01:00:00	7.969,97	7.842,42	12.691,12
04.05.2019	01:15:00	7.675,80	7.585,49	12.540,71
04.05.2019	01:30:00	7.578,14	7.431,76	12.424,21
04.05.2019	01:45:00	7.293,35	7.136,74	12.096,30
04.05.2019	02:00:00	7.127,66	6.979,79	11.966,82
04.05.2019	02:15:00	7.036,23	6.914,42	11.701,50
04.05.2019	02:30:00	7.038,75	6.902,89	11.541,36
04.05.2019	02:45:00	7.012,76	6.882,22	11.427,99
04.05.2019	03:00:00	7.083,32	6.956,13	11.342,23
04.05.2019	03:15:00	6.938,92	6.786,76	11.233,23
04.05.2019	03:30:00	7.007,97	6.891,67	11.325,78
04.05.2019	03:45:00	7.128,33	6.976,90	11.343,97
04.05.2019	04:00:00	7.211,44	7.113,61	11.453,73
04.05.2019	04:15:00	7.532,93	7.392,77	11.634,54
04.05.2019	04:30:00	7.572,51	7.443,56	11.653,68
04.05.2019	04:45:00	7.547,77	7.438,25	11.615,88
04.05.2019	05:00:00	7.625,43	7.489,16	11.693,53
04.05.2019	05:15:00	7.833,55	7.763,24	12.328,31
04.05.2019	05:30:00	7.596,24	7.501,04	12.292,29
04.05.2019	05:45:00	7.854,59	7.766,49	12.564,33
04.05.2019	06:00:00	7.643,38	7.497,20	12.160,29
04.05.2019	06:15:00	7.516,76	7.305,92	12.344,62
04.05.2019	06:30:00	7.551,02	7.296,30	12.344,65
04.05.2019	06:45:00	7.454,77	7.007,37	11.994,75
04.05.2019	07:00:00	7.399,28	6.741,86	11.914,27
04.05.2019	07:15:00	7.492,10	6.648,93	11.778,10
04.05.2019	07:30:00	7.604,18	6.631,47	11.715,64
04.05.2019	07:45:00	8.058,54	6.885,19	12.222,42
04.05.2019	08:00:00	8.527,20	7.457,62	12.988,62
04.05.2019	08:15:00	9.177,73	7.861,09	13.489,98
04.05.2019	08:30:00	9.489,38	8.280,19	13.984,37
04.05.2019	08:45:00	9.871,96	8.729,48	14.500,04
04.05.2019	09:00:00	10.284,78	9.088,09	14.888,87
04.05.2019	09:15:00	10.812,24	9.707,28	15.576,83
04.05.2019	09:30:00	11.081,75	10.320,72	16.268,94
04.05.2019	09:45:00	11.384,83	10.464,28	16.301,91
04.05.2019	10:00:00	11.857,75	10.849,33	16.411,93
04.05.2019	10:15:00	12.047,67	10.898,31	16.571,19
04.05.2019	10:30:00	12.367,52	11.240,05	16.855,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.05.2019	10:45:00	12.565,73	11.589,94	17.301,48
04.05.2019	11:00:00	12.758,79	11.973,31	17.603,85
04.05.2019	11:15:00	13.008,75	11.920,80	17.418,11
04.05.2019	11:30:00	13.254,02	12.028,63	17.611,32
04.05.2019	11:45:00	13.574,96	12.949,41	18.632,76
04.05.2019	12:00:00	13.847,48	12.683,82	18.256,46
04.05.2019	12:15:00	13.750,97	12.924,34	18.484,67
04.05.2019	12:30:00	14.169,73	13.427,67	18.887,64
04.05.2019	12:45:00	14.183,15	13.443,44	18.693,00
04.05.2019	13:00:00	13.902,79	13.138,20	18.430,53
04.05.2019	13:15:00	13.580,89	12.765,19	18.111,58
04.05.2019	13:30:00	14.042,37	13.111,25	18.320,92
04.05.2019	13:45:00	14.221,97	13.162,49	18.433,40
04.05.2019	14:00:00	14.240,56	13.273,28	18.500,93
04.05.2019	14:15:00	13.728,96	12.431,93	17.672,08
04.05.2019	14:30:00	13.341,89	12.093,14	17.369,78
04.05.2019	14:45:00	13.046,14	11.989,80	17.270,76
04.05.2019	15:00:00	12.923,83	11.469,73	16.589,21
04.05.2019	15:15:00	12.403,35	10.613,70	15.796,93
04.05.2019	15:30:00	12.103,06	10.088,93	15.274,00
04.05.2019	15:45:00	12.088,23	10.083,97	15.101,70
04.05.2019	16:00:00	12.168,14	10.399,51	15.563,57
04.05.2019	16:15:00	11.745,91	10.403,61	15.546,81
04.05.2019	16:30:00	11.980,85	10.265,22	15.296,35
04.05.2019	16:45:00	12.032,09	10.216,80	15.350,36
04.05.2019	17:00:00	11.777,52	10.483,73	15.584,00
04.05.2019	17:15:00	11.945,94	10.557,81	15.610,85
04.05.2019	17:30:00	12.012,41	10.851,98	15.909,40
04.05.2019	17:45:00	12.126,31	11.306,47	16.305,89
04.05.2019	18:00:00	12.255,12	11.217,18	16.085,36
04.05.2019	18:15:00	12.406,77	11.236,49	16.112,95
04.05.2019	18:30:00	12.385,31	11.607,43	16.602,36
04.05.2019	18:45:00	12.440,88	11.935,78	16.858,51
04.05.2019	19:00:00	12.450,11	11.824,96	16.732,80
04.05.2019	19:15:00	12.568,78	12.110,18	16.923,29
04.05.2019	19:30:00	12.533,97	12.012,45	16.676,72
04.05.2019	19:45:00	12.505,80	11.998,04	16.639,17
04.05.2019	20:00:00	12.344,32	11.908,87	16.561,04
04.05.2019	20:15:00	12.276,09	11.916,43	16.455,20
04.05.2019	20:30:00	12.235,90	11.945,68	16.406,97
04.05.2019	20:45:00	12.267,92	11.968,72	16.418,30
04.05.2019	21:00:00	12.214,33	11.904,93	16.315,89
04.05.2019	21:15:00	12.689,59	12.419,89	16.809,43
04.05.2019	21:30:00	13.286,10	12.928,33	17.350,16
04.05.2019	21:45:00	13.011,07	12.595,03	16.944,68
04.05.2019	22:00:00	12.691,86	12.285,64	16.648,41
04.05.2019	22:15:00	12.522,72	12.148,64	16.428,50
04.05.2019	22:30:00	12.553,09	12.158,60	16.350,64
04.05.2019	22:45:00	12.457,47	12.031,25	16.139,29
04.05.2019	23:00:00	12.391,31	11.970,45	15.986,52
04.05.2019	23:15:00	11.754,19	11.344,68	15.163,23
04.05.2019	23:30:00	11.361,80	10.957,45	14.812,38
04.05.2019	23:45:00	10.894,99	10.452,97	14.344,06
05.05.2019	00:00:00	10.424,50	10.025,42	13.889,16
05.05.2019	00:15:00	9.926,74	9.525,13	13.395,04
05.05.2019	00:30:00	9.545,60	9.201,06	13.074,10
05.05.2019	00:45:00	9.301,05	8.953,05	12.724,72
05.05.2019	01:00:00	9.112,30	8.801,86	12.593,77
05.05.2019	01:15:00	8.806,69	8.505,26	12.319,84
05.05.2019	01:30:00	8.643,61	8.314,23	12.125,62
05.05.2019	01:45:00	8.371,48	8.200,10	12.079,76
05.05.2019	02:00:00	8.280,02	8.180,58	12.020,01
05.05.2019	02:15:00	8.229,59	8.132,49	11.906,37
05.05.2019	02:30:00	8.070,98	7.945,51	11.770,79
05.05.2019	02:45:00	7.959,71	7.809,83	11.712,94
05.05.2019	03:00:00	7.974,08	7.831,82	11.643,80
05.05.2019	03:15:00	8.004,81	7.901,57	11.686,78
05.05.2019	03:30:00	8.002,19	7.882,69	11.669,75
05.05.2019	03:45:00	8.022,49	7.874,33	11.652,25
05.05.2019	04:00:00	7.998,57	7.855,71	11.694,18
05.05.2019	04:15:00	8.297,21	8.187,48	11.965,34

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.05.2019	04:30:00	8.259,36	8.149,81	11.878,78
05.05.2019	04:45:00	8.033,87	7.887,93	11.672,91
05.05.2019	05:00:00	8.090,85	7.984,61	11.886,76
05.05.2019	05:15:00	8.129,79	7.937,50	11.904,61
05.05.2019	05:30:00	7.842,68	7.636,81	11.642,32
05.05.2019	05:45:00	7.899,39	7.643,42	11.582,42
05.05.2019	06:00:00	7.830,66	7.634,77	11.621,13
05.05.2019	06:15:00	7.273,76	7.144,37	11.186,84
05.05.2019	06:30:00	7.278,38	6.950,91	11.026,21
05.05.2019	06:45:00	7.129,68	6.757,78	10.709,70
05.05.2019	07:00:00	7.071,60	6.622,66	10.685,33
05.05.2019	07:15:00	7.562,64	6.973,80	11.020,30
05.05.2019	07:30:00	7.814,34	7.244,22	11.242,76
05.05.2019	07:45:00	7.993,98	7.338,63	11.530,73
05.05.2019	08:00:00	8.435,86	7.776,93	11.935,37
05.05.2019	08:15:00	8.674,98	7.845,95	11.798,16
05.05.2019	08:30:00	8.892,05	8.244,72	12.194,58
05.05.2019	08:45:00	9.363,52	8.558,75	12.558,81
05.05.2019	09:00:00	9.640,34	8.766,88	12.617,84
05.05.2019	09:15:00	10.172,19	9.440,40	13.406,03
05.05.2019	09:30:00	10.464,48	9.638,75	13.642,32
05.05.2019	09:45:00	10.842,39	9.791,47	13.697,75
05.05.2019	10:00:00	10.941,50	9.474,19	13.419,69
05.05.2019	10:15:00	10.915,36	8.237,69	12.221,92
05.05.2019	10:30:00	11.181,45	8.257,69	12.177,31
05.05.2019	10:45:00	11.572,55	8.823,79	12.866,88
05.05.2019	11:00:00	11.495,52	9.337,26	13.376,91
05.05.2019	11:15:00	12.397,46	8.496,91	12.380,56
05.05.2019	11:30:00	11.908,44	9.529,21	13.521,83
05.05.2019	11:45:00	12.872,10	10.256,50	14.215,10
05.05.2019	12:00:00	12.889,02	8.326,18	12.223,16
05.05.2019	12:15:00	12.811,01	10.074,37	14.107,78
05.05.2019	12:30:00	13.461,04	11.498,59	15.652,80
05.05.2019	12:45:00	12.939,44	11.383,85	15.460,38
05.05.2019	13:00:00	12.840,37	10.297,40	14.505,00
05.05.2019	13:15:00	12.788,33	9.470,69	13.548,48
05.05.2019	13:30:00	12.780,56	10.294,53	14.296,69
05.05.2019	13:45:00	12.056,89	8.807,32	12.771,90
05.05.2019	14:00:00	12.772,09	6.873,71	10.842,62
05.05.2019	14:15:00	12.604,96	8.331,76	12.269,55
05.05.2019	14:30:00	11.202,23	8.928,71	12.894,18
05.05.2019	14:45:00	11.527,94	9.242,96	13.233,74
05.05.2019	15:00:00	10.782,23	8.614,37	12.583,38
05.05.2019	15:15:00	10.700,61	7.719,81	11.694,29
05.05.2019	15:30:00	11.837,07	6.974,56	10.948,73
05.05.2019	15:45:00	10.530,38	7.653,37	11.627,63
05.05.2019	16:00:00	10.313,38	7.077,17	11.053,10
05.05.2019	16:15:00	10.526,26	6.187,05	10.139,59
05.05.2019	16:30:00	10.444,17	7.369,73	11.141,61
05.05.2019	16:45:00	10.215,17	7.672,67	11.484,16
05.05.2019	17:00:00	11.406,53	8.731,79	12.677,33
05.05.2019	17:15:00	10.836,21	9.346,43	13.195,63
05.05.2019	17:30:00	10.977,28	8.810,12	12.693,05
05.05.2019	17:45:00	11.310,88	8.467,03	12.449,88
05.05.2019	18:00:00	12.129,81	8.699,22	12.693,55
05.05.2019	18:15:00	12.338,64	10.118,36	14.382,63
05.05.2019	18:30:00	11.612,37	10.996,63	15.256,54
05.05.2019	18:45:00	11.488,59	10.961,53	15.140,64
05.05.2019	19:00:00	11.547,77	10.848,27	15.058,43
05.05.2019	19:15:00	11.914,24	11.147,74	15.291,00
05.05.2019	19:30:00	11.968,14	10.965,01	15.002,80
05.05.2019	19:45:00	11.991,97	10.599,13	14.736,69
05.05.2019	20:00:00	11.652,31	10.870,85	14.944,54
05.05.2019	20:15:00	11.663,67	10.944,87	14.987,41
05.05.2019	20:30:00	11.677,39	11.109,29	15.250,61
05.05.2019	20:45:00	11.635,92	11.228,22	15.328,88
05.05.2019	21:00:00	11.872,71	11.494,80	15.575,56
05.05.2019	21:15:00	12.244,54	11.872,01	15.942,60
05.05.2019	21:30:00	13.279,61	12.864,89	17.000,85
05.05.2019	21:45:00	13.060,37	12.639,20	16.697,09
05.05.2019	22:00:00	12.813,74	12.393,18	16.631,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.05.2019	22:15:00	12.713,43	12.290,55	16.725,10
05.05.2019	22:30:00	12.371,64	11.944,57	16.459,55
05.05.2019	22:45:00	12.380,27	11.952,93	16.626,22
05.05.2019	23:00:00	12.037,28	11.606,89	16.350,47
05.05.2019	23:15:00	11.511,25	11.075,63	15.646,07
05.05.2019	23:30:00	10.912,94	10.470,69	15.025,94
05.05.2019	23:45:00	10.271,24	9.823,47	14.488,88
06.05.2019	00:00:00	9.793,25	9.385,40	13.852,74
06.05.2019	00:15:00	9.386,63	9.202,32	13.677,67
06.05.2019	00:30:00	8.949,77	8.810,28	13.267,52
06.05.2019	00:45:00	8.809,36	8.667,87	13.024,30
06.05.2019	01:00:00	8.582,36	8.437,82	12.869,86
06.05.2019	01:15:00	8.486,24	8.339,69	12.962,24
06.05.2019	01:30:00	8.445,05	8.297,23	12.813,16
06.05.2019	01:45:00	8.310,36	8.162,99	12.746,82
06.05.2019	02:00:00	8.170,75	8.023,25	12.608,63
06.05.2019	02:15:00	8.135,76	7.986,28	12.543,18
06.05.2019	02:30:00	8.188,11	8.036,88	12.485,30
06.05.2019	02:45:00	8.216,19	8.066,34	12.454,82
06.05.2019	03:00:00	8.343,50	8.195,13	12.518,51
06.05.2019	03:15:00	8.360,43	7.967,32	12.481,37
06.05.2019	03:30:00	8.517,53	8.052,07	12.580,56
06.05.2019	03:45:00	8.580,77	8.116,92	12.615,61
06.05.2019	04:00:00	8.572,03	8.109,50	12.606,29
06.05.2019	04:15:00	8.726,99	8.261,98	12.718,61
06.05.2019	04:30:00	8.817,42	8.353,54	12.865,49
06.05.2019	04:45:00	8.801,67	8.338,67	12.912,86
06.05.2019	05:00:00	8.907,17	8.448,39	13.284,36
06.05.2019	05:15:00	9.140,93	8.703,54	14.030,29
06.05.2019	05:30:00	9.047,73	8.640,44	14.543,76
06.05.2019	05:45:00	9.608,58	9.206,92	15.603,32
06.05.2019	06:00:00	9.576,51	9.174,73	16.253,04
06.05.2019	06:15:00	9.677,51	9.292,40	17.839,57
06.05.2019	06:30:00	9.713,21	9.328,03	18.967,38
06.05.2019	06:45:00	9.754,30	9.342,72	19.541,62
06.05.2019	07:00:00	9.924,15	9.474,11	20.155,26
06.05.2019	07:15:00	10.535,66	10.021,14	21.131,68
06.05.2019	07:30:00	10.755,60	10.282,70	21.724,50
06.05.2019	07:45:00	11.167,73	10.599,75	22.536,92
06.05.2019	08:00:00	11.223,39	10.567,91	22.622,13
06.05.2019	08:15:00	11.496,75	10.781,32	23.098,79
06.05.2019	08:30:00	11.609,57	10.610,81	23.292,12
06.05.2019	08:45:00	11.711,96	10.461,15	23.384,30
06.05.2019	09:00:00	11.636,50	10.104,53	23.077,17
06.05.2019	09:15:00	11.678,50	9.883,94	22.096,91
06.05.2019	09:30:00	11.224,59	9.344,22	21.431,15
06.05.2019	09:45:00	11.233,96	8.846,44	21.609,90
06.05.2019	10:00:00	11.569,85	8.540,61	21.386,80
06.05.2019	10:15:00	12.472,13	8.507,47	21.294,07
06.05.2019	10:30:00	11.624,36	9.109,26	21.968,87
06.05.2019	10:45:00	11.957,89	9.287,64	22.349,32
06.05.2019	11:00:00	12.755,73	10.029,77	23.357,82
06.05.2019	11:15:00	12.857,51	10.950,75	24.385,28
06.05.2019	11:30:00	12.539,47	11.125,72	24.460,07
06.05.2019	11:45:00	13.043,86	10.859,25	23.871,96
06.05.2019	12:00:00	13.591,13	10.569,61	23.275,21
06.05.2019	12:15:00	14.659,27	10.943,64	23.196,54
06.05.2019	12:30:00	14.297,46	12.217,22	24.314,07
06.05.2019	12:45:00	13.683,04	11.927,38	24.103,28
06.05.2019	13:00:00	13.214,44	10.678,84	22.834,14
06.05.2019	13:15:00	12.768,00	9.583,05	21.617,26
06.05.2019	13:30:00	12.055,36	6.821,50	18.806,34
06.05.2019	13:45:00	11.743,59	4.957,11	16.795,86
06.05.2019	14:00:00	11.580,77	4.852,19	16.858,58
06.05.2019	14:15:00	11.795,27	6.827,51	18.839,09
06.05.2019	14:30:00	11.914,10	9.142,06	21.157,18
06.05.2019	14:45:00	12.173,07	10.227,27	22.122,38
06.05.2019	15:00:00	12.085,32	10.169,26	21.916,92
06.05.2019	15:15:00	12.267,32	9.383,69	21.077,20
06.05.2019	15:30:00	12.228,91	8.691,13	20.071,06
06.05.2019	15:45:00	11.936,94	8.983,94	19.855,02

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.05.2019	16:00:00	11.539,02	9.520,63	20.184,15
06.05.2019	16:15:00	11.536,51	9.632,65	19.954,42
06.05.2019	16:30:00	11.538,71	9.651,16	19.751,88
06.05.2019	16:45:00	11.843,34	10.066,09	20.025,18
06.05.2019	17:00:00	11.922,55	9.818,71	19.502,81
06.05.2019	17:15:00	11.494,06	9.247,88	18.345,36
06.05.2019	17:30:00	11.189,74	8.981,35	17.757,52
06.05.2019	17:45:00	12.823,62	9.460,04	18.136,83
06.05.2019	18:00:00	12.217,50	10.953,74	19.489,43
06.05.2019	18:15:00	12.644,76	11.949,05	20.300,17
06.05.2019	18:30:00	12.912,74	12.419,18	20.787,46
06.05.2019	18:45:00	12.902,12	12.371,71	20.549,56
06.05.2019	19:00:00	12.835,78	12.228,47	20.344,84
06.05.2019	19:15:00	13.200,51	12.540,69	20.754,88
06.05.2019	19:30:00	13.128,74	12.464,37	20.868,06
06.05.2019	19:45:00	13.078,19	12.495,90	20.773,56
06.05.2019	20:00:00	13.141,50	12.650,02	20.811,53
06.05.2019	20:15:00	13.187,98	12.806,15	20.678,81
06.05.2019	20:30:00	13.108,75	12.853,64	20.798,63
06.05.2019	20:45:00	13.043,32	12.781,16	20.659,29
06.05.2019	21:00:00	13.245,96	12.957,14	20.836,72
06.05.2019	21:15:00	13.310,60	13.061,06	20.794,59
06.05.2019	21:30:00	13.939,70	13.676,50	21.225,90
06.05.2019	21:45:00	13.324,62	13.023,71	20.322,40
06.05.2019	22:00:00	12.756,11	12.502,44	19.638,66
06.05.2019	22:15:00	12.478,84	12.203,12	18.974,83
06.05.2019	22:30:00	12.231,04	11.920,59	18.443,83
06.05.2019	22:45:00	12.288,48	11.977,17	18.157,57
06.05.2019	23:00:00	12.187,75	11.871,00	17.883,20
06.05.2019	23:15:00	11.397,60	11.074,96	16.819,50
06.05.2019	23:30:00	10.733,41	10.347,99	15.847,98
06.05.2019	23:45:00	10.183,36	9.734,64	15.266,27
07.05.2019	00:00:00	9.809,31	9.360,24	14.868,20
07.05.2019	00:15:00	9.220,08	8.760,99	14.309,87
07.05.2019	00:30:00	8.724,90	8.261,15	13.833,96
07.05.2019	00:45:00	8.364,01	7.896,68	13.466,71
07.05.2019	01:00:00	8.212,15	7.742,44	13.209,87
07.05.2019	01:15:00	7.955,84	7.665,02	13.252,00
07.05.2019	01:30:00	7.916,24	7.650,13	13.036,99
07.05.2019	01:45:00	7.805,09	7.539,22	12.831,31
07.05.2019	02:00:00	7.698,74	7.433,02	12.825,47
07.05.2019	02:15:00	7.633,79	7.367,67	12.626,24
07.05.2019	02:30:00	7.616,70	7.390,47	12.658,56
07.05.2019	02:45:00	7.626,53	7.389,44	12.623,41
07.05.2019	03:00:00	7.746,32	7.481,87	12.765,04
07.05.2019	03:15:00	7.733,08	7.467,91	12.730,79
07.05.2019	03:30:00	7.922,33	7.673,67	13.048,03
07.05.2019	03:45:00	8.101,32	7.842,04	13.069,58
07.05.2019	04:00:00	8.111,40	7.850,52	12.996,91
07.05.2019	04:15:00	8.253,26	7.997,12	13.194,46
07.05.2019	04:30:00	8.294,54	7.942,26	13.210,53
07.05.2019	04:45:00	8.535,11	8.182,67	13.573,44
07.05.2019	05:00:00	8.895,91	8.553,13	14.228,81
07.05.2019	05:15:00	9.264,95	8.943,47	15.080,52
07.05.2019	05:30:00	9.403,84	9.104,26	15.642,82
07.05.2019	05:45:00	9.387,30	9.103,78	16.134,76
07.05.2019	06:00:00	9.688,62	9.397,37	16.759,67
07.05.2019	06:15:00	9.709,82	9.383,04	18.125,45
07.05.2019	06:30:00	9.814,10	9.348,68	18.863,24
07.05.2019	06:45:00	9.597,75	8.934,81	18.946,91
07.05.2019	07:00:00	9.720,57	8.958,73	19.630,32
07.05.2019	07:15:00	10.036,71	9.234,99	20.241,36
07.05.2019	07:30:00	10.384,26	9.457,10	20.857,84
07.05.2019	07:45:00	10.586,10	9.582,09	21.320,75
07.05.2019	08:00:00	10.679,31	9.338,19	21.367,61
07.05.2019	08:15:00	10.672,52	9.149,68	21.424,50
07.05.2019	08:30:00	10.722,49	8.839,00	21.197,19
07.05.2019	08:45:00	11.040,91	9.276,35	21.725,22
07.05.2019	09:00:00	11.237,18	9.290,02	21.548,95
07.05.2019	09:15:00	11.354,67	9.357,93	21.018,84
07.05.2019	09:30:00	11.456,25	9.611,45	21.518,46

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.05.2019	09:45:00	11.291,23	9.054,87	21.411,68
07.05.2019	10:00:00	10.978,19	8.089,01	20.460,60
07.05.2019	10:15:00	11.057,89	7.876,17	20.379,89
07.05.2019	10:30:00	11.007,68	7.252,71	19.616,00
07.05.2019	10:45:00	10.945,11	6.469,64	19.049,28
07.05.2019	11:00:00	10.988,72	6.250,73	18.906,18
07.05.2019	11:15:00	10.966,34	5.825,45	18.329,54
07.05.2019	11:30:00	11.173,00	5.455,21	17.821,39
07.05.2019	11:45:00	11.652,11	6.301,59	18.711,56
07.05.2019	12:00:00	11.768,96	5.686,60	17.812,21
07.05.2019	12:15:00	11.158,64	7.056,14	18.789,01
07.05.2019	12:30:00	12.612,35	7.138,82	18.625,29
07.05.2019	12:45:00	12.496,45	6.475,94	17.867,59
07.05.2019	13:00:00	11.696,78	5.284,92	16.695,73
07.05.2019	13:15:00	11.673,05	5.369,17	16.813,50
07.05.2019	13:30:00	11.683,26	5.219,28	16.953,22
07.05.2019	13:45:00	11.745,20	5.517,98	17.222,30
07.05.2019	14:00:00	10.664,81	5.595,06	17.225,92
07.05.2019	14:15:00	11.218,96	5.187,35	16.647,10
07.05.2019	14:30:00	11.267,66	5.478,40	16.967,02
07.05.2019	14:45:00	11.436,11	5.475,91	16.979,12
07.05.2019	15:00:00	11.457,49	5.573,47	16.924,44
07.05.2019	15:15:00	11.366,02	5.446,50	16.769,05
07.05.2019	15:30:00	10.886,92	5.565,41	16.512,62
07.05.2019	15:45:00	11.194,27	5.292,18	16.060,67
07.05.2019	16:00:00	10.990,47	5.141,30	15.783,71
07.05.2019	16:15:00	11.139,29	5.328,05	15.485,41
07.05.2019	16:30:00	11.586,67	5.870,07	15.668,76
07.05.2019	16:45:00	11.068,50	6.258,51	15.767,80
07.05.2019	17:00:00	11.080,66	6.891,83	16.227,49
07.05.2019	17:15:00	11.950,68	7.145,19	16.461,61
07.05.2019	17:30:00	11.572,09	7.834,45	17.002,96
07.05.2019	17:45:00	11.458,38	8.044,47	17.113,22
07.05.2019	18:00:00	12.295,14	8.558,75	17.452,66
07.05.2019	18:15:00	11.598,61	9.425,95	18.082,28
07.05.2019	18:30:00	11.942,74	9.805,41	18.246,84
07.05.2019	18:45:00	11.761,57	10.094,37	18.305,78
07.05.2019	19:00:00	11.492,88	10.413,32	18.694,53
07.05.2019	19:15:00	11.904,54	10.759,24	19.080,70
07.05.2019	19:30:00	12.095,65	10.841,48	19.183,08
07.05.2019	19:45:00	11.939,30	11.206,21	19.362,59
07.05.2019	20:00:00	12.193,38	11.681,56	19.915,48
07.05.2019	20:15:00	12.207,54	11.749,49	19.831,64
07.05.2019	20:30:00	12.417,96	12.070,46	19.943,00
07.05.2019	20:45:00	12.572,20	12.305,03	20.258,33
07.05.2019	21:00:00	12.327,80	12.091,21	20.099,91
07.05.2019	21:15:00	12.589,75	12.350,15	20.118,29
07.05.2019	21:30:00	13.365,95	13.096,63	20.862,90
07.05.2019	21:45:00	12.916,86	12.572,52	20.164,28
07.05.2019	22:00:00	12.437,25	12.080,94	19.250,22
07.05.2019	22:15:00	12.238,29	11.885,17	18.779,47
07.05.2019	22:30:00	11.837,38	11.449,78	18.072,80
07.05.2019	22:45:00	11.684,31	11.272,38	17.167,66
07.05.2019	23:00:00	11.328,42	10.940,83	16.950,78
07.05.2019	23:15:00	10.700,12	10.365,36	16.167,92
07.05.2019	23:30:00	10.078,75	9.859,93	15.539,41
07.05.2019	23:45:00	9.498,08	9.293,57	14.928,19
08.05.2019	00:00:00	8.960,03	8.706,27	14.254,50
08.05.2019	00:15:00	8.301,92	8.077,67	13.560,83
08.05.2019	00:30:00	7.921,09	7.689,71	13.181,83
08.05.2019	00:45:00	7.476,71	7.208,06	12.612,48
08.05.2019	01:00:00	7.215,29	6.992,23	12.454,50
08.05.2019	01:15:00	7.045,50	6.824,37	12.348,85
08.05.2019	01:30:00	7.001,54	6.858,37	12.487,53
08.05.2019	01:45:00	6.982,32	6.871,08	12.386,42
08.05.2019	02:00:00	7.031,39	6.909,54	12.452,81
08.05.2019	02:15:00	6.939,77	6.782,81	12.383,69
08.05.2019	02:30:00	6.806,35	6.642,31	12.124,33
08.05.2019	02:45:00	6.659,29	6.494,94	11.922,65
08.05.2019	03:00:00	6.826,21	6.664,15	12.142,02
08.05.2019	03:15:00	6.761,69	6.600,59	11.906,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.05.2019	03:30:00	6.867,50	6.705,92	12.103,79
08.05.2019	03:45:00	6.943,73	6.783,26	12.143,60
08.05.2019	04:00:00	7.118,97	6.959,19	12.205,46
08.05.2019	04:15:00	7.420,18	7.258,10	12.605,40
08.05.2019	04:30:00	7.508,47	7.242,50	12.515,02
08.05.2019	04:45:00	7.578,24	7.311,93	12.708,50
08.05.2019	05:00:00	7.662,33	7.404,51	13.076,68
08.05.2019	05:15:00	8.126,61	7.811,93	13.787,92
08.05.2019	05:30:00	8.147,83	7.735,23	14.046,83
08.05.2019	05:45:00	8.695,85	8.291,03	14.938,64
08.05.2019	06:00:00	8.891,94	8.476,96	15.712,20
08.05.2019	06:15:00	8.931,39	8.529,00	16.932,65
08.05.2019	06:30:00	9.382,93	8.980,02	18.413,84
08.05.2019	06:45:00	9.292,35	8.828,13	18.886,34
08.05.2019	07:00:00	9.567,42	9.094,85	19.751,67
08.05.2019	07:15:00	9.937,78	9.423,79	20.587,25
08.05.2019	07:30:00	10.268,20	9.572,98	20.995,16
08.05.2019	07:45:00	10.556,61	9.848,54	21.454,50
08.05.2019	08:00:00	10.867,22	10.163,81	22.220,37
08.05.2019	08:15:00	11.162,40	10.151,01	22.500,98
08.05.2019	08:30:00	11.152,17	9.770,61	22.177,68
08.05.2019	08:45:00	11.069,53	9.497,85	22.121,68
08.05.2019	09:00:00	11.349,97	9.864,39	22.633,02
08.05.2019	09:15:00	11.484,19	10.133,48	22.072,44
08.05.2019	09:30:00	11.659,66	10.614,02	23.019,34
08.05.2019	09:45:00	12.019,26	10.976,98	23.733,25
08.05.2019	10:00:00	12.224,47	11.059,27	23.930,70
08.05.2019	10:15:00	12.185,12	10.686,15	23.609,71
08.05.2019	10:30:00	12.238,89	10.758,10	23.491,41
08.05.2019	10:45:00	12.131,36	10.330,95	23.271,23
08.05.2019	11:00:00	12.246,61	10.311,59	23.460,75
08.05.2019	11:15:00	12.388,73	10.738,92	23.898,15
08.05.2019	11:30:00	12.856,90	11.483,53	24.773,79
08.05.2019	11:45:00	13.019,84	11.243,59	24.540,91
08.05.2019	12:00:00	12.820,51	10.980,24	24.020,70
08.05.2019	12:15:00	13.142,13	11.265,78	23.870,59
08.05.2019	12:30:00	13.279,77	11.840,03	24.234,64
08.05.2019	12:45:00	13.114,51	11.076,51	23.362,42
08.05.2019	13:00:00	12.742,50	10.895,80	23.074,04
08.05.2019	13:15:00	12.620,68	10.961,53	23.382,37
08.05.2019	13:30:00	12.570,69	10.564,00	23.136,63
08.05.2019	13:45:00	12.397,28	10.016,86	22.187,62
08.05.2019	14:00:00	12.197,44	9.901,61	22.388,45
08.05.2019	14:15:00	12.148,09	9.706,89	22.030,58
08.05.2019	14:30:00	11.917,35	9.679,74	21.880,28
08.05.2019	14:45:00	11.811,34	10.037,14	22.241,15
08.05.2019	15:00:00	11.929,60	10.200,48	22.269,45
08.05.2019	15:15:00	11.873,71	9.934,08	21.680,50
08.05.2019	15:30:00	11.797,59	10.064,92	21.552,36
08.05.2019	15:45:00	11.767,65	10.348,62	21.879,08
08.05.2019	16:00:00	11.886,18	10.337,64	21.607,62
08.05.2019	16:15:00	11.968,82	10.619,58	21.494,98
08.05.2019	16:30:00	12.042,40	10.375,60	20.873,20
08.05.2019	16:45:00	12.205,84	11.047,49	21.376,80
08.05.2019	17:00:00	12.114,38	10.968,47	21.109,52
08.05.2019	17:15:00	12.391,29	11.447,64	21.434,94
08.05.2019	17:30:00	12.368,92	11.486,44	21.323,71
08.05.2019	17:45:00	12.591,74	11.759,71	21.302,58
08.05.2019	18:00:00	12.723,02	11.790,88	21.314,03
08.05.2019	18:15:00	12.782,37	11.692,01	20.863,82
08.05.2019	18:30:00	12.896,82	12.063,06	21.081,02
08.05.2019	18:45:00	12.779,60	11.877,20	20.611,82
08.05.2019	19:00:00	12.787,60	12.298,46	20.719,88
08.05.2019	19:15:00	12.957,00	12.497,99	21.020,51
08.05.2019	19:30:00	13.068,60	12.523,43	21.237,70
08.05.2019	19:45:00	13.034,17	12.509,00	20.952,10
08.05.2019	20:00:00	13.104,69	12.622,87	20.876,16
08.05.2019	20:15:00	13.292,10	12.871,86	21.080,55
08.05.2019	20:30:00	13.395,42	12.933,15	20.791,64
08.05.2019	20:45:00	13.370,78	12.945,04	20.769,28
08.05.2019	21:00:00	13.465,87	13.049,05	20.962,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.05.2019	21:15:00	13.249,75	12.785,25	20.471,22
08.05.2019	21:30:00	14.008,29	13.584,93	20.938,16
08.05.2019	21:45:00	13.378,77	12.962,18	20.176,09
08.05.2019	22:00:00	12.907,84	12.444,46	19.400,52
08.05.2019	22:15:00	12.708,12	12.270,87	18.913,08
08.05.2019	22:30:00	12.197,63	11.768,84	18.212,13
08.05.2019	22:45:00	12.221,64	11.755,58	17.792,08
08.05.2019	23:00:00	12.018,87	11.569,82	17.591,74
08.05.2019	23:15:00	11.201,02	10.760,78	16.665,20
08.05.2019	23:30:00	10.396,41	10.004,32	15.692,74
08.05.2019	23:45:00	9.785,49	9.426,28	15.068,75
09.05.2019	00:00:00	9.294,20	8.943,66	14.600,67
09.05.2019	00:15:00	8.747,57	8.391,19	14.013,18
09.05.2019	00:30:00	8.271,40	8.032,76	13.644,71
09.05.2019	00:45:00	7.873,99	7.715,83	13.212,80
09.05.2019	01:00:00	7.690,77	7.532,88	12.958,64
09.05.2019	01:15:00	7.501,61	7.318,62	12.792,77
09.05.2019	01:30:00	7.390,00	7.179,82	12.717,90
09.05.2019	01:45:00	7.316,75	7.105,89	12.566,28
09.05.2019	02:00:00	7.356,20	7.166,53	12.623,63
09.05.2019	02:15:00	7.437,17	7.267,75	12.678,58
09.05.2019	02:30:00	7.403,79	7.194,56	12.511,82
09.05.2019	02:45:00	7.291,87	7.128,30	12.481,61
09.05.2019	03:00:00	7.291,32	7.129,36	12.430,26
09.05.2019	03:15:00	7.357,85	7.116,10	12.324,95
09.05.2019	03:30:00	7.370,03	7.046,86	12.339,00
09.05.2019	03:45:00	7.522,90	7.242,91	12.492,56
09.05.2019	04:00:00	7.572,11	7.299,39	12.460,27
09.05.2019	04:15:00	7.847,97	7.543,03	12.814,91
09.05.2019	04:30:00	7.948,65	7.630,42	12.865,36
09.05.2019	04:45:00	7.986,25	7.669,27	12.977,10
09.05.2019	05:00:00	8.256,17	7.947,77	13.432,10
09.05.2019	05:15:00	8.506,95	8.225,83	14.087,14
09.05.2019	05:30:00	8.533,69	8.278,69	14.278,65
09.05.2019	05:45:00	8.863,22	8.613,24	15.141,30
09.05.2019	06:00:00	9.083,75	8.829,85	15.840,33
09.05.2019	06:15:00	9.080,41	8.785,27	16.874,65
09.05.2019	06:30:00	9.146,65	8.748,36	17.819,20
09.05.2019	06:45:00	9.229,03	8.606,38	18.317,26
09.05.2019	07:00:00	9.140,94	8.487,33	18.735,98
09.05.2019	07:15:00	9.282,41	8.301,22	19.212,08
09.05.2019	07:30:00	9.385,38	8.251,49	19.129,52
09.05.2019	07:45:00	9.900,79	8.767,84	20.153,53
09.05.2019	08:00:00	10.287,83	9.009,29	20.761,45
09.05.2019	08:15:00	10.760,11	9.513,57	21.660,69
09.05.2019	08:30:00	10.983,42	9.648,62	21.830,21
09.05.2019	08:45:00	11.031,78	9.585,78	21.674,90
09.05.2019	09:00:00	10.938,30	9.658,13	21.918,71
09.05.2019	09:15:00	10.739,79	7.478,82	18.986,56
09.05.2019	09:30:00	11.022,94	8.610,80	20.427,30
09.05.2019	09:45:00	11.145,02	8.092,86	20.323,14
09.05.2019	10:00:00	11.142,68	8.270,63	20.681,06
09.05.2019	10:15:00	11.539,83	10.282,11	22.800,82
09.05.2019	10:30:00	11.904,98	11.029,16	23.723,25
09.05.2019	10:45:00	12.360,69	11.525,88	24.381,04
09.05.2019	11:00:00	12.465,60	11.265,16	24.402,76
09.05.2019	11:15:00	12.845,04	11.560,94	24.920,47
09.05.2019	11:30:00	13.071,01	11.478,09	24.896,86
09.05.2019	11:45:00	13.515,25	10.930,90	24.366,53
09.05.2019	12:00:00	12.700,01	8.865,59	21.656,52
09.05.2019	12:15:00	12.715,80	7.007,73	19.188,18
09.05.2019	12:30:00	12.744,61	7.517,61	19.534,77
09.05.2019	12:45:00	12.441,72	8.428,77	20.877,99
09.05.2019	13:00:00	12.651,29	9.977,27	22.651,50
09.05.2019	13:15:00	12.833,07	9.031,17	21.630,03
09.05.2019	13:30:00	12.133,85	8.080,52	20.919,14
09.05.2019	13:45:00	11.977,01	9.964,72	22.797,97
09.05.2019	14:00:00	11.837,67	9.353,79	22.003,48
09.05.2019	14:15:00	11.826,15	10.083,27	22.714,44
09.05.2019	14:30:00	11.779,38	10.004,41	22.584,64
09.05.2019	14:45:00	11.745,03	8.792,32	21.023,33

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.05.2019	15:00:00	11.533,38	8.917,25	21.049,78
09.05.2019	15:15:00	11.542,27	9.446,01	21.388,18
09.05.2019	15:30:00	11.616,54	10.000,26	21.788,70
09.05.2019	15:45:00	11.680,48	10.605,65	22.263,97
09.05.2019	16:00:00	11.860,74	11.019,61	22.480,76
09.05.2019	16:15:00	11.968,71	10.817,27	21.754,73
09.05.2019	16:30:00	11.947,50	9.459,75	19.959,48
09.05.2019	16:45:00	11.818,16	9.351,75	19.432,69
09.05.2019	17:00:00	12.281,92	8.137,17	17.999,12
09.05.2019	17:15:00	11.939,88	10.507,90	20.474,82
09.05.2019	17:30:00	12.262,76	11.109,52	20.723,13
09.05.2019	17:45:00	12.511,32	11.393,77	20.838,65
09.05.2019	18:00:00	12.501,83	10.851,95	19.946,20
09.05.2019	18:15:00	13.125,16	9.134,73	17.667,86
09.05.2019	18:30:00	12.959,98	9.538,82	17.901,89
09.05.2019	18:45:00	12.533,30	10.588,12	18.906,49
09.05.2019	19:00:00	12.961,50	10.178,01	18.305,64
09.05.2019	19:15:00	12.542,71	10.779,77	18.982,55
09.05.2019	19:30:00	12.293,17	11.106,82	19.504,47
09.05.2019	19:45:00	12.302,84	11.431,59	19.587,24
09.05.2019	20:00:00	12.280,72	11.562,74	19.855,50
09.05.2019	20:15:00	12.280,24	11.787,06	20.016,29
09.05.2019	20:30:00	12.534,54	12.055,39	20.007,48
09.05.2019	20:45:00	12.582,09	12.172,19	20.025,91
09.05.2019	21:00:00	12.364,80	11.991,26	19.779,54
09.05.2019	21:15:00	12.542,95	12.172,66	19.696,02
09.05.2019	21:30:00	13.604,08	13.230,21	20.667,70
09.05.2019	21:45:00	13.271,11	12.890,66	20.195,66
09.05.2019	22:00:00	13.013,67	12.631,17	19.610,71
09.05.2019	22:15:00	12.815,50	12.449,41	19.137,44
09.05.2019	22:30:00	12.478,45	12.152,04	18.569,57
09.05.2019	22:45:00	12.299,70	11.959,15	18.162,86
09.05.2019	23:00:00	11.976,43	11.625,61	17.767,12
09.05.2019	23:15:00	11.123,96	10.765,65	16.687,90
09.05.2019	23:30:00	10.468,75	10.101,59	15.789,34
09.05.2019	23:45:00	10.017,54	9.662,83	15.365,82
10.05.2019	00:00:00	9.337,00	8.974,45	14.619,09
10.05.2019	00:15:00	8.663,51	8.276,38	13.804,67
10.05.2019	00:30:00	8.138,52	7.642,51	13.150,74
10.05.2019	00:45:00	7.832,94	7.333,50	12.908,13
10.05.2019	01:00:00	7.549,77	7.054,78	12.554,22
10.05.2019	01:15:00	7.336,37	6.846,40	12.593,23
10.05.2019	01:30:00	7.172,96	6.675,41	12.416,05
10.05.2019	01:45:00	7.116,79	6.596,15	12.201,80
10.05.2019	02:00:00	6.913,01	6.397,66	11.834,01
10.05.2019	02:15:00	6.732,75	6.197,03	11.663,23
10.05.2019	02:30:00	6.845,36	6.332,05	11.781,77
10.05.2019	02:45:00	6.996,02	6.473,66	11.929,74
10.05.2019	03:00:00	7.101,21	6.552,03	12.059,99
10.05.2019	03:15:00	7.036,56	6.512,20	11.829,39
10.05.2019	03:30:00	6.985,25	6.523,32	11.822,42
10.05.2019	03:45:00	7.095,37	6.578,89	11.916,28
10.05.2019	04:00:00	7.339,32	6.848,55	12.059,33
10.05.2019	04:15:00	7.644,97	7.116,26	12.483,61
10.05.2019	04:30:00	7.702,30	7.262,25	12.684,56
10.05.2019	04:45:00	7.749,79	7.309,57	12.840,18
10.05.2019	05:00:00	7.873,82	7.442,77	13.192,02
10.05.2019	05:15:00	8.301,21	7.903,06	14.015,19
10.05.2019	05:30:00	8.208,60	7.817,80	14.183,53
10.05.2019	05:45:00	8.715,10	8.338,33	14.997,93
10.05.2019	06:00:00	8.615,46	8.240,25	15.449,07
10.05.2019	06:15:00	8.811,61	8.438,87	16.892,74
10.05.2019	06:30:00	8.999,60	8.585,91	17.918,77
10.05.2019	06:45:00	9.293,41	8.792,62	18.794,07
10.05.2019	07:00:00	9.401,35	8.718,70	19.415,95
10.05.2019	07:15:00	9.710,24	8.880,02	19.967,17
10.05.2019	07:30:00	9.949,19	8.952,07	20.168,30
10.05.2019	07:45:00	10.105,97	9.081,92	20.523,89
10.05.2019	08:00:00	10.326,34	9.037,98	20.788,18
10.05.2019	08:15:00	10.703,73	9.251,37	21.235,09
10.05.2019	08:30:00	10.900,35	9.529,87	21.631,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.05.2019	08:45:00	11.200,60	9.659,68	21.752,77
10.05.2019	09:00:00	11.341,81	9.660,82	21.840,23
10.05.2019	09:15:00	11.381,73	9.648,79	21.135,64
10.05.2019	09:30:00	11.533,26	9.802,10	21.490,74
10.05.2019	09:45:00	11.648,36	9.376,68	21.706,64
10.05.2019	10:00:00	11.742,78	9.071,17	21.288,75
10.05.2019	10:15:00	11.804,90	9.626,47	21.912,12
10.05.2019	10:30:00	11.569,03	8.573,11	20.638,85
10.05.2019	10:45:00	11.551,68	7.877,41	19.919,94
10.05.2019	11:00:00	12.645,91	7.220,33	19.381,06
10.05.2019	11:15:00	11.884,44	8.655,08	21.181,46
10.05.2019	11:30:00	12.021,36	7.803,89	20.048,12
10.05.2019	11:45:00	11.889,74	7.853,86	20.406,48
10.05.2019	12:00:00	11.911,49	8.611,98	20.711,38
10.05.2019	12:15:00	13.036,85	8.681,84	20.189,50
10.05.2019	12:30:00	12.975,90	9.172,76	20.362,16
10.05.2019	12:45:00	12.784,62	8.534,74	20.224,29
10.05.2019	13:00:00	11.808,34	6.550,35	18.013,43
10.05.2019	13:15:00	13184,722	6535,373	18115,752
10.05.2019	13:30:00	11878,45	7545,91	19335,756
10.05.2019	13:45:00	11913,514	9530,108	21303,552
10.05.2019	14:00:00	11872,608	10152,968	22081,056
10.05.2019	14:15:00	11480,873	9671,514	21499,92
10.05.2019	14:30:00	10748,44	7334,793	18776,672
10.05.2019	14:45:00	11195,097	8044,182	19246,776
10.05.2019	15:00:00	10849,471	8562,846	19480,636
10.05.2019	15:15:00	10918,383	7980,795	18281,14
10.05.2019	15:30:00	10925,941	7687,606	17685,528
10.05.2019	15:45:00	10.577,11	7.760,26	17.608,20
10.05.2019	16:00:00	10.544,73	7.216,57	16.691,00
10.05.2019	16:15:00	11.472,35	8.610,76	18.030,70
10.05.2019	16:30:00	12.065,08	7.773,43	16.779,00
10.05.2019	16:45:00	12.166,25	6.522,25	15.462,97
10.05.2019	17:00:00	12.284,19	6.814,95	15.839,66
10.05.2019	17:15:00	11.125,45	8.797,27	17.641,88
10.05.2019	17:30:00	11.329,80	9.632,64	18.232,09
10.05.2019	17:45:00	11.812,55	8.929,51	17.547,33
10.05.2019	18:00:00	12.482,61	8.492,52	16.795,55
10.05.2019	18:15:00	12.196,12	9.183,08	17.138,62
10.05.2019	18:30:00	11.576,29	10.156,10	18.124,36
10.05.2019	18:45:00	11.624,14	10.161,48	18.069,98
10.05.2019	19:00:00	11.532,55	9.965,37	17.689,11
10.05.2019	19:15:00	11.617,44	10.670,97	18.401,41
10.05.2019	19:30:00	11.782,47	10.840,84	18.407,11
10.05.2019	19:45:00	11.870,74	10.896,95	18.145,72
10.05.2019	20:00:00	11.785,38	10.763,86	17.983,66
10.05.2019	20:15:00	11.527,81	10.717,76	17.847,38
10.05.2019	20:30:00	11.536,28	10.965,80	17.919,20
10.05.2019	20:45:00	11.681,92	11.261,68	17.986,93
10.05.2019	21:00:00	11.508,12	11.118,95	17.754,50
10.05.2019	21:15:00	11.956,02	11.574,37	18.074,30
10.05.2019	21:30:00	12.935,95	12.557,90	19.100,56
10.05.2019	21:45:00	12.634,86	12.321,86	18.887,06
10.05.2019	22:00:00	12.363,05	12.092,33	18.635,31
10.05.2019	22:15:00	12.228,86	11.954,49	18.227,86
10.05.2019	22:30:00	11.981,28	11.705,51	17.646,68
10.05.2019	22:45:00	11.858,96	11.571,43	17.305,63
10.05.2019	23:00:00	11.573,06	11.280,69	17.121,72
10.05.2019	23:15:00	10.931,31	10.629,93	16.144,42
10.05.2019	23:30:00	10.427,27	10.119,26	15.557,26
10.05.2019	23:45:00	9.858,19	9.548,77	15.048,25
11.05.2019	00:00:00	9.297,93	8.984,68	14.456,29
11.05.2019	00:15:00	8.804,55	8.486,20	13.940,68
11.05.2019	00:30:00	8.302,53	7.979,48	13.344,32
11.05.2019	00:45:00	8.048,21	7.723,15	13.148,21
11.05.2019	01:00:00	7.627,58	7.298,31	12.670,75
11.05.2019	01:15:00	7.448,91	7.131,53	12.241,47
11.05.2019	01:30:00	7.166,51	6.881,48	11.894,16
11.05.2019	01:45:00	7.048,06	6.755,22	11.628,07
11.05.2019	02:00:00	6.991,09	6.653,42	11.520,57
11.05.2019	02:15:00	6.887,76	6.550,00	11.393,06

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.05.2019	02:30:00	6.827,21	6.489,50	11.286,28
11.05.2019	02:45:00	6.890,42	6.553,34	11.356,60
11.05.2019	03:00:00	6.800,44	6.463,73	11.249,45
11.05.2019	03:15:00	6.758,51	6.419,86	11.052,12
11.05.2019	03:30:00	6.835,93	6.512,08	11.168,83
11.05.2019	03:45:00	6.861,43	6.570,45	11.236,12
11.05.2019	04:00:00	6.800,78	6.511,88	10.921,03
11.05.2019	04:15:00	7.027,02	6.740,39	11.017,27
11.05.2019	04:30:00	7.000,39	6.714,87	11.147,31
11.05.2019	04:45:00	7.001,23	6.703,18	11.204,59
11.05.2019	05:00:00	7.128,47	6.843,40	11.350,70
11.05.2019	05:15:00	7.116,07	6.847,77	11.650,23
11.05.2019	05:30:00	7.123,98	6.848,57	11.657,40
11.05.2019	05:45:00	7.292,47	6.950,39	11.986,92
11.05.2019	06:00:00	7.171,96	6.823,35	12.078,77
11.05.2019	06:15:00	7.158,90	6.805,61	12.195,31
11.05.2019	06:30:00	7.248,68	6.803,37	12.147,34
11.05.2019	06:45:00	7.282,18	6.733,76	12.193,64
11.05.2019	07:00:00	7.516,02	6.859,36	12.462,49
11.05.2019	07:15:00	7.967,51	7.321,07	13.022,18
11.05.2019	07:30:00	8.245,85	7.214,74	12.958,80
11.05.2019	07:45:00	8.517,51	7.586,11	13.371,99
11.05.2019	08:00:00	8.763,87	7.417,39	13.299,96
11.05.2019	08:15:00	9.095,63	7.865,84	13.957,43
11.05.2019	08:30:00	9.638,30	8.491,24	14.666,91
11.05.2019	08:45:00	9.498,84	7.868,59	13.891,69
11.05.2019	09:00:00	9.184,31	6.730,51	12.657,32
11.05.2019	09:15:00	9.614,76	7.082,23	12.946,67
11.05.2019	09:30:00	10.340,54	8.905,73	15.022,64
11.05.2019	09:45:00	10.483,35	8.757,12	14.881,46
11.05.2019	10:00:00	10.995,91	9.262,30	15.462,78
11.05.2019	10:15:00	11.273,56	8.327,04	14.732,41
11.05.2019	10:30:00	11.337,27	8.252,64	14.588,18
11.05.2019	10:45:00	11.366,80	7.880,71	14.142,77
11.05.2019	11:00:00	10.880,93	7.253,42	13.617,52
11.05.2019	11:15:00	11.557,21	7.081,06	13.410,22
11.05.2019	11:30:00	11.781,74	6.982,66	13.281,67
11.05.2019	11:45:00	12.299,51	10.793,61	17.094,36
11.05.2019	12:00:00	12.132,34	7.359,45	13.398,08
11.05.2019	12:15:00	11.936,33	5.913,73	11.747,82
11.05.2019	12:30:00	12.092,13	6.366,12	12.050,99
11.05.2019	12:45:00	12.655,11	7.994,60	13.830,77
11.05.2019	13:00:00	12.021,98	7.680,68	13.393,06
11.05.2019	13:15:00	11.086,88	7.924,76	13.507,95
11.05.2019	13:30:00	11.833,22	8.181,37	13.503,78
11.05.2019	13:45:00	11.637,83	5.993,62	11.284,19
11.05.2019	14:00:00	11.312,41	9.233,19	14.539,32
11.05.2019	14:15:00	10.771,93	6.369,76	11.445,06
11.05.2019	14:30:00	10.669,54	6.334,27	11.385,69
11.05.2019	14:45:00	10.934,54	7.029,72	11.935,16
11.05.2019	15:00:00	10.786,28	5.470,96	10.390,02
11.05.2019	15:15:00	10.687,36	7.161,54	12.138,25
11.05.2019	15:30:00	10.881,11	8.206,30	13.133,34
11.05.2019	15:45:00	10.823,12	9.333,69	14.535,44
11.05.2019	16:00:00	11.131,31	10.422,97	15.482,84
11.05.2019	16:15:00	11.598,54	10.643,51	15.405,70
11.05.2019	16:30:00	11.601,76	10.232,76	14.981,37
11.05.2019	16:45:00	11.888,60	6.801,59	11.418,85
11.05.2019	17:00:00	10.916,98	8.849,09	13.388,00
11.05.2019	17:15:00	11.177,11	10.427,41	15.089,80
11.05.2019	17:30:00	11.689,07	10.693,58	15.278,70
11.05.2019	17:45:00	12.006,56	10.119,49	14.692,68
11.05.2019	18:00:00	11.806,27	10.052,38	14.647,83
11.05.2019	18:15:00	11.965,70	9.945,06	14.438,87
11.05.2019	18:30:00	12.566,07	9.627,33	14.092,51
11.05.2019	18:45:00	12.418,10	9.610,71	13.958,76
11.05.2019	19:00:00	11.955,80	10.979,50	15.474,90
11.05.2019	19:15:00	12.133,09	11.555,77	15.998,51
11.05.2019	19:30:00	12.675,59	12.143,07	16.579,22
11.05.2019	19:45:00	12.665,09	12.114,73	16.500,95
11.05.2019	20:00:00	12.628,49	12.104,60	16.418,82

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.05.2019	20:15:00	12.465,35	11.964,32	16.263,48
11.05.2019	20:30:00	12.539,91	12.064,84	16.384,46
11.05.2019	20:45:00	12.675,27	12.201,23	16.474,38
11.05.2019	21:00:00	12.626,77	12.154,02	16.354,66
11.05.2019	21:15:00	12.298,76	11.822,98	15.966,29
11.05.2019	21:30:00	12.979,24	12.512,05	16.691,54
11.05.2019	21:45:00	12.560,85	12.086,74	16.250,80
11.05.2019	22:00:00	12.217,83	11.740,54	15.809,06
11.05.2019	22:15:00	12.288,12	11.802,56	15.815,99
11.05.2019	22:30:00	12.179,17	11.693,63	15.680,71
11.05.2019	22:45:00	12.229,46	11.745,59	15.568,11
11.05.2019	23:00:00	11.903,81	11.420,36	15.188,81
11.05.2019	23:15:00	11.487,71	11.000,14	14.685,86
11.05.2019	23:30:00	10.834,10	10.541,48	14.268,07
11.05.2019	23:45:00	10.460,54	10.170,10	13.898,55
12.05.2019	00:00:00	9.955,25	9.657,71	13.296,00
12.05.2019	00:15:00	9.405,08	9.090,47	12.698,63
12.05.2019	00:30:00	8.995,98	8.599,53	12.211,54
12.05.2019	00:45:00	8.633,41	8.262,84	11.794,63
12.05.2019	01:00:00	8.260,74	7.841,74	11.383,22
12.05.2019	01:15:00	8.061,13	7.640,54	11.189,30
12.05.2019	01:30:00	7.705,22	7.281,87	10.844,80
12.05.2019	01:45:00	7.599,05	7.173,19	10.711,57
12.05.2019	02:00:00	7.440,84	7.015,72	10.515,12
12.05.2019	02:15:00	7.427,76	7.002,03	10.530,24
12.05.2019	02:30:00	7.248,53	6.815,21	10.366,25
12.05.2019	02:45:00	7.185,65	6.832,74	10.375,76
12.05.2019	03:00:00	7.167,32	6.840,74	10.348,78
12.05.2019	03:15:00	7.066,25	6.737,84	10.265,31
12.05.2019	03:30:00	7.159,09	6.832,40	10.322,22
12.05.2019	03:45:00	7.184,22	6.879,72	10.359,65
12.05.2019	04:00:00	7.207,42	6.946,12	10.398,05
12.05.2019	04:15:00	7.366,20	7.096,30	10.560,41
12.05.2019	04:30:00	7.373,89	7.084,55	10.530,91
12.05.2019	04:45:00	7.333,07	7.035,89	10.484,31
12.05.2019	05:00:00	7.389,87	7.096,99	10.557,90
12.05.2019	05:15:00	7.361,53	7.072,65	10.555,36
12.05.2019	05:30:00	7.244,33	6.935,28	10.384,06
12.05.2019	05:45:00	7.360,04	7.088,48	10.549,13
12.05.2019	06:00:00	7.221,79	6.923,29	10.354,28
12.05.2019	06:15:00	7.033,46	6.768,45	10.280,34
12.05.2019	06:30:00	7.025,39	6.693,64	10.211,81
12.05.2019	06:45:00	6.942,20	6.416,50	9.955,70
12.05.2019	07:00:00	6.918,55	6.254,65	9.776,55
12.05.2019	07:15:00	7.161,03	6.491,43	10.037,14
12.05.2019	07:30:00	7.484,43	6.849,65	10.378,72
12.05.2019	07:45:00	7.926,59	7.383,78	11.051,45
12.05.2019	08:00:00	8.031,59	7.294,53	10.910,53
12.05.2019	08:15:00	8.488,82	7.581,68	11.168,34
12.05.2019	08:30:00	8.734,04	7.793,31	11.414,83
12.05.2019	08:45:00	9.381,01	8.150,62	11.731,72
12.05.2019	09:00:00	9.393,06	7.768,71	11.318,65
12.05.2019	09:15:00	9.469,86	7.150,29	10.693,41
12.05.2019	09:30:00	9.612,34	7.325,34	10.814,22
12.05.2019	09:45:00	9.315,30	6.677,71	10.167,90
12.05.2019	10:00:00	9.632,39	7.061,86	10.621,76
12.05.2019	10:15:00	9.603,76	5.819,53	9.441,41
12.05.2019	10:30:00	10.154,43	6.206,04	9.837,73
12.05.2019	10:45:00	10.874,66	6.370,73	9.957,99
12.05.2019	11:00:00	10.541,96	6.475,58	10.066,10
12.05.2019	11:15:00	11.195,14	7.561,84	11.214,80
12.05.2019	11:30:00	11.418,24	8.067,26	11.891,13
12.05.2019	11:45:00	12.028,92	7.418,95	11.193,88
12.05.2019	12:00:00	12.397,52	7.357,63	11.202,72
12.05.2019	12:15:00	11.902,24	9.668,41	13.522,98
12.05.2019	12:30:00	12.330,75	9.414,32	13.639,92
12.05.2019	12:45:00	11.953,63	9.214,50	13.479,08
12.05.2019	13:00:00	12.179,51	10.363,91	14.685,10
12.05.2019	13:15:00	12.105,44	10.505,76	14.735,94
12.05.2019	13:30:00	11.840,99	8.038,41	12.123,24
12.05.2019	13:45:00	11.538,52	6.649,04	10.813,73

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.05.2019	14:00:00	11.319,42	8.679,20	12.877,58
12.05.2019	14:15:00	10.708,99	5.183,49	9.302,36
12.05.2019	14:30:00	11.293,20	6.897,43	10.842,07
12.05.2019	14:45:00	10.645,98	9.094,74	12.908,41
12.05.2019	15:00:00	9.600,68	6.094,96	9.711,14
12.05.2019	15:15:00	10.716,76	6.448,58	10.050,78
12.05.2019	15:30:00	9.400,42	5.725,15	9.383,74
12.05.2019	15:45:00	10.324,90	5.950,98	9.583,40
12.05.2019	16:00:00	8.951,28	6.528,32	10.111,75
12.05.2019	16:15:00	10.427,98	4.377,12	7.893,13
12.05.2019	16:30:00	10.838,12	5.055,40	8.642,95
12.05.2019	16:45:00	9.486,37	5.542,43	9.288,70
12.05.2019	17:00:00	10.603,72	6.600,80	10.362,31
12.05.2019	17:15:00	10.263,56	8.293,16	12.150,16
12.05.2019	17:30:00	10.640,87	6.804,44	10.601,58
12.05.2019	17:45:00	12.144,22	6.941,21	10.704,08
12.05.2019	18:00:00	11.945,64	7.653,53	11.492,70
12.05.2019	18:15:00	11.151,62	8.329,09	12.103,97
12.05.2019	18:30:00	11.998,94	8.187,22	11.914,44
12.05.2019	18:45:00	12.094,97	8.516,86	12.236,10
12.05.2019	19:00:00	11.887,83	9.058,87	12.816,44
12.05.2019	19:15:00	11.914,73	9.513,34	13.279,92
12.05.2019	19:30:00	11.589,54	9.860,01	13.619,78
12.05.2019	19:45:00	11.614,13	10.235,89	13.973,21
12.05.2019	20:00:00	11.641,47	10.595,64	14.374,43
12.05.2019	20:15:00	11.540,72	10.734,41	14.523,03
12.05.2019	20:30:00	11.546,20	10.882,14	14.636,77
12.05.2019	20:45:00	11.727,29	11.203,93	14.921,87
12.05.2019	21:00:00	11.389,54	10.935,50	14.692,80
12.05.2019	21:15:00	11.473,80	11.031,41	14.764,52
12.05.2019	21:30:00	12.456,78	12.017,45	15.859,40
12.05.2019	21:45:00	12.249,55	11.761,45	15.661,33
12.05.2019	22:00:00	12.015,05	11.524,79	15.519,49
12.05.2019	22:15:00	11.931,42	11.443,92	15.673,74
12.05.2019	22:30:00	11.594,60	11.114,00	15.298,42
12.05.2019	22:45:00	11.368,68	10.919,36	15.060,56
12.05.2019	23:00:00	11.062,45	10.646,84	14.773,72
12.05.2019	23:15:00	10.328,71	10.074,69	14.235,92
12.05.2019	23:30:00	9.837,87	9.581,80	13.654,12
12.05.2019	23:45:00	9.238,74	8.950,29	13.024,88
13.05.2019	00:00:00	8.789,50	8.477,32	12.572,57
13.05.2019	00:15:00	8.299,28	8.013,76	12.110,97
13.05.2019	00:30:00	7.900,34	7.625,10	11.763,15
13.05.2019	00:45:00	7.596,04	7.283,32	11.463,06
13.05.2019	01:00:00	7.431,84	7.109,43	11.324,88
13.05.2019	01:15:00	7.207,21	6.925,18	11.155,44
13.05.2019	01:30:00	7.233,75	6.952,98	11.112,24
13.05.2019	01:45:00	7.102,20	6.774,63	10.765,55
13.05.2019	02:00:00	7.050,86	6.714,37	10.729,38
13.05.2019	02:15:00	7.048,12	6.713,03	10.685,43
13.05.2019	02:30:00	7.005,68	6.673,59	10.788,29
13.05.2019	02:45:00	7.040,02	6.706,92	10.807,49
13.05.2019	03:00:00	7.179,50	6.845,67	10.918,96
13.05.2019	03:15:00	7.294,27	6.960,33	11.090,98
13.05.2019	03:30:00	7.592,75	7.151,88	11.298,42
13.05.2019	03:45:00	7.728,57	7.290,01	11.367,38
13.05.2019	04:00:00	7.863,34	7.425,97	11.374,09
13.05.2019	04:15:00	8.120,73	7.685,20	11.711,14
13.05.2019	04:30:00	8.242,13	7.808,57	11.981,71
13.05.2019	04:45:00	8.302,93	7.871,05	12.103,21
13.05.2019	05:00:00	8.360,63	7.932,87	12.452,74
13.05.2019	05:15:00	8.601,71	8.201,38	13.508,33
13.05.2019	05:30:00	8.351,33	7.962,43	13.921,24
13.05.2019	05:45:00	8.542,79	8.161,55	14.467,19
13.05.2019	06:00:00	8.771,81	8.240,81	15.127,33
13.05.2019	06:15:00	9.007,75	8.484,45	16.746,71
13.05.2019	06:30:00	8.976,30	8.452,97	17.558,89
13.05.2019	06:45:00	8.908,16	8.360,28	17.713,77
13.05.2019	07:00:00	8.913,63	8.333,81	18.116,68
13.05.2019	07:15:00	9.303,91	8.593,89	18.941,20
13.05.2019	07:30:00	9.233,24	8.476,39	19.316,26

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.05.2019	07:45:00	9.254,61	8.400,74	19.602,72
13.05.2019	08:00:00	9.228,10	8.222,73	19.697,66
13.05.2019	08:15:00	9.242,22	7.954,48	19.642,48
13.05.2019	08:30:00	9.347,86	7.887,97	19.750,13
13.05.2019	08:45:00	9.496,41	7.697,97	19.621,66
13.05.2019	09:00:00	9.564,65	7.407,34	19.350,47
13.05.2019	09:15:00	9.735,44	7.159,14	18.542,71
13.05.2019	09:30:00	9.957,86	6.918,13	18.385,18
13.05.2019	09:45:00	9.976,12	7.248,68	19.295,86
13.05.2019	10:00:00	10.359,02	7.572,12	19.965,45
13.05.2019	10:15:00	10.657,77	6.600,49	18.935,65
13.05.2019	10:30:00	10.776,39	6.607,54	19.024,13
13.05.2019	10:45:00	10.626,31	5.932,82	18.357,21
13.05.2019	11:00:00	10.667,08	5.336,39	17.719,22
13.05.2019	11:15:00	10.800,31	5.223,94	17.489,04
13.05.2019	11:30:00	11.319,22	6.134,26	18.448,06
13.05.2019	11:45:00	10.969,07	6.309,16	18.526,58
13.05.2019	12:00:00	12.396,31	5.855,57	17.647,20
13.05.2019	12:15:00	12.445,23	5.727,66	17.331,02
13.05.2019	12:30:00	12.093,23	6.374,39	17.726,64
13.05.2019	12:45:00	11.204,46	6.372,82	18.034,15
13.05.2019	13:00:00	12.133,84	6.996,11	18.981,91
13.05.2019	13:15:00	11.662,93	6.678,56	18.682,81
13.05.2019	13:30:00	10.342,00	7.413,25	19.571,63
13.05.2019	13:45:00	11.357,12	5.616,53	17.562,70
13.05.2019	14:00:00	11.568,35	6.056,08	18.192,38
13.05.2019	14:15:00	10.400,38	5.302,39	16.995,47
13.05.2019	14:30:00	11.865,61	4.996,72	16.961,03
13.05.2019	14:45:00	11.402,15	6.285,47	17.921,88
13.05.2019	15:00:00	10.321,13	6.169,92	18.094,74
13.05.2019	15:15:00	11.295,33	5.296,84	16.906,82
13.05.2019	15:30:00	11.035,17	6.784,98	18.430,89
13.05.2019	15:45:00	12.089,04	6.267,50	17.623,80
13.05.2019	16:00:00	11.504,28	5.740,78	16.633,18
13.05.2019	16:15:00	11.848,40	6.206,64	16.759,97
13.05.2019	16:30:00	11.466,84	6.558,09	16.753,75
13.05.2019	16:45:00	10.811,18	7.309,00	17.300,86
13.05.2019	17:00:00	10.932,22	7.615,26	17.150,51
13.05.2019	17:15:00	11.023,87	8.207,47	17.540,17
13.05.2019	17:30:00	12.882,28	8.088,45	17.201,90
13.05.2019	17:45:00	12.201,26	8.342,33	17.298,10
13.05.2019	18:00:00	12.002,93	8.888,66	17.593,86
13.05.2019	18:15:00	12.559,90	8.942,07	17.313,36
13.05.2019	18:30:00	12.137,08	9.434,34	17.863,04
13.05.2019	18:45:00	12.972,97	9.826,17	18.039,56
13.05.2019	19:00:00	12.384,96	10.025,63	18.102,15
13.05.2019	19:15:00	12.397,64	10.400,41	18.538,56
13.05.2019	19:30:00	11.872,17	10.767,81	18.948,42
13.05.2019	19:45:00	12.314,31	10.639,69	18.756,94
13.05.2019	20:00:00	12.173,58	10.944,92	19.224,66
13.05.2019	20:15:00	12.189,68	11.171,91	19.200,68
13.05.2019	20:30:00	12.046,13	11.390,14	19.225,44
13.05.2019	20:45:00	12.128,72	11.707,35	19.532,23
13.05.2019	21:00:00	12.017,35	11.647,31	19.342,66
13.05.2019	21:15:00	11.752,83	11.355,97	18.918,78
13.05.2019	21:30:00	12.634,44	12.244,92	19.673,92
13.05.2019	21:45:00	12.330,88	11.950,02	19.312,05
13.05.2019	22:00:00	12.046,34	11.672,56	18.729,20
13.05.2019	22:15:00	11.963,97	11.544,97	18.434,74
13.05.2019	22:30:00	11.464,04	10.968,32	17.691,06
13.05.2019	22:45:00	11.320,94	10.818,32	17.265,98
13.05.2019	23:00:00	11.108,07	10.601,42	16.785,84
13.05.2019	23:15:00	10.389,49	9.880,06	15.737,88
13.05.2019	23:30:00	9.896,87	9.578,48	15.404,47
13.05.2019	23:45:00	9.323,53	9.006,55	14.828,90
14.05.2019	00:00:00	8.813,34	8.481,62	14.130,11
14.05.2019	00:15:00	8.263,82	7.927,80	13.533,50
14.05.2019	00:30:00	7.979,11	7.645,43	13.165,76
14.05.2019	00:45:00	7.712,00	7.379,58	13.040,34
14.05.2019	01:00:00	7.497,16	7.160,64	12.774,38
14.05.2019	01:15:00	7.329,26	6.995,18	12.638,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.05.2019	01:30:00	7.274,87	6.949,23	12.517,95
14.05.2019	01:45:00	7.226,27	6.894,16	12.369,42
14.05.2019	02:00:00	7.203,03	6.791,96	12.222,26
14.05.2019	02:15:00	7.187,22	6.734,93	12.081,11
14.05.2019	02:30:00	7.098,36	6.650,38	12.007,12
14.05.2019	02:45:00	7.043,66	6.650,28	11.972,13
14.05.2019	03:00:00	7.081,55	6.662,14	12.009,21
14.05.2019	03:15:00	7.075,35	6.623,22	11.960,54
14.05.2019	03:30:00	7.141,00	6.687,55	12.105,11
14.05.2019	03:45:00	7.333,06	6.880,80	12.223,69
14.05.2019	04:00:00	7.499,83	7.048,17	12.220,11
14.05.2019	04:15:00	7.840,17	7.389,36	12.758,17
14.05.2019	04:30:00	8.213,25	7.767,47	13.095,65
14.05.2019	04:45:00	8.208,22	7.762,35	13.122,46
14.05.2019	05:00:00	8.287,01	7.852,59	13.579,72
14.05.2019	05:15:00	8.601,09	8.188,45	14.388,12
14.05.2019	05:30:00	8.223,19	7.820,49	14.330,22
14.05.2019	05:45:00	8.446,92	8.064,65	14.910,50
14.05.2019	06:00:00	8.709,54	8.315,65	15.671,32
14.05.2019	06:15:00	9.082,62	8.613,43	17.085,26
14.05.2019	06:30:00	9.256,82	8.564,64	17.823,88
14.05.2019	06:45:00	8.971,08	8.220,76	18.042,93
14.05.2019	07:00:00	9.025,38	8.235,98	18.481,62
14.05.2019	07:15:00	9.375,74	8.549,16	19.269,50
14.05.2019	07:30:00	9.345,61	8.462,62	19.477,38
14.05.2019	07:45:00	9.323,26	8.392,72	19.507,08
14.05.2019	08:00:00	9.147,74	8.184,09	19.816,09
14.05.2019	08:15:00	9.128,82	7.930,55	19.529,88
14.05.2019	08:30:00	9.257,51	7.682,71	19.396,41
14.05.2019	08:45:00	9.371,21	7.429,49	19.342,14
14.05.2019	09:00:00	9.518,83	7.152,24	19.159,58
14.05.2019	09:15:00	9.855,82	7.118,55	18.472,57
14.05.2019	09:30:00	10.065,92	6.883,64	18.183,08
14.05.2019	09:45:00	10.083,64	6.498,72	18.224,23
14.05.2019	10:00:00	10.173,68	6.157,40	18.069,46
14.05.2019	10:15:00	10.343,34	6.019,41	17.934,99
14.05.2019	10:30:00	10.434,25	5.974,26	18.064,07
14.05.2019	10:45:00	10.714,60	5.702,56	17.877,84
14.05.2019	11:00:00	11.541,19	6.214,72	18.717,24
14.05.2019	11:15:00	11.649,66	7.624,04	20.354,51
14.05.2019	11:30:00	11.852,72	9.279,51	21.940,27
14.05.2019	11:45:00	12.282,59	10.161,46	22.923,73
14.05.2019	12:00:00	12.662,74	9.202,83	21.584,98
14.05.2019	12:15:00	12.673,65	9.923,39	21.803,72
14.05.2019	12:30:00	12.573,62	10.017,52	21.533,45
14.05.2019	12:45:00	11.406,41	7.515,51	19.029,58
14.05.2019	13:00:00	12.101,03	8.204,01	19.966,01
14.05.2019	13:15:00	11.782,09	6.943,30	18.611,59
14.05.2019	13:30:00	10.973,01	7.771,32	19.815,57
14.05.2019	13:45:00	10.347,72	6.643,52	18.546,08
14.05.2019	14:00:00	11.070,55	7.464,01	19.613,03
14.05.2019	14:15:00	10.373,12	7.808,34	19.827,19
14.05.2019	14:30:00	11.057,61	4.944,84	16.644,68
14.05.2019	14:45:00	10.531,76	7.070,60	19.227,51
14.05.2019	15:00:00	10.597,01	5.369,49	17.050,42
14.05.2019	15:15:00	10.787,27	8.265,51	19.996,12
14.05.2019	15:30:00	10.763,02	6.465,15	18.054,50
14.05.2019	15:45:00	11.452,57	7.555,38	18.724,22
14.05.2019	16:00:00	11.906,50	5.340,53	16.246,43
14.05.2019	16:15:00	11.783,53	6.449,96	16.967,92
14.05.2019	16:30:00	12.125,74	6.112,80	16.205,58
14.05.2019	16:45:00	11.498,73	6.673,12	16.563,92
14.05.2019	17:00:00	11.322,30	8.559,14	18.166,49
14.05.2019	17:15:00	11.853,01	7.745,42	17.134,96
14.05.2019	17:30:00	12.208,45	7.892,85	16.988,64
14.05.2019	17:45:00	12.569,03	7.739,14	16.636,22
14.05.2019	18:00:00	12.459,51	8.423,14	17.338,35
14.05.2019	18:15:00	11.775,11	9.216,60	17.786,01
14.05.2019	18:30:00	12.699,35	9.343,45	17.733,30
14.05.2019	18:45:00	11.811,44	10.262,85	18.597,48
14.05.2019	19:00:00	11.539,77	10.548,49	18.690,45

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.05.2019	19:15:00	12.688,20	10.588,25	18.671,06
14.05.2019	19:30:00	12.474,31	11.032,02	19.148,14
14.05.2019	19:45:00	12.168,42	11.256,87	19.271,62
14.05.2019	20:00:00	12.345,89	11.124,44	19.067,92
14.05.2019	20:15:00	12.098,16	11.168,89	18.898,40
14.05.2019	20:30:00	12.022,34	11.350,06	18.939,75
14.05.2019	20:45:00	12.047,92	11.480,73	19.097,34
14.05.2019	21:00:00	11.957,71	11.519,57	19.226,47
14.05.2019	21:15:00	11.941,12	11.540,49	19.191,38
14.05.2019	21:30:00	13.048,54	12.687,28	20.255,84
14.05.2019	21:45:00	12.744,52	12.358,43	19.825,79
14.05.2019	22:00:00	12.402,32	11.960,66	19.226,48
14.05.2019	22:15:00	11.977,62	11.555,11	18.562,72
14.05.2019	22:30:00	11.533,05	11.096,44	17.712,91
14.05.2019	22:45:00	11.427,74	10.880,39	17.098,49
14.05.2019	23:00:00	11.308,84	10.739,28	16.723,55
14.05.2019	23:15:00	10.574,54	9.964,53	15.777,31
14.05.2019	23:30:00	9.886,89	9.308,13	15.071,24
14.05.2019	23:45:00	9.358,01	8.754,13	14.496,90
15.05.2019	00:00:00	8.945,55	8.449,13	14.064,51
15.05.2019	00:15:00	8.432,75	8.003,04	13.502,18
15.05.2019	00:30:00	8.166,45	7.778,32	13.342,92
15.05.2019	00:45:00	7.894,95	7.461,42	12.989,22
15.05.2019	01:00:00	7.646,96	7.268,47	12.707,15
15.05.2019	01:15:00	7.381,73	6.961,99	12.556,82
15.05.2019	01:30:00	7.295,46	6.888,77	12.301,50
15.05.2019	01:45:00	7.263,45	6.859,02	12.219,92
15.05.2019	02:00:00	7.221,50	6.813,09	12.226,81
15.05.2019	02:15:00	7.139,28	6.856,16	12.181,07
15.05.2019	02:30:00	7.193,68	6.879,28	12.189,92
15.05.2019	02:45:00	7.300,25	6.980,83	12.235,69
15.05.2019	03:00:00	7.352,89	7.069,97	12.345,65
15.05.2019	03:15:00	7.367,30	7.034,89	12.319,19
15.05.2019	03:30:00	7.398,64	7.098,42	12.254,29
15.05.2019	03:45:00	7.426,45	7.130,69	12.279,48
15.05.2019	04:00:00	7.459,62	7.128,65	12.331,45
15.05.2019	04:15:00	7.701,02	7.377,81	12.721,21
15.05.2019	04:30:00	8.022,89	7.546,43	12.913,96
15.05.2019	04:45:00	8.163,03	7.636,37	13.149,27
15.05.2019	05:00:00	8.314,09	7.792,39	13.513,41
15.05.2019	05:15:00	8.745,76	8.171,72	14.393,29
15.05.2019	05:30:00	8.375,25	7.775,78	14.269,89
15.05.2019	05:45:00	8.534,43	7.950,60	14.830,42
15.05.2019	06:00:00	8.721,82	8.122,85	15.268,56
15.05.2019	06:15:00	9.280,65	8.646,27	17.243,78
15.05.2019	06:30:00	9.376,31	8.695,96	18.138,18
15.05.2019	06:45:00	9.201,72	8.462,95	18.399,43
15.05.2019	07:00:00	9.151,29	8.374,73	19.009,27
15.05.2019	07:15:00	9.393,11	8.562,67	19.691,12
15.05.2019	07:30:00	9.402,64	8.517,67	20.143,85
15.05.2019	07:45:00	9.476,28	8.537,22	20.355,98
15.05.2019	08:00:00	9.464,42	8.418,59	20.228,76
15.05.2019	08:15:00	9.305,06	7.997,50	19.986,15
15.05.2019	08:30:00	9.313,66	7.721,08	19.857,77
15.05.2019	08:45:00	9.535,95	7.581,49	20.047,11
15.05.2019	09:00:00	9.682,41	7.329,35	19.600,66
15.05.2019	09:15:00	9.591,39	6.826,33	18.266,14
15.05.2019	09:30:00	9.791,60	6.619,33	18.316,55
15.05.2019	09:45:00	9.862,44	6.306,06	18.354,84
15.05.2019	10:00:00	9.966,53	6.017,19	18.539,98
15.05.2019	10:15:00	10.266,29	5.927,59	18.338,31
15.05.2019	10:30:00	10.326,69	5.692,26	18.118,59
15.05.2019	10:45:00	9.923,63	5.573,53	18.121,99
15.05.2019	11:00:00	10.359,49	5.249,45	17.737,54
15.05.2019	11:15:00	10.879,60	5.274,73	17.646,24
15.05.2019	11:30:00	11.419,11	5.459,50	17.663,21
15.05.2019	11:45:00	11.505,80	5.390,24	17.822,06
15.05.2019	12:00:00	12.046,20	6.304,19	18.533,48
15.05.2019	12:15:00	13.153,33	6.697,90	18.676,21
15.05.2019	12:30:00	12.908,71	7.643,40	19.406,98
15.05.2019	12:45:00	12.196,83	6.559,79	18.284,38

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.05.2019	13:00:00	13.364,23	7.515,78	19.326,46
15.05.2019	13:15:00	12.574,37	7.255,13	19.285,75
15.05.2019	13:30:00	10.990,15	8.299,82	20.446,23
15.05.2019	13:45:00	12.096,26	7.129,93	19.234,91
15.05.2019	14:00:00	9.962,63	5.694,62	17.846,62
15.05.2019	14:15:00	11.388,88	6.699,93	18.766,66
15.05.2019	14:30:00	9.900,46	6.834,36	18.663,05
15.05.2019	14:45:00	10.084,59	7.507,12	19.177,08
15.05.2019	15:00:00	10.713,85	7.943,96	19.391,04
15.05.2019	15:15:00	10.530,08	7.951,88	19.153,54
15.05.2019	15:30:00	11.002,94	8.676,86	19.834,49
15.05.2019	15:45:00	10.673,86	8.424,41	19.445,15
15.05.2019	16:00:00	11.126,26	7.803,79	18.722,30
15.05.2019	16:15:00	11.140,86	8.176,36	18.779,00
15.05.2019	16:30:00	11.391,40	8.253,64	18.392,26
15.05.2019	16:45:00	11.162,83	9.328,48	19.240,51
15.05.2019	17:00:00	10.825,97	8.396,68	18.372,58
15.05.2019	17:15:00	11.274,00	9.366,34	19.228,97
15.05.2019	17:30:00	11.375,54	9.712,89	19.323,69
15.05.2019	17:45:00	11.717,23	10.013,00	19.619,73
15.05.2019	18:00:00	11.717,70	10.039,40	19.455,78
15.05.2019	18:15:00	11.928,89	10.270,38	19.347,04
15.05.2019	18:30:00	11.986,02	10.348,08	19.235,99
15.05.2019	18:45:00	12.001,20	10.527,86	19.174,20
15.05.2019	19:00:00	11.675,10	10.358,25	18.622,27
15.05.2019	19:15:00	12.525,60	10.473,34	18.621,93
15.05.2019	19:30:00	12.156,18	10.886,66	18.875,10
15.05.2019	19:45:00	12.089,17	10.809,36	18.710,30
15.05.2019	20:00:00	12.139,83	10.967,00	18.826,13
15.05.2019	20:15:00	12.117,76	11.271,09	19.012,02
15.05.2019	20:30:00	12.099,62	11.481,02	19.075,42
15.05.2019	20:45:00	12.143,40	11.600,77	19.322,44
15.05.2019	21:00:00	11.940,34	11.486,07	19.158,10
15.05.2019	21:15:00	11.682,98	11.246,20	18.888,22
15.05.2019	21:30:00	12.695,53	12.275,64	19.799,72
15.05.2019	21:45:00	12.639,88	12.214,64	19.572,39
15.05.2019	22:00:00	12.196,79	11.758,13	18.740,34
15.05.2019	22:15:00	11.821,59	11.377,35	18.227,86
15.05.2019	22:30:00	11.457,31	11.012,98	17.554,15
15.05.2019	22:45:00	11.459,80	11.183,37	17.383,21
15.05.2019	23:00:00	11.147,56	10.902,96	16.941,66
15.05.2019	23:15:00	10.343,76	10.086,09	15.895,56
15.05.2019	23:30:00	9.929,50	9.645,76	15.327,74
15.05.2019	23:45:00	9.318,22	8.998,12	14.637,49
16.05.2019	00:00:00	8.938,32	8.622,39	14.155,86
16.05.2019	00:15:00	8.523,84	8.223,16	13.687,11
16.05.2019	00:30:00	8.018,43	7.704,56	13.349,83
16.05.2019	00:45:00	7.781,34	7.501,63	12.988,77
16.05.2019	01:00:00	7.421,65	6.991,46	12.356,10
16.05.2019	01:15:00	7.306,37	6.916,58	12.399,03
16.05.2019	01:30:00	7.242,92	6.862,12	12.243,13
16.05.2019	01:45:00	7.304,53	6.889,57	12.166,98
16.05.2019	02:00:00	7.066,50	6.616,84	12.099,04
16.05.2019	02:15:00	7.023,53	6.600,12	11.872,36
16.05.2019	02:30:00	6.988,14	6.590,71	11.864,51
16.05.2019	02:45:00	7.106,90	6.684,13	12.034,63
16.05.2019	03:00:00	7.197,04	6.750,75	11.993,39
16.05.2019	03:15:00	7.173,87	6.756,84	12.096,86
16.05.2019	03:30:00	7.343,53	6.947,48	12.242,11
16.05.2019	03:45:00	7.374,86	6.949,30	12.139,60
16.05.2019	04:00:00	7.667,24	7.226,71	12.317,76
16.05.2019	04:15:00	7.807,19	7.379,21	12.584,17
16.05.2019	04:30:00	7.919,57	7.493,44	12.562,42
16.05.2019	04:45:00	7.940,76	7.600,86	12.817,43
16.05.2019	05:00:00	8.132,55	7.813,88	13.345,53
16.05.2019	05:15:00	8.482,46	8.195,41	14.246,62
16.05.2019	05:30:00	8.184,06	7.910,60	14.162,36
16.05.2019	05:45:00	8.382,76	7.964,99	14.757,30
16.05.2019	06:00:00	8.650,37	8.119,23	15.450,30
16.05.2019	06:15:00	8.833,48	8.186,85	16.564,26
16.05.2019	06:30:00	8.890,15	8.137,14	17.498,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.05.2019	06:45:00	9.006,02	8.154,58	17.823,60
16.05.2019	07:00:00	9.241,79	8.399,61	18.239,59
16.05.2019	07:15:00	9.794,17	8.904,32	19.621,68
16.05.2019	07:30:00	10.010,16	9.015,35	20.302,55
16.05.2019	07:45:00	10.336,34	9.320,35	20.997,32
16.05.2019	08:00:00	10.576,83	9.421,65	21.598,30
16.05.2019	08:15:00	10.928,23	9.556,35	22.082,99
16.05.2019	08:30:00	11.142,80	9.514,95	21.995,04
16.05.2019	08:45:00	11.282,03	9.442,41	22.183,30
16.05.2019	09:00:00	11.242,58	9.407,97	22.019,20
16.05.2019	09:15:00	11.303,97	9.295,23	21.231,04
16.05.2019	09:30:00	11.438,93	9.057,93	20.928,32
16.05.2019	09:45:00	11.648,14	9.351,67	21.648,46
16.05.2019	10:00:00	11.626,46	9.063,27	21.735,25
16.05.2019	10:15:00	11.726,84	8.969,55	21.690,67
16.05.2019	10:30:00	11.783,55	9.255,78	21.746,24
16.05.2019	10:45:00	12.058,58	9.464,11	21.839,74
16.05.2019	11:00:00	11.972,28	9.279,78	21.703,32
16.05.2019	11:15:00	12.249,84	8.879,50	21.412,34
16.05.2019	11:30:00	12.058,30	8.979,97	21.514,09
16.05.2019	11:45:00	12.389,59	9.625,49	22.436,26
16.05.2019	12:00:00	12.470,86	9.789,31	22.228,60
16.05.2019	12:15:00	12.635,55	9.503,24	21.496,51
16.05.2019	12:30:00	12.453,38	9.173,54	20.812,04
16.05.2019	12:45:00	11.699,47	8.342,12	19.933,83
16.05.2019	13:00:00	11.923,98	8.363,34	20.001,54
16.05.2019	13:15:00	12.903,24	8.218,09	20.081,97
16.05.2019	13:30:00	11.210,25	8.438,16	20.989,01
16.05.2019	13:45:00	11.912,12	8.326,07	20.790,99
16.05.2019	14:00:00	11.845,79	7.663,81	20.198,26
16.05.2019	14:15:00	10.481,10	7.394,91	20.008,28
16.05.2019	14:30:00	12.059,28	8.221,52	20.572,74
16.05.2019	14:45:00	11.314,60	8.219,59	20.432,30
16.05.2019	15:00:00	11.371,27	7.875,70	19.787,54
16.05.2019	15:15:00	11.089,95	8.360,02	19.923,20
16.05.2019	15:30:00	11.358,07	8.717,48	20.028,41
16.05.2019	15:45:00	10.868,24	8.971,64	20.170,77
16.05.2019	16:00:00	10.847,99	8.522,99	19.393,46
16.05.2019	16:15:00	11.076,52	8.819,05	19.330,06
16.05.2019	16:30:00	11.055,85	9.324,24	19.685,49
16.05.2019	16:45:00	11.379,16	9.876,43	19.857,72
16.05.2019	17:00:00	11.646,00	10.093,87	20.021,25
16.05.2019	17:15:00	11.831,10	10.486,87	20.118,22
16.05.2019	17:30:00	11.771,11	10.338,96	19.581,56
16.05.2019	17:45:00	11.952,99	10.526,39	19.685,93
16.05.2019	18:00:00	12.113,23	11.001,65	19.961,77
16.05.2019	18:15:00	12.322,02	11.367,46	20.087,83
16.05.2019	18:30:00	12.384,66	11.422,55	19.820,98
16.05.2019	18:45:00	12.334,95	11.518,04	19.812,48
16.05.2019	19:00:00	12.312,44	11.627,06	19.801,36
16.05.2019	19:15:00	12.382,11	11.757,06	19.914,70
16.05.2019	19:30:00	12.511,97	11.903,76	20.088,56
16.05.2019	19:45:00	12.590,44	12.003,61	20.093,89
16.05.2019	20:00:00	12.478,92	11.938,44	20.031,40
16.05.2019	20:15:00	12.629,48	12.141,35	20.016,02
16.05.2019	20:30:00	12.650,81	12.250,33	19.950,57
16.05.2019	20:45:00	12.516,60	12.167,10	19.907,55
16.05.2019	21:00:00	12.505,18	12.158,29	19.865,02
16.05.2019	21:15:00	12.488,99	12.142,19	19.891,16
16.05.2019	21:30:00	12.927,66	12.583,64	20.358,12
16.05.2019	21:45:00	12.533,19	12.196,92	19.717,96
16.05.2019	22:00:00	12.252,52	11.902,33	19.011,70
16.05.2019	22:15:00	11.909,65	11.555,40	18.620,86
16.05.2019	22:30:00	11.490,39	11.129,00	17.769,82
16.05.2019	22:45:00	11.299,64	10.940,13	17.374,84
16.05.2019	23:00:00	10.940,79	10.568,52	16.933,41
16.05.2019	23:15:00	10.043,15	9.634,97	15.876,23
16.05.2019	23:30:00	9.573,19	9.158,46	15.198,49
16.05.2019	23:45:00	8.888,24	8.457,09	14.506,35
17.05.2019	00:00:00	8.554,93	8.158,63	14.122,14
17.05.2019	00:15:00	8.021,50	7.621,81	13.498,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.05.2019	00:30:00	7.868,69	7.470,73	13.410,68
17.05.2019	00:45:00	7.553,55	7.164,71	12.881,60
17.05.2019	01:00:00	7.324,22	6.934,41	12.405,32
17.05.2019	01:15:00	7.177,41	6.774,18	12.202,61
17.05.2019	01:30:00	7.091,55	6.636,07	12.167,43
17.05.2019	01:45:00	7.111,30	6.646,30	12.004,11
17.05.2019	02:00:00	7.076,02	6.525,36	11.887,25
17.05.2019	02:15:00	7.027,55	6.457,67	11.877,67
17.05.2019	02:30:00	6.960,24	6.390,36	11.846,03
17.05.2019	02:45:00	7.048,04	6.507,79	12.057,60
17.05.2019	03:00:00	7.037,37	6.551,99	12.006,00
17.05.2019	03:15:00	7.197,21	6.652,11	11.934,28
17.05.2019	03:30:00	7.201,98	6.674,43	12.030,68
17.05.2019	03:45:00	7.201,94	6.638,01	11.900,62
17.05.2019	04:00:00	7.228,01	6.701,94	11.744,77
17.05.2019	04:15:00	7.373,20	6.817,69	12.046,20
17.05.2019	04:30:00	7.545,84	7.006,86	12.269,27
17.05.2019	04:45:00	7.618,82	7.091,53	12.585,51
17.05.2019	05:00:00	7.842,92	7.363,22	13.095,32
17.05.2019	05:15:00	8.130,65	7.675,98	13.895,54
17.05.2019	05:30:00	7.973,91	7.530,98	14.052,98
17.05.2019	05:45:00	8.234,75	7.818,96	14.717,60
17.05.2019	06:00:00	8.527,63	8.189,32	15.762,72
17.05.2019	06:15:00	8.852,67	8.463,87	16.994,56
17.05.2019	06:30:00	9.002,35	8.557,54	17.958,83
17.05.2019	06:45:00	8.894,51	8.385,97	18.341,87
17.05.2019	07:00:00	9.108,82	8.558,60	18.938,06
17.05.2019	07:15:00	9.358,95	8.778,91	19.504,99
17.05.2019	07:30:00	9.257,60	8.571,80	19.765,02
17.05.2019	07:45:00	9.198,14	8.431,74	19.782,51
17.05.2019	08:00:00	9.316,84	8.458,80	20.259,67
17.05.2019	08:15:00	9.484,81	8.440,84	20.366,10
17.05.2019	08:30:00	9.443,73	8.064,79	20.191,78
17.05.2019	08:45:00	9.677,68	7.893,51	20.009,79
17.05.2019	09:00:00	9.652,04	7.513,60	19.541,66
17.05.2019	09:15:00	9.940,34	7.441,96	18.699,07
17.05.2019	09:30:00	9.795,35	6.908,36	18.611,98
17.05.2019	09:45:00	10.159,37	6.875,88	18.758,77
17.05.2019	10:00:00	10.158,93	6.483,88	18.680,16
17.05.2019	10:15:00	10.325,02	6.346,70	18.513,12
17.05.2019	10:30:00	10.459,58	6.188,55	18.288,92
17.05.2019	10:45:00	10.670,53	6.131,14	18.399,68
17.05.2019	11:00:00	10.582,23	5.775,65	18.244,98
17.05.2019	11:15:00	10.743,45	5.675,11	17.963,00
17.05.2019	11:30:00	11.011,94	5.707,24	17.878,44
17.05.2019	11:45:00	11.365,24	5.874,81	17.951,02
17.05.2019	12:00:00	11.591,49	5.945,52	17.713,06
17.05.2019	12:15:00	11.719,07	5.918,79	17.142,71
17.05.2019	12:30:00	11.924,52	5.941,57	17.170,92
17.05.2019	12:45:00	11.714,97	5.710,12	17.078,38
17.05.2019	13:00:00	11.828,43	5.598,00	16.941,73
17.05.2019	13:15:00	11.734,64	5.570,38	16.949,80
17.05.2019	13:30:00	11.136,37	5.399,79	17.109,04
17.05.2019	13:45:00	10.855,28	5.267,79	16.988,71
17.05.2019	14:00:00	10.454,81	4.986,96	16.617,56
17.05.2019	14:15:00	9.500,00	5.453,29	16.650,74
17.05.2019	14:30:00	9.416,80	6.455,44	17.448,06
17.05.2019	14:45:00	10.995,25	7.023,79	18.047,60
17.05.2019	15:00:00	9.729,59	7.804,93	18.683,42
17.05.2019	15:15:00	11.429,29	9.192,10	19.802,68
17.05.2019	15:30:00	10.506,20	9.284,57	19.479,73
17.05.2019	15:45:00	10.878,85	7.677,78	17.408,28
17.05.2019	16:00:00	10.628,76	7.290,54	16.886,73
17.05.2019	16:15:00	10.793,02	8.446,66	17.917,70
17.05.2019	16:30:00	10.909,54	8.466,33	17.767,66
17.05.2019	16:45:00	11.036,86	7.993,72	17.082,36
17.05.2019	17:00:00	11.032,08	8.532,56	17.427,83
17.05.2019	17:15:00	11.048,75	9.379,70	17.885,07
17.05.2019	17:30:00	10.989,04	10.245,52	18.518,55
17.05.2019	17:45:00	11.512,44	10.787,47	18.981,30
17.05.2019	18:00:00	11.554,48	10.612,60	18.723,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.05.2019	18:15:00	11.322,75	10.555,79	18.295,86
17.05.2019	18:30:00	11.449,93	10.756,29	18.395,19
17.05.2019	18:45:00	11.490,67	10.903,07	18.380,80
17.05.2019	19:00:00	11.474,01	10.976,18	18.447,94
17.05.2019	19:15:00	11.759,86	11.235,20	18.843,91
17.05.2019	19:30:00	11.903,53	11.281,55	18.647,93
17.05.2019	19:45:00	11.783,87	11.153,52	18.334,70
17.05.2019	20:00:00	11.771,28	11.264,71	18.538,45
17.05.2019	20:15:00	11.704,14	11.208,28	18.230,53
17.05.2019	20:30:00	11.682,42	11.232,72	18.102,38
17.05.2019	20:45:00	11.831,17	11.408,60	18.160,92
17.05.2019	21:00:00	11.676,89	11.261,18	17.877,22
17.05.2019	21:15:00	11.993,08	11.580,62	18.057,44
17.05.2019	21:30:00	12.483,56	12.077,94	18.435,26
17.05.2019	21:45:00	12.063,47	11.650,94	17.890,50
17.05.2019	22:00:00	11.777,73	11.351,56	17.499,28
17.05.2019	22:15:00	11.626,44	11.291,49	17.373,09
17.05.2019	22:30:00	11.410,91	11.307,20	17.156,90
17.05.2019	22:45:00	11.239,56	11.137,22	16.765,28
17.05.2019	23:00:00	11.148,02	11.040,08	16.660,53
17.05.2019	23:15:00	10.643,47	10.528,12	15.959,79
17.05.2019	23:30:00	10.072,42	9.951,46	15.300,00
17.05.2019	23:45:00	9.671,26	9.547,36	14.736,73
18.05.2019	00:00:00	9.186,90	9.088,14	14.334,52
18.05.2019	00:15:00	8.670,30	8.590,45	13.630,97
18.05.2019	00:30:00	8.115,27	8.016,64	13.133,58
18.05.2019	00:45:00	7.761,66	7.609,78	12.554,29
18.05.2019	01:00:00	7.284,61	7.143,64	12.110,68
18.05.2019	01:15:00	7.183,20	7.078,64	11.956,18
18.05.2019	01:30:00	6.867,15	6.764,70	11.593,81
18.05.2019	01:45:00	6.733,92	6.638,66	11.562,98
18.05.2019	02:00:00	6.536,75	6.390,90	11.428,57
18.05.2019	02:15:00	6.521,90	6.359,23	11.374,22
18.05.2019	02:30:00	6.470,74	6.310,07	11.130,36
18.05.2019	02:45:00	6.351,42	6.186,59	11.068,12
18.05.2019	03:00:00	6.420,47	6.263,19	10.880,02
18.05.2019	03:15:00	6.296,12	6.149,44	10.634,84
18.05.2019	03:30:00	6.298,61	6.145,61	10.556,12
18.05.2019	03:45:00	6.289,12	6.133,38	10.571,38
18.05.2019	04:00:00	6.312,03	6.155,52	10.445,96
18.05.2019	04:15:00	6.359,87	6.230,45	10.675,99
18.05.2019	04:30:00	6.604,54	6.505,38	10.914,37
18.05.2019	04:45:00	6.610,43	6.362,34	10.771,93
18.05.2019	05:00:00	6.774,45	6.513,37	11.059,77
18.05.2019	05:15:00	6.831,64	6.589,13	11.376,96
18.05.2019	05:30:00	6.583,20	6.359,11	11.216,05
18.05.2019	05:45:00	6.554,11	6.332,27	11.393,85
18.05.2019	06:00:00	6.857,17	6.621,58	11.931,93
18.05.2019	06:15:00	6.982,84	6.718,15	12.116,68
18.05.2019	06:30:00	7.149,17	6.818,71	12.415,23
18.05.2019	06:45:00	7.155,72	6.679,41	12.185,73
18.05.2019	07:00:00	7.211,03	6.323,86	11.896,44
18.05.2019	07:15:00	7.661,03	6.589,78	12.249,02
18.05.2019	07:30:00	7.594,52	6.348,34	11.964,30
18.05.2019	07:45:00	7.818,14	6.505,63	12.130,27
18.05.2019	08:00:00	7.896,11	6.706,26	12.596,32
18.05.2019	08:15:00	8.365,16	7.146,22	13.014,04
18.05.2019	08:30:00	8.470,20	7.042,16	12.967,12
18.05.2019	08:45:00	8.744,80	6.915,45	12.870,85
18.05.2019	09:00:00	8.797,21	6.764,70	12.947,57
18.05.2019	09:15:00	9.525,28	7.041,16	13.057,10
18.05.2019	09:30:00	9.935,55	7.174,03	13.261,93
18.05.2019	09:45:00	9.914,65	7.036,85	13.093,94
18.05.2019	10:00:00	10.545,79	6.815,38	12.700,55
18.05.2019	10:15:00	10.303,76	6.677,15	12.543,42
18.05.2019	10:30:00	10.019,27	6.226,04	11.964,78
18.05.2019	10:45:00	9.680,62	5.963,26	11.573,52
18.05.2019	11:00:00	9.052,82	5.455,55	11.114,34
18.05.2019	11:15:00	9.792,63	5.354,11	10.933,43
18.05.2019	11:30:00	10.434,72	5.751,56	11.260,60
18.05.2019	11:45:00	10.327,97	5.650,34	11.281,85

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.05.2019	12:00:00	10.672,12	5.541,49	11.051,80
18.05.2019	12:15:00	10.757,27	5.612,31	10.963,81
18.05.2019	12:30:00	10.916,02	5.735,98	11.095,29
18.05.2019	12:45:00	10.981,67	5.471,51	10.769,91
18.05.2019	13:00:00	10.729,58	5.006,93	10.286,02
18.05.2019	13:15:00	10.518,56	5.143,19	10.470,09
18.05.2019	13:30:00	10.399,57	5.007,41	10.274,46
18.05.2019	13:45:00	10.756,35	4.819,80	9.882,71
18.05.2019	14:00:00	10.713,99	4.626,91	9.692,62
18.05.2019	14:15:00	10.674,52	4.576,48	9.604,76
18.05.2019	14:30:00	9.657,41	5.196,86	10.211,04
18.05.2019	14:45:00	9.400,15	6.752,07	11.886,82
18.05.2019	15:00:00	9.693,91	7.115,80	12.227,32
18.05.2019	15:15:00	10.459,02	8.225,75	13.447,34
18.05.2019	15:30:00	10.452,84	9.760,24	15.165,38
18.05.2019	15:45:00	10.895,30	10.287,00	15.655,99
18.05.2019	16:00:00	11.046,33	10.510,48	15.875,90
18.05.2019	16:15:00	11.207,29	10.761,60	16.265,98
18.05.2019	16:30:00	11.201,01	10.760,56	16.209,38
18.05.2019	16:45:00	11.302,07	10.803,25	16.051,47
18.05.2019	17:00:00	11.278,33	10.393,10	15.701,96
18.05.2019	17:15:00	11.348,11	10.303,46	15.522,59
18.05.2019	17:30:00	11.413,94	10.228,94	15.367,52
18.05.2019	17:45:00	11.349,02	9.985,14	15.237,03
18.05.2019	18:00:00	11.311,34	9.997,57	15.291,96
18.05.2019	18:15:00	11.311,38	10.056,33	15.132,70
18.05.2019	18:30:00	11.108,97	10.057,29	15.221,31
18.05.2019	18:45:00	11.182,31	10.291,37	15.464,41
18.05.2019	19:00:00	11.113,51	10.419,67	15.278,05
18.05.2019	19:15:00	11.235,72	10.688,28	15.517,21
18.05.2019	19:30:00	11.418,25	10.960,89	15.677,28
18.05.2019	19:45:00	11.337,11	10.932,87	15.635,24
18.05.2019	20:00:00	11.413,12	11.088,71	15.764,53
18.05.2019	20:15:00	11.483,47	11.235,33	15.816,03
18.05.2019	20:30:00	11.500,34	11.339,50	15.741,80
18.05.2019	20:45:00	11.640,89	11.512,21	16.012,36
18.05.2019	21:00:00	11.380,51	11.279,26	15.812,04
18.05.2019	21:15:00	11.333,79	11.231,40	15.615,90
18.05.2019	21:30:00	11.874,90	11.783,82	16.247,58
18.05.2019	21:45:00	11.487,52	11.445,49	15.847,16
18.05.2019	22:00:00	11.246,93	11.248,15	15.481,28
18.05.2019	22:15:00	11.404,00	11.398,89	15.628,03
18.05.2019	22:30:00	11.211,63	11.155,88	15.360,03
18.05.2019	22:45:00	11.122,35	11.007,27	15.056,20
18.05.2019	23:00:00	11.152,78	11.037,15	15.192,62
18.05.2019	23:15:00	10.777,90	10.656,31	14.712,75
18.05.2019	23:30:00	10.266,95	10.140,06	14.121,06
18.05.2019	23:45:00	9.836,69	9.654,81	13.612,23
19.05.2019	00:00:00	9.237,83	8.991,40	12.918,91
19.05.2019	00:15:00	8.608,42	8.359,75	12.196,65
19.05.2019	00:30:00	8.109,48	7.853,92	11.613,79
19.05.2019	00:45:00	7.874,99	7.614,87	11.374,21
19.05.2019	01:00:00	7.595,23	7.332,94	11.016,39
19.05.2019	01:15:00	7.340,48	7.080,24	10.892,50
19.05.2019	01:30:00	7.204,90	6.939,92	10.729,27
19.05.2019	01:45:00	6.883,99	6.624,55	10.517,20
19.05.2019	02:00:00	6.885,17	6.629,04	10.510,40
19.05.2019	02:15:00	6.689,47	6.451,79	10.404,42
19.05.2019	02:30:00	6.723,18	6.608,17	10.342,70
19.05.2019	02:45:00	6.590,23	6.485,08	10.285,78
19.05.2019	03:00:00	6.584,57	6.455,76	10.216,49
19.05.2019	03:15:00	6.406,91	6.241,64	10.004,73
19.05.2019	03:30:00	6.342,85	6.177,21	9.872,82
19.05.2019	03:45:00	6.204,59	6.036,58	9.878,11
19.05.2019	04:00:00	6.369,28	6.201,80	9.843,72
19.05.2019	04:15:00	6.366,21	6.206,71	10.014,38
19.05.2019	04:30:00	6.477,61	6.362,17	10.109,04
19.05.2019	04:45:00	6.353,49	6.243,66	9.997,05
19.05.2019	05:00:00	6.484,27	6.330,62	10.063,87
19.05.2019	05:15:00	6.547,78	6.401,23	10.166,93
19.05.2019	05:30:00	6.323,10	6.177,06	9.969,92

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.05.2019	05:45:00	6.294,17	6.147,26	9.939,33
19.05.2019	06:00:00	6.247,69	6.047,55	9.903,07
19.05.2019	06:15:00	6.292,45	6.054,04	9.751,83
19.05.2019	06:30:00	6.181,37	5.741,25	9.648,02
19.05.2019	06:45:00	6.116,60	5.507,31	9.386,56
19.05.2019	07:00:00	5.994,16	5.401,32	9.153,31
19.05.2019	07:15:00	6.416,20	5.713,56	9.504,17
19.05.2019	07:30:00	6.595,96	5.679,61	9.568,70
19.05.2019	07:45:00	7.246,78	6.493,45	10.375,20
19.05.2019	08:00:00	7.469,98	6.556,90	10.529,66
19.05.2019	08:15:00	7.846,99	6.687,90	10.588,86
19.05.2019	08:30:00	7.985,59	6.587,33	10.425,57
19.05.2019	08:45:00	8.445,94	6.674,45	10.585,16
19.05.2019	09:00:00	8.777,19	7.030,56	10.987,19
19.05.2019	09:15:00	9.125,02	7.495,33	11.479,96
19.05.2019	09:30:00	9.285,59	7.838,98	11.839,12
19.05.2019	09:45:00	9.843,55	8.255,55	12.266,77
19.05.2019	10:00:00	10.218,70	8.003,50	11.951,56
19.05.2019	10:15:00	9.985,56	7.932,33	11.942,04
19.05.2019	10:30:00	10.045,60	8.131,85	12.235,63
19.05.2019	10:45:00	10.502,42	7.748,01	11.741,30
19.05.2019	11:00:00	10.951,76	7.341,91	11.426,68
19.05.2019	11:15:00	10.899,01	7.847,41	11.900,17
19.05.2019	11:30:00	11.306,79	8.442,10	12.399,48
19.05.2019	11:45:00	12.506,65	8.247,33	12.305,75
19.05.2019	12:00:00	11.205,04	7.933,10	11.997,75
19.05.2019	12:15:00	12.382,57	8.547,38	12.553,69
19.05.2019	12:30:00	11.517,36	8.050,05	12.008,80
19.05.2019	12:45:00	11.144,00	6.823,96	10.791,91
19.05.2019	13:00:00	10.892,57	7.043,98	10.924,12
19.05.2019	13:15:00	10.327,22	6.597,78	10.658,60
19.05.2019	13:30:00	10.628,44	7.389,52	11.360,48
19.05.2019	13:45:00	10.914,80	6.892,96	10.744,00
19.05.2019	14:00:00	10.317,57	6.699,76	10.768,88
19.05.2019	14:15:00	11.078,95	5.252,81	9.373,78
19.05.2019	14:30:00	11.005,40	4.653,21	8.996,89
19.05.2019	14:45:00	11.141,88	4.902,50	9.218,46
19.05.2019	15:00:00	9.371,49	5.777,18	9.957,19
19.05.2019	15:15:00	9.185,76	6.790,81	11.109,77
19.05.2019	15:30:00	9.719,17	7.832,21	12.098,24
19.05.2019	15:45:00	9.846,07	7.804,36	12.066,74
19.05.2019	16:00:00	9.580,76	7.211,93	11.355,60
19.05.2019	16:15:00	9.360,29	6.980,47	11.230,27
19.05.2019	16:30:00	9.563,27	7.081,82	11.378,54
19.05.2019	16:45:00	9.952,24	6.974,94	11.213,00
19.05.2019	17:00:00	9.921,89	5.729,01	9.960,61
19.05.2019	17:15:00	10.019,18	5.992,61	10.243,29
19.05.2019	17:30:00	10.490,53	5.601,54	9.770,90
19.05.2019	17:45:00	10.593,60	7.531,07	11.859,12
19.05.2019	18:00:00	10.624,28	9.974,42	14.411,89
19.05.2019	18:15:00	11.594,19	11.455,92	15.898,02
19.05.2019	18:30:00	12.056,51	11.928,87	16.146,63
19.05.2019	18:45:00	11.989,65	11.844,85	16.041,46
19.05.2019	19:00:00	11.983,21	11.577,44	15.614,48
19.05.2019	19:15:00	12.048,44	11.539,43	15.682,82
19.05.2019	19:30:00	12.079,14	11.555,71	15.616,68
19.05.2019	19:45:00	11.846,90	11.289,93	15.391,40
19.05.2019	20:00:00	11.770,29	11.221,11	15.253,29
19.05.2019	20:15:00	11.767,69	11.249,32	15.346,98
19.05.2019	20:30:00	11.779,85	11.316,18	15.212,86
19.05.2019	20:45:00	11.634,79	11.207,51	15.174,58
19.05.2019	21:00:00	11.591,85	11.177,05	15.086,58
19.05.2019	21:15:00	11.444,18	11.202,90	15.049,71
19.05.2019	21:30:00	12.099,79	11.983,32	15.994,44
19.05.2019	21:45:00	11.523,32	11.407,30	15.575,87
19.05.2019	22:00:00	11.203,03	11.084,01	15.224,20
19.05.2019	22:15:00	10.926,55	10.800,77	15.125,68
19.05.2019	22:30:00	10.474,11	10.345,88	14.825,64
19.05.2019	22:45:00	10.378,40	10.256,45	14.557,74
19.05.2019	23:00:00	10.059,64	9.947,45	14.192,25
19.05.2019	23:15:00	9.576,82	9.487,08	13.727,28

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19.05.2019	23:30:00	9.147,00	9.080,37	13.236,24
19.05.2019	23:45:00	8.619,31	8.591,77	12.810,89
20.05.2019	00:00:00	8.121,78	8.074,85	12.310,50
20.05.2019	00:15:00	7.758,13	7.670,85	11.879,98
20.05.2019	00:30:00	7.182,27	7.079,07	11.427,60
20.05.2019	00:45:00	6.957,35	6.851,98	11.145,10
20.05.2019	01:00:00	6.684,22	6.570,11	10.905,00
20.05.2019	01:15:00	6.512,31	6.422,80	10.734,02
20.05.2019	01:30:00	6.316,90	6.247,38	10.700,44
20.05.2019	01:45:00	6.407,12	6.323,45	10.531,97
20.05.2019	02:00:00	6.278,83	6.186,95	10.364,07
20.05.2019	02:15:00	6.381,25	6.224,79	10.469,31
20.05.2019	02:30:00	6.297,01	6.181,03	10.376,70
20.05.2019	02:45:00	6.170,69	6.032,31	10.418,14
20.05.2019	03:00:00	6.254,54	6.056,84	10.438,51
20.05.2019	03:15:00	6.177,79	5.934,71	10.416,65
20.05.2019	03:30:00	6.166,74	5.937,43	10.463,20
20.05.2019	03:45:00	6.214,58	5.980,07	10.517,61
20.05.2019	04:00:00	6.334,19	6.087,48	10.465,94
20.05.2019	04:15:00	6.449,15	6.216,75	10.733,54
20.05.2019	04:30:00	6.702,07	6.445,85	10.912,63
20.05.2019	04:45:00	6.756,85	6.528,68	11.058,88
20.05.2019	05:00:00	6.967,96	6.715,94	11.584,56
20.05.2019	05:15:00	7.222,95	7.032,49	12.956,05
20.05.2019	05:30:00	7.397,34	7.197,28	13.412,89
20.05.2019	05:45:00	7.401,75	7.208,38	13.772,07
20.05.2019	06:00:00	7.773,05	7.685,18	14.827,92
20.05.2019	06:15:00	8.347,16	8.228,71	16.386,86
20.05.2019	06:30:00	8.541,35	8.397,54	17.477,75
20.05.2019	06:45:00	8.756,27	8.542,65	17.934,19
20.05.2019	07:00:00	9.029,51	8.855,16	18.878,92
20.05.2019	07:15:00	9.757,77	9.616,77	20.066,54
20.05.2019	07:30:00	9.813,94	9.531,00	20.315,06
20.05.2019	07:45:00	10.136,72	9.765,80	20.939,21
20.05.2019	08:00:00	10.287,94	9.546,49	21.007,68
20.05.2019	08:15:00	10.676,83	10.039,86	21.967,19
20.05.2019	08:30:00	10.679,89	10.023,30	22.266,54
20.05.2019	08:45:00	10.848,87	10.155,41	22.644,36
20.05.2019	09:00:00	10.954,94	10.328,49	22.601,90
20.05.2019	09:15:00	11.059,76	10.595,64	22.443,17
20.05.2019	09:30:00	11.444,28	11.044,92	23.188,20
20.05.2019	09:45:00	11.831,47	11.211,97	23.675,51
20.05.2019	10:00:00	12.075,35	11.465,10	24.400,72
20.05.2019	10:15:00	12.333,12	11.630,51	24.652,30
20.05.2019	10:30:00	12.341,64	11.205,84	24.158,94
20.05.2019	10:45:00	12.399,29	11.142,67	24.274,72
20.05.2019	11:00:00	12.247,85	11.765,91	25.089,32
20.05.2019	11:15:00	12.568,39	11.858,05	25.057,89
20.05.2019	11:30:00	12.897,74	11.790,84	24.929,04
20.05.2019	11:45:00	13.068,77	11.556,01	24.628,27
20.05.2019	12:00:00	13.246,75	11.608,27	24.641,10
20.05.2019	12:15:00	13.646,69	12.554,99	25.245,12
20.05.2019	12:30:00	13.587,63	12.931,90	25.257,34
20.05.2019	12:45:00	13.312,75	12.691,96	25.227,20
20.05.2019	13:00:00	13.280,54	12.314,29	25.245,72
20.05.2019	13:15:00	13.015,50	12.522,69	25.717,97
20.05.2019	13:30:00	12.916,78	12.581,96	25.704,69
20.05.2019	13:45:00	12.786,67	12.487,61	25.753,74
20.05.2019	14:00:00	12.644,34	12.086,34	25.269,91
20.05.2019	14:15:00	12.633,00	11.637,97	24.538,76
20.05.2019	14:30:00	12.388,31	11.266,50	24.121,50
20.05.2019	14:45:00	12.400,03	11.130,76	23.819,31
20.05.2019	15:00:00	12.116,27	10.848,11	23.419,76
20.05.2019	15:15:00	12.296,54	10.403,10	22.652,58
20.05.2019	15:30:00	12.258,34	11.081,26	23.206,52
20.05.2019	15:45:00	11.784,78	10.555,44	22.403,30
20.05.2019	16:00:00	11.751,15	10.377,30	21.635,66
20.05.2019	16:15:00	12.164,27	10.819,09	21.522,40
20.05.2019	16:30:00	12.143,58	10.965,92	21.526,44
20.05.2019	16:45:00	12.256,35	11.008,45	21.223,76
20.05.2019	17:00:00	12.235,82	11.080,42	20.945,03

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20.05.2019	17:15:00	12.073,52	10.702,78	20.202,56
20.05.2019	17:30:00	12.182,12	10.420,48	19.783,66
20.05.2019	17:45:00	12.426,10	11.440,56	20.843,21
20.05.2019	18:00:00	12.682,14	11.984,93	21.200,57
20.05.2019	18:15:00	12.918,04	12.307,42	21.232,11
20.05.2019	18:30:00	12.919,60	12.389,59	21.012,76
20.05.2019	18:45:00	12.725,14	12.245,34	20.753,61
20.05.2019	19:00:00	12.570,30	12.157,51	20.534,67
20.05.2019	19:15:00	12.905,34	12.613,81	20.950,56
20.05.2019	19:30:00	13.145,77	12.958,71	21.339,46
20.05.2019	19:45:00	13.038,46	12.870,29	21.233,32
20.05.2019	20:00:00	13.158,77	13.008,07	21.230,30
20.05.2019	20:15:00	13.070,34	12.923,21	20.918,11
20.05.2019	20:30:00	12.869,18	12.705,23	20.453,40
20.05.2019	20:45:00	12.781,53	12.670,23	20.350,44
20.05.2019	21:00:00	12.848,55	12.798,63	20.491,63
20.05.2019	21:15:00	12.816,69	12.770,43	20.499,00
20.05.2019	21:30:00	13.133,28	13.093,96	20.633,45
20.05.2019	21:45:00	12.671,68	12.432,85	19.875,00
20.05.2019	22:00:00	12.204,40	11.961,55	19.152,47
20.05.2019	22:15:00	11.942,84	11.694,55	18.587,31
20.05.2019	22:30:00	11.412,57	11.158,97	17.683,86
20.05.2019	22:45:00	11.061,65	10.789,92	17.045,43
20.05.2019	23:00:00	10.733,77	10.552,63	16.706,02
20.05.2019	23:15:00	10.118,68	10.017,61	15.928,78
20.05.2019	23:30:00	9.600,53	9.468,26	15.347,60
20.05.2019	23:45:00	8.952,46	8.817,74	14.538,92
21.05.2019	00:00:00	8.401,68	8.261,20	13.914,92
21.05.2019	00:15:00	7.881,11	7.739,64	13.351,39
21.05.2019	00:30:00	7.539,75	7.404,57	12.954,30
21.05.2019	00:45:00	7.129,27	7.031,24	12.527,77
21.05.2019	01:00:00	6.998,39	6.908,30	12.436,14
21.05.2019	01:15:00	6.820,49	6.743,83	12.282,01
21.05.2019	01:30:00	6.644,65	6.515,86	11.980,11
21.05.2019	01:45:00	6.617,04	6.467,74	11.767,30
21.05.2019	02:00:00	6.491,94	6.344,85	11.793,08
21.05.2019	02:15:00	6.563,71	6.450,93	11.756,28
21.05.2019	02:30:00	6.415,21	6.278,58	11.605,80
21.05.2019	02:45:00	6.391,55	6.148,67	11.467,44
21.05.2019	03:00:00	6.359,09	6.151,27	11.458,86
21.05.2019	03:15:00	6.380,79	6.172,29	11.599,61
21.05.2019	03:30:00	6.393,53	6.135,45	11.521,18
21.05.2019	03:45:00	6.549,81	6.281,93	11.590,09
21.05.2019	04:00:00	6.670,80	6.400,98	11.697,89
21.05.2019	04:15:00	6.874,28	6.605,06	11.929,03
21.05.2019	04:30:00	6.926,02	6.657,20	12.113,57
21.05.2019	04:45:00	7.112,77	6.846,19	12.366,94
21.05.2019	05:00:00	7.364,82	7.113,26	12.920,60
21.05.2019	05:15:00	7.638,19	7.413,47	13.661,82
21.05.2019	05:30:00	7.785,28	7.690,69	14.124,54
21.05.2019	05:45:00	8.183,59	8.100,47	14.937,41
21.05.2019	06:00:00	8.447,66	8.367,85	15.634,70
21.05.2019	06:15:00	8.637,46	8.574,26	17.161,68
21.05.2019	06:30:00	8.930,91	8.875,45	18.218,64
21.05.2019	06:45:00	9.103,26	9.040,52	18.948,08
21.05.2019	07:00:00	9.552,10	9.487,26	20.218,34
21.05.2019	07:15:00	9.911,41	9.832,20	20.944,27
21.05.2019	07:30:00	10.229,29	10.122,72	21.575,20
21.05.2019	07:45:00	10.625,51	10.532,40	22.292,88
21.05.2019	08:00:00	10.727,70	10.595,77	22.825,32
21.05.2019	08:15:00	11.104,85	10.917,08	23.329,47
21.05.2019	08:30:00	11.306,53	11.051,90	23.649,02
21.05.2019	08:45:00	11.569,26	11.323,61	23.964,19
21.05.2019	09:00:00	11.839,28	11.453,40	24.076,62
21.05.2019	09:15:00	11.858,54	11.436,74	23.613,89
21.05.2019	09:30:00	12.041,18	11.606,93	24.171,43
21.05.2019	09:45:00	12.237,37	11.910,10	24.809,24
21.05.2019	10:00:00	12.358,28	11.776,72	24.874,64
21.05.2019	10:15:00	12.807,24	12.036,23	25.029,14
21.05.2019	10:30:00	12.854,61	11.901,27	25.144,34
21.05.2019	10:45:00	12.960,27	11.741,55	25.068,04

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21.05.2019	11:00:00	13.088,70	11.927,27	25.408,80
21.05.2019	11:15:00	13.165,41	12.243,71	25.749,21
21.05.2019	11:30:00	13.293,10	12.554,77	25.953,60
21.05.2019	11:45:00	13.613,30	12.990,00	26.186,15
21.05.2019	12:00:00	13.772,43	13.054,37	26.331,06
21.05.2019	12:15:00	13.979,10	13.232,77	25.860,10
21.05.2019	12:30:00	14.068,54	13.319,66	25.697,75
21.05.2019	12:45:00	13.663,20	12.928,24	25.284,89
21.05.2019	13:00:00	13.348,03	12.589,14	25.184,49
21.05.2019	13:15:00	13.162,89	12.388,78	25.189,86
21.05.2019	13:30:00	13.142,67	12.352,83	25.363,18
21.05.2019	13:45:00	12.881,96	12.238,52	25.329,34
21.05.2019	14:00:00	12.962,21	12.462,09	25.826,24
21.05.2019	14:15:00	12.787,07	12.343,04	25.452,64
21.05.2019	14:30:00	12.541,60	12.096,43	25.014,34
21.05.2019	14:45:00	12.385,05	12.037,85	24.768,87
21.05.2019	15:00:00	12.360,11	11.803,09	24.436,18
21.05.2019	15:15:00	12.341,56	11.685,93	24.151,37
21.05.2019	15:30:00	12.216,39	11.558,39	23.651,48
21.05.2019	15:45:00	12.241,40	11.638,68	23.256,12
21.05.2019	16:00:00	12.162,17	11.699,32	23.094,16
21.05.2019	16:15:00	12.264,00	11.599,46	22.453,52
21.05.2019	16:30:00	12.104,67	11.233,33	21.761,68
21.05.2019	16:45:00	12.218,63	11.434,02	21.757,73
21.05.2019	17:00:00	12.209,36	11.359,83	21.225,15
21.05.2019	17:15:00	12.279,14	11.426,33	20.888,71
21.05.2019	17:30:00	12.492,16	11.575,30	20.806,74
21.05.2019	17:45:00	12.780,56	11.960,12	21.072,37
21.05.2019	18:00:00	12.916,79	12.223,23	21.267,42
21.05.2019	18:15:00	12.953,24	12.468,88	21.207,07
21.05.2019	18:30:00	13.074,05	12.583,28	21.027,48
21.05.2019	18:45:00	12.947,12	12.425,84	20.705,04
21.05.2019	19:00:00	13.053,66	12.626,03	20.735,78
21.05.2019	19:15:00	13.007,98	12.598,84	20.803,24
21.05.2019	19:30:00	13.286,51	12.973,38	21.105,22
21.05.2019	19:45:00	13.046,97	12.736,53	20.771,91
21.05.2019	20:00:00	12.933,97	12.578,95	20.584,24
21.05.2019	20:15:00	12.778,06	12.508,10	20.259,12
21.05.2019	20:30:00	12.911,85	12.661,38	20.167,82
21.05.2019	20:45:00	12.919,06	12.683,37	19.971,90
21.05.2019	21:00:00	12.638,99	12.400,79	19.654,82
21.05.2019	21:15:00	12.952,94	12.705,26	19.934,40
21.05.2019	21:30:00	13.550,01	13.299,15	20.407,46
21.05.2019	21:45:00	12.985,09	12.724,10	19.676,96
21.05.2019	22:00:00	12.531,15	12.266,97	19.128,56
21.05.2019	22:15:00	12.239,56	11.979,40	18.498,31
21.05.2019	22:30:00	11.971,43	11.717,00	17.937,94
21.05.2019	22:45:00	11.733,01	11.474,44	17.413,51
21.05.2019	23:00:00	11.531,56	11.321,43	17.116,85
21.05.2019	23:15:00	10.662,44	10.585,68	16.156,18
21.05.2019	23:30:00	9.886,16	9.803,97	15.406,99
21.05.2019	23:45:00	9.310,39	9.223,91	14.754,88
22.05.2019	00:00:00	8.683,08	8.605,00	14.153,24
22.05.2019	00:15:00	8.194,72	8.108,82	13.477,06
22.05.2019	00:30:00	7.667,96	7.578,94	13.092,96
22.05.2019	00:45:00	7.381,21	7.275,90	12.806,39
22.05.2019	01:00:00	7.012,54	6.902,89	12.377,78
22.05.2019	01:15:00	6.924,67	6.714,49	12.228,78
22.05.2019	01:30:00	6.836,59	6.643,47	12.181,91
22.05.2019	01:45:00	6.802,47	6.634,58	12.026,45
22.05.2019	02:00:00	6.627,25	6.429,54	11.634,29
22.05.2019	02:15:00	6.620,90	6.407,28	11.659,36
22.05.2019	02:30:00	6.628,53	6.415,01	11.615,56
22.05.2019	02:45:00	6.628,03	6.401,89	11.569,49
22.05.2019	03:00:00	6.702,14	6.476,02	11.647,68
22.05.2019	03:15:00	6.615,98	6.388,45	11.652,92
22.05.2019	03:30:00	6.675,46	6.447,85	11.740,30
22.05.2019	03:45:00	6.682,26	6.483,45	11.788,97
22.05.2019	04:00:00	6.760,30	6.543,08	11.791,94
22.05.2019	04:15:00	6.880,20	6.647,02	11.968,34
22.05.2019	04:30:00	6.961,73	6.853,93	12.189,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.05.2019	04:45:00	7.058,78	6.982,48	12.333,47
22.05.2019	05:00:00	7.188,30	7.110,48	12.721,04
22.05.2019	05:15:00	7.671,29	7.614,26	13.566,10
22.05.2019	05:30:00	7.828,03	7.809,77	14.138,41
22.05.2019	05:45:00	8.400,22	8.392,53	15.001,58
22.05.2019	06:00:00	8.088,54	8.074,59	15.281,79
22.05.2019	06:15:00	8.767,76	8.755,91	17.291,53
22.05.2019	06:30:00	9.000,94	8.990,79	18.461,45
22.05.2019	06:45:00	9.208,88	8.986,02	19.123,07
22.05.2019	07:00:00	9.450,23	9.201,92	19.908,35
22.05.2019	07:15:00	10.018,58	9.672,61	21.011,20
22.05.2019	07:30:00	10.217,64	9.874,54	21.216,21
22.05.2019	07:45:00	10.472,00	10.126,07	21.689,51
22.05.2019	08:00:00	10.621,01	10.082,36	21.993,81
22.05.2019	08:15:00	10.813,54	10.114,86	22.486,70
22.05.2019	08:30:00	11.028,38	9.675,88	22.119,84
22.05.2019	08:45:00	11.022,09	9.538,34	22.316,06
22.05.2019	09:00:00	10.807,87	10.119,24	22.783,20
22.05.2019	09:15:00	11.095,02	10.391,97	22.469,06
22.05.2019	09:30:00	11.349,08	9.405,31	21.322,65
22.05.2019	09:45:00	11.012,13	9.500,99	21.648,14
22.05.2019	10:00:00	11.156,89	10.174,95	22.904,88
22.05.2019	10:15:00	11.723,59	10.258,02	22.942,02
22.05.2019	10:30:00	11.884,22	10.047,57	22.825,44
22.05.2019	10:45:00	11.441,23	9.487,73	22.379,65
22.05.2019	11:00:00	11.189,99	9.062,92	21.825,61
22.05.2019	11:15:00	11.389,81	9.052,36	21.888,36
22.05.2019	11:30:00	11.866,49	7.175,85	19.558,61
22.05.2019	11:45:00	11.805,13	7.633,57	20.182,82
22.05.2019	12:00:00	12.318,11	7.489,26	19.793,95
22.05.2019	12:15:00	12.507,02	7.316,78	19.380,80
22.05.2019	12:30:00	12.883,46	6.882,75	18.409,05
22.05.2019	12:45:00	11.936,78	5.781,89	17.355,19
22.05.2019	13:00:00	11.813,60	5.838,31	17.692,15
22.05.2019	13:15:00	11.887,10	5.394,90	17.393,67
22.05.2019	13:30:00	11.470,65	5.144,74	17.275,50
22.05.2019	13:45:00	11.186,11	4.991,00	17.148,92
22.05.2019	14:00:00	11.074,67	5.129,41	17.363,28
22.05.2019	14:15:00	11.151,31	6.079,83	18.145,51
22.05.2019	14:30:00	10.740,43	5.652,98	17.483,23
22.05.2019	14:45:00	10.864,67	6.063,15	18.011,50
22.05.2019	15:00:00	10.572,16	6.425,36	18.458,52
22.05.2019	15:15:00	11.323,55	7.242,89	18.996,34
22.05.2019	15:30:00	10.716,64	8.268,29	19.881,63
22.05.2019	15:45:00	10.659,43	7.962,07	19.209,87
22.05.2019	16:00:00	10.767,84	7.811,38	18.887,23
22.05.2019	16:15:00	10.855,93	7.350,82	17.950,89
22.05.2019	16:30:00	11.492,37	7.173,12	17.578,76
22.05.2019	16:45:00	10.936,54	6.998,64	17.185,11
22.05.2019	17:00:00	11.121,68	7.840,58	17.839,03
22.05.2019	17:15:00	10.893,55	7.662,11	17.186,48
22.05.2019	17:30:00	11.237,51	7.820,62	17.305,98
22.05.2019	17:45:00	10.725,81	8.397,29	17.694,06
22.05.2019	18:00:00	11.473,07	8.843,80	18.166,46
22.05.2019	18:15:00	11.236,95	9.623,21	18.731,00
22.05.2019	18:30:00	11.942,62	9.227,61	18.037,04
22.05.2019	18:45:00	12.347,84	9.351,55	17.928,93
22.05.2019	19:00:00	11.790,63	9.795,36	18.374,04
22.05.2019	19:15:00	11.986,14	10.109,39	18.627,84
22.05.2019	19:30:00	12.156,92	10.346,18	18.920,21
22.05.2019	19:45:00	11.951,09	10.587,27	18.871,50
22.05.2019	20:00:00	11.822,27	10.917,70	19.135,98
22.05.2019	20:15:00	11.666,12	11.082,06	19.191,59
22.05.2019	20:30:00	11.652,06	11.293,37	19.357,54
22.05.2019	20:45:00	11.452,74	11.207,03	18.833,34
22.05.2019	21:00:00	11.418,63	11.265,50	18.906,74
22.05.2019	21:15:00	11.590,51	11.474,32	19.030,84
22.05.2019	21:30:00	11.849,91	11.633,80	19.031,38
22.05.2019	21:45:00	12.085,13	11.768,62	19.068,71
22.05.2019	22:00:00	11.850,53	11.532,28	18.588,54
22.05.2019	22:15:00	11.566,38	11.247,49	18.001,01

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.05.2019	22:30:00	11.168,53	10.845,08	17.377,34
22.05.2019	22:45:00	10.965,34	10.638,69	16.917,58
22.05.2019	23:00:00	10.847,58	10.518,37	16.546,86
22.05.2019	23:15:00	10.167,85	10.003,18	15.870,81
22.05.2019	23:30:00	9.674,75	9.551,39	15.258,84
22.05.2019	23:45:00	8.987,98	8.863,86	14.376,63
23.05.2019	00:00:00	8.590,30	8.459,20	13.944,66
23.05.2019	00:15:00	8.193,46	8.060,44	13.518,66
23.05.2019	00:30:00	7.846,65	7.707,27	13.158,30
23.05.2019	00:45:00	7.418,01	7.279,15	12.649,78
23.05.2019	01:00:00	7.130,42	7.022,63	12.463,39
23.05.2019	01:15:00	6.954,06	6.827,67	12.220,75
23.05.2019	01:30:00	6.783,10	6.625,34	11.952,36
23.05.2019	01:45:00	6.782,13	6.620,29	11.969,67
23.05.2019	02:00:00	6.639,19	6.479,53	11.825,50
23.05.2019	02:15:00	6.662,65	6.405,99	11.727,19
23.05.2019	02:30:00	6.537,68	6.274,64	11.487,86
23.05.2019	02:45:00	6.526,42	6.254,02	11.372,25
23.05.2019	03:00:00	6.605,05	6.328,20	11.505,37
23.05.2019	03:15:00	6.757,45	6.483,58	11.704,85
23.05.2019	03:30:00	6.701,67	6.426,92	11.588,82
23.05.2019	03:45:00	6.811,21	6.577,98	11.748,81
23.05.2019	04:00:00	6.906,46	6.678,97	11.871,29
23.05.2019	04:15:00	7.069,76	6.818,53	12.091,40
23.05.2019	04:30:00	7.189,76	6.920,09	12.245,71
23.05.2019	04:45:00	7.183,68	6.915,02	12.415,56
23.05.2019	05:00:00	7.520,25	7.257,76	12.790,93
23.05.2019	05:15:00	7.938,26	7.716,00	13.693,16
23.05.2019	05:30:00	7.613,65	7.506,74	13.831,15
23.05.2019	05:45:00	8.035,21	7.934,58	14.547,93
23.05.2019	06:00:00	8.162,72	7.996,99	15.216,28
23.05.2019	06:15:00	8.463,32	8.250,59	16.641,88
23.05.2019	06:30:00	8.680,02	8.209,62	17.482,33
23.05.2019	06:45:00	8.931,14	8.325,28	18.077,79
23.05.2019	07:00:00	9.078,40	8.375,52	18.710,40
23.05.2019	07:15:00	9.196,32	8.430,14	19.136,84
23.05.2019	07:30:00	9.028,30	8.292,24	19.366,46
23.05.2019	07:45:00	9.162,19	8.365,06	19.570,27
23.05.2019	08:00:00	9.130,13	8.184,63	19.659,51
23.05.2019	08:15:00	9.239,66	8.070,05	19.674,28
23.05.2019	08:30:00	9.155,01	7.762,08	19.472,46
23.05.2019	08:45:00	9.456,61	7.614,80	19.172,27
23.05.2019	09:00:00	9.344,52	7.034,05	18.736,29
23.05.2019	09:15:00	9.648,29	6.929,07	18.259,54
23.05.2019	09:30:00	9.812,47	6.846,14	18.157,53
23.05.2019	09:45:00	9.762,76	6.774,25	18.558,34
23.05.2019	10:00:00	9.914,43	6.626,85	18.689,52
23.05.2019	10:15:00	10.060,47	6.406,88	18.367,90
23.05.2019	10:30:00	10.113,26	6.128,99	18.352,80
23.05.2019	10:45:00	10.258,72	5.911,42	18.454,03
23.05.2019	11:00:00	10.385,49	5.899,37	18.322,01
23.05.2019	11:15:00	10.835,73	6.139,54	18.650,19
23.05.2019	11:30:00	11.065,16	6.271,55	18.806,65
23.05.2019	11:45:00	11.180,29	6.170,23	18.816,82
23.05.2019	12:00:00	11.441,33	5.863,94	18.481,06
23.05.2019	12:15:00	11.482,26	6.034,77	18.400,52
23.05.2019	12:30:00	11.730,01	6.672,27	18.469,00
23.05.2019	12:45:00	11.380,56	6.025,09	17.881,49
23.05.2019	13:00:00	11.294,30	5.432,17	17.616,83
23.05.2019	13:15:00	11.174,79	5.265,84	17.717,65
23.05.2019	13:30:00	10.745,93	4.812,23	17.350,95
23.05.2019	13:45:00	10.844,64	4.855,83	17.224,28
23.05.2019	14:00:00	10.620,28	4.679,14	17.306,34
23.05.2019	14:15:00	10.602,12	4.744,18	17.151,58
23.05.2019	14:30:00	10.510,94	4.581,40	16.906,23
23.05.2019	14:45:00	10.542,84	4.705,00	16.847,08
23.05.2019	15:00:00	10.629,35	4.789,00	16.868,16
23.05.2019	15:15:00	10.819,94	5.030,12	16.851,70
23.05.2019	15:30:00	10.745,49	5.243,34	16.546,40
23.05.2019	15:45:00	10.919,84	5.350,80	16.239,56
23.05.2019	16:00:00	10.781,76	5.303,11	16.036,46

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23.05.2019	16:15:00	11.020,84	5.647,74	15.867,08
23.05.2019	16:30:00	11.126,66	6.011,52	16.040,47
23.05.2019	16:45:00	11.261,80	6.218,89	15.803,83
23.05.2019	17:00:00	11.406,03	6.553,53	15.929,21
23.05.2019	17:15:00	11.393,02	6.927,29	15.958,46
23.05.2019	17:30:00	11.658,05	7.322,16	16.130,16
23.05.2019	17:45:00	11.803,80	7.755,85	16.346,67
23.05.2019	18:00:00	11.895,30	8.132,33	16.758,06
23.05.2019	18:15:00	12.051,78	8.650,00	17.185,67
23.05.2019	18:30:00	11.893,87	8.830,26	17.087,88
23.05.2019	18:45:00	11.918,52	9.066,14	17.063,84
23.05.2019	19:00:00	12.000,07	9.480,20	17.381,51
23.05.2019	19:15:00	11.932,48	9.814,70	17.681,80
23.05.2019	19:30:00	11.862,72	10.126,70	18.046,94
23.05.2019	19:45:00	11.660,02	10.255,04	18.028,20
23.05.2019	20:00:00	11.478,41	10.299,20	17.950,71
23.05.2019	20:15:00	11.198,10	10.297,37	17.997,36
23.05.2019	20:30:00	11.234,94	10.513,12	18.005,99
23.05.2019	20:45:00	11.105,74	10.523,22	17.801,05
23.05.2019	21:00:00	10.974,91	10.543,34	17.707,58
23.05.2019	21:15:00	11.114,82	10.717,58	17.813,74
23.05.2019	21:30:00	11.158,69	10.747,28	17.784,17
23.05.2019	21:45:00	11.332,31	10.990,60	17.828,03
23.05.2019	22:00:00	11.062,97	10.752,24	17.430,83
23.05.2019	22:15:00	10.793,15	10.476,76	16.817,88
23.05.2019	22:30:00	10.599,05	10.276,52	16.608,40
23.05.2019	22:45:00	10.329,29	10.010,35	15.967,86
23.05.2019	23:00:00	10.135,44	9.819,41	15.513,81
23.05.2019	23:15:00	9.531,48	9.214,05	14.760,09
23.05.2019	23:30:00	9.043,99	8.716,01	14.286,73
23.05.2019	23:45:00	8.477,13	8.136,54	13.604,35
24.05.2019	00:00:00	8.041,20	7.720,12	13.154,20
24.05.2019	00:15:00	7.589,79	7.274,57	12.633,15
24.05.2019	00:30:00	7.207,53	6.844,39	12.066,11
24.05.2019	00:45:00	6.956,84	6.598,42	12.063,36
24.05.2019	01:00:00	6.660,72	6.340,17	11.965,83
24.05.2019	01:15:00	6.531,02	6.223,62	11.665,08
24.05.2019	01:30:00	6.374,23	6.059,46	11.617,83
24.05.2019	01:45:00	6.461,12	6.101,99	11.679,09
24.05.2019	02:00:00	6.441,17	6.068,33	11.526,10
24.05.2019	02:15:00	6.331,32	5.958,12	11.257,86
24.05.2019	02:30:00	6.213,18	5.838,67	11.226,29
24.05.2019	02:45:00	6.283,51	5.911,71	11.288,89
24.05.2019	03:00:00	6.287,69	5.923,23	11.258,33
24.05.2019	03:15:00	6.262,74	5.944,98	11.309,20
24.05.2019	03:30:00	6.260,79	5.943,67	11.181,37
24.05.2019	03:45:00	6.250,05	5.890,47	10.996,75
24.05.2019	04:00:00	6.270,16	5.897,72	10.876,45
24.05.2019	04:15:00	6.433,74	6.063,32	11.053,74
24.05.2019	04:30:00	6.667,23	6.233,36	11.344,18
24.05.2019	04:45:00	6.714,48	6.236,09	11.532,06
24.05.2019	05:00:00	6.812,83	6.349,46	11.882,96
24.05.2019	05:15:00	7.091,64	6.662,42	12.543,38
24.05.2019	05:30:00	6.911,45	6.482,20	12.633,01
24.05.2019	05:45:00	7.286,32	6.859,99	13.233,60
24.05.2019	06:00:00	7.649,36	7.183,68	14.227,00
24.05.2019	06:15:00	7.986,47	7.473,22	15.685,94
24.05.2019	06:30:00	8.206,63	7.648,82	16.573,47
24.05.2019	06:45:00	8.213,49	7.583,70	17.141,95
24.05.2019	07:00:00	8.448,60	7.784,40	17.921,44
24.05.2019	07:15:00	8.678,41	7.927,63	18.288,20
24.05.2019	07:30:00	8.638,58	7.810,22	18.665,46
24.05.2019	07:45:00	8.898,31	8.039,86	18.912,92
24.05.2019	08:00:00	8.809,81	7.886,36	19.061,85
24.05.2019	08:15:00	8.980,57	7.910,85	19.251,70
24.05.2019	08:30:00	9.181,23	7.931,48	19.611,37
24.05.2019	08:45:00	9.109,72	7.299,17	18.688,94
24.05.2019	09:00:00	9.282,21	7.045,40	18.578,99
24.05.2019	09:15:00	9.721,81	7.067,51	17.999,30
24.05.2019	09:30:00	9.944,36	8.010,43	19.019,37
24.05.2019	09:45:00	10.024,39	6.996,77	18.508,26

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24.05.2019	10:00:00	9.938,42	6.234,66	17.856,43
24.05.2019	10:15:00	10.153,76	6.282,25	18.147,85
24.05.2019	10:30:00	10.083,78	6.540,07	18.544,65
24.05.2019	10:45:00	10.399,59	6.378,31	18.613,99
24.05.2019	11:00:00	10.369,52	5.682,94	18.128,07
24.05.2019	11:15:00	10.556,87	5.600,85	18.183,22
24.05.2019	11:30:00	10.727,12	5.605,03	18.309,81
24.05.2019	11:45:00	11.040,13	5.727,47	18.300,62
24.05.2019	12:00:00	11.063,20	5.757,04	18.157,42
24.05.2019	12:15:00	11.169,89	5.653,80	17.518,32
24.05.2019	12:30:00	11.542,59	5.716,79	17.207,95
24.05.2019	12:45:00	11.221,17	5.545,93	17.281,61
24.05.2019	13:00:00	11.064,77	5.670,91	17.410,25
24.05.2019	13:15:00	11.001,98	6.345,44	17.997,44
24.05.2019	13:30:00	11.345,62	5.810,32	17.343,38
24.05.2019	13:45:00	10.451,01	5.855,12	17.231,82
24.05.2019	14:00:00	10.572,18	5.772,26	17.123,57
24.05.2019	14:15:00	10.271,29	6.299,86	17.685,06
24.05.2019	14:30:00	10.585,23	6.386,47	17.437,01
24.05.2019	14:45:00	10.381,81	6.461,42	17.524,35
24.05.2019	15:00:00	10.293,39	6.038,51	16.717,90
24.05.2019	15:15:00	10.645,52	5.659,62	15.938,35
24.05.2019	15:30:00	10.076,76	5.890,41	16.075,11
24.05.2019	15:45:00	10.526,83	6.572,19	16.387,72
24.05.2019	16:00:00	10.449,56	7.361,59	17.170,65
24.05.2019	16:15:00	10.306,75	8.031,64	17.394,04
24.05.2019	16:30:00	10.327,43	7.686,53	16.774,70
24.05.2019	16:45:00	10.432,54	7.996,17	16.984,09
24.05.2019	17:00:00	10.501,10	7.851,74	16.572,21
24.05.2019	17:15:00	10.660,21	8.115,75	16.447,37
24.05.2019	17:30:00	10.777,64	8.205,16	16.584,84
24.05.2019	17:45:00	10.923,21	8.539,32	16.864,04
24.05.2019	18:00:00	10.933,37	8.900,99	16.986,42
24.05.2019	18:15:00	11.016,64	8.909,88	16.737,97
24.05.2019	18:30:00	10.867,71	9.106,82	16.891,82
24.05.2019	18:45:00	10.810,57	9.049,88	16.588,88
24.05.2019	19:00:00	10.785,37	9.257,02	16.675,40
24.05.2019	19:15:00	10.930,77	9.748,34	17.090,66
24.05.2019	19:30:00	10.928,66	9.829,00	17.101,66
24.05.2019	19:45:00	10.898,82	10.063,25	17.242,48
24.05.2019	20:00:00	11.040,00	10.274,40	17.413,15
24.05.2019	20:15:00	11.069,05	10.197,33	17.258,23
24.05.2019	20:30:00	10.599,27	9.972,91	16.869,69
24.05.2019	20:45:00	10.543,93	10.117,59	16.799,58
24.05.2019	21:00:00	10.417,87	10.078,56	16.542,27
24.05.2019	21:15:00	10.629,53	10.364,39	16.714,03
24.05.2019	21:30:00	10.729,13	10.471,26	16.785,00
24.05.2019	21:45:00	10.964,03	10.704,90	17.128,58
24.05.2019	22:00:00	10.857,35	10.610,59	17.036,81
24.05.2019	22:15:00	10.750,37	10.493,79	16.751,45
24.05.2019	22:30:00	10.542,35	10.276,32	16.334,81
24.05.2019	22:45:00	10.489,51	10.247,54	16.144,22
24.05.2019	23:00:00	10.198,76	9.970,85	15.528,05
24.05.2019	23:15:00	9.694,86	9.469,53	14.801,78
24.05.2019	23:30:00	9.283,93	9.017,59	14.384,04
24.05.2019	23:45:00	8.861,54	8.579,95	13.841,53
25.05.2019	00:00:00	8.330,31	8.058,20	13.182,28
25.05.2019	00:15:00	7.767,67	7.508,07	12.453,71
25.05.2019	00:30:00	7.476,26	7.214,59	12.253,30
25.05.2019	00:45:00	7.195,83	6.933,91	11.944,80
25.05.2019	01:00:00	6.921,62	6.620,63	11.758,83
25.05.2019	01:15:00	6.703,33	6.415,74	11.526,74
25.05.2019	01:30:00	6.503,56	6.217,75	11.116,05
25.05.2019	01:45:00	6.385,21	6.096,49	11.163,09
25.05.2019	02:00:00	6.207,66	5.912,92	10.972,60
25.05.2019	02:15:00	6.180,20	5.886,46	10.817,18
25.05.2019	02:30:00	6.121,44	5.863,94	10.637,58
25.05.2019	02:45:00	6.105,06	5.833,26	10.455,92
25.05.2019	03:00:00	5.949,89	5.596,10	10.325,74
25.05.2019	03:15:00	5.890,95	5.492,32	10.444,92
25.05.2019	03:30:00	5.792,60	5.389,77	10.282,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.05.2019	03:45:00	5.823,97	5.429,93	10.135,32
25.05.2019	04:00:00	5.804,62	5.407,97	10.095,41
25.05.2019	04:15:00	5.906,07	5.506,39	10.140,95
25.05.2019	04:30:00	5.962,84	5.549,40	10.158,80
25.05.2019	04:45:00	5.975,86	5.564,41	10.278,54
25.05.2019	05:00:00	5.973,64	5.530,61	10.270,55
25.05.2019	05:15:00	6.132,41	5.731,89	10.674,36
25.05.2019	05:30:00	5.944,68	5.697,64	10.706,46
25.05.2019	05:45:00	6.042,32	5.811,29	10.868,69
25.05.2019	06:00:00	6.225,93	5.945,38	11.173,74
25.05.2019	06:15:00	6.405,21	6.029,40	11.666,35
25.05.2019	06:30:00	6.612,34	6.057,22	11.603,15
25.05.2019	06:45:00	6.578,27	5.954,19	11.689,30
25.05.2019	07:00:00	6.873,19	6.173,14	12.072,09
25.05.2019	07:15:00	7.084,40	6.231,99	12.241,81
25.05.2019	07:30:00	7.230,89	6.026,04	12.094,90
25.05.2019	07:45:00	7.781,34	6.688,19	12.875,60
25.05.2019	08:00:00	8.101,12	7.122,01	13.265,14
25.05.2019	08:15:00	8.286,11	7.173,38	13.337,20
25.05.2019	08:30:00	8.376,67	7.374,01	13.532,97
25.05.2019	08:45:00	8.290,42	6.549,80	12.679,53
25.05.2019	09:00:00	8.404,28	6.278,68	12.335,36
25.05.2019	09:15:00	8.791,44	6.310,50	12.282,46
25.05.2019	09:30:00	9.010,50	6.181,16	12.091,02
25.05.2019	09:45:00	9.325,82	6.153,60	12.158,91
25.05.2019	10:00:00	9.457,02	5.976,93	11.795,91
25.05.2019	10:15:00	9.785,08	6.014,96	11.786,86
25.05.2019	10:30:00	9.937,55	5.896,39	11.516,86
25.05.2019	10:45:00	10.110,36	5.811,91	11.537,45
25.05.2019	11:00:00	10.183,87	5.669,14	11.442,58
25.05.2019	11:15:00	10.321,81	5.544,43	11.281,03
25.05.2019	11:30:00	10.488,74	5.383,35	11.093,32
25.05.2019	11:45:00	10.852,93	5.462,00	11.154,71
25.05.2019	12:00:00	11.013,79	5.190,52	10.907,50
25.05.2019	12:15:00	11.507,17	5.653,11	11.264,92
25.05.2019	12:30:00	10.950,25	7.542,35	13.031,05
25.05.2019	12:45:00	11.403,82	10.230,21	15.744,28
25.05.2019	13:00:00	11.843,47	11.157,04	16.690,08
25.05.2019	13:15:00	12.088,20	11.294,76	16.795,45
25.05.2019	13:30:00	12.109,53	10.659,45	16.077,99
25.05.2019	13:45:00	11.173,23	8.411,40	13.545,86
25.05.2019	14:00:00	10.683,92	5.345,21	10.368,70
25.05.2019	14:15:00	9.978,69	6.856,69	11.887,38
25.05.2019	14:30:00	10.497,49	7.957,37	13.051,69
25.05.2019	14:45:00	10.395,87	7.563,51	12.523,45
25.05.2019	15:00:00	10.239,18	7.546,89	12.367,60
25.05.2019	15:15:00	10.078,37	7.549,83	12.391,06
25.05.2019	15:30:00	9.544,88	5.636,68	10.356,79
25.05.2019	15:45:00	10.107,64	5.412,62	10.133,44
25.05.2019	16:00:00	10.457,33	6.052,62	10.963,11
25.05.2019	16:15:00	9.566,84	7.039,47	11.922,90
25.05.2019	16:30:00	10.768,78	5.712,27	10.524,68
25.05.2019	16:45:00	9.823,31	7.909,02	12.742,69
25.05.2019	17:00:00	9.836,66	8.347,34	13.192,98
25.05.2019	17:15:00	10.221,63	9.419,36	14.267,20
25.05.2019	17:30:00	10.852,18	10.451,85	15.376,91
25.05.2019	17:45:00	11.520,63	11.188,85	15.969,21
25.05.2019	18:00:00	11.732,38	11.335,02	16.119,84
25.05.2019	18:15:00	11.606,27	11.126,42	15.894,79
25.05.2019	18:30:00	11.719,26	11.092,72	15.859,16
25.05.2019	18:45:00	11.535,39	10.828,57	15.483,76
25.05.2019	19:00:00	11.270,87	10.608,15	15.331,28
25.05.2019	19:15:00	11.391,15	10.813,78	15.434,32
25.05.2019	19:30:00	11.461,22	10.864,13	15.364,33
25.05.2019	19:45:00	11.267,08	10.679,58	15.336,79
25.05.2019	20:00:00	11.325,37	10.711,48	15.164,92
25.05.2019	20:15:00	11.125,41	10.401,45	14.849,77
25.05.2019	20:30:00	10.924,34	10.336,18	14.777,92
25.05.2019	20:45:00	10.728,04	10.312,02	14.683,24
25.05.2019	21:00:00	10.636,91	10.355,30	14.738,13
25.05.2019	21:15:00	10.704,22	10.502,59	14.852,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.05.2019	21:30:00	10.857,51	10.608,41	14.960,08
25.05.2019	21:45:00	11.045,45	10.793,47	15.065,57
25.05.2019	22:00:00	10.972,66	10.715,50	15.078,49
25.05.2019	22:15:00	10.998,96	10.756,65	15.020,98
25.05.2019	22:30:00	10.741,51	10.497,24	14.744,48
25.05.2019	22:45:00	10.839,29	10.590,99	14.803,99
25.05.2019	23:00:00	10.627,75	10.364,78	14.720,14
25.05.2019	23:15:00	10.270,82	9.970,79	14.293,92
25.05.2019	23:30:00	9.657,52	9.284,41	13.648,29
25.05.2019	23:45:00	9.309,04	8.929,85	13.276,73
26.05.2019	00:00:00	8.759,81	8.375,68	12.668,34
26.05.2019	00:15:00	8.297,73	7.922,31	12.216,90
26.05.2019	00:30:00	7.959,27	7.582,86	11.750,29
26.05.2019	00:45:00	7.576,40	7.222,79	11.347,75
26.05.2019	01:00:00	7.433,70	7.073,13	11.215,86
26.05.2019	01:15:00	7.094,77	6.712,86	10.807,90
26.05.2019	01:30:00	7.038,95	6.625,95	10.616,73
26.05.2019	01:45:00	6.740,81	6.400,24	10.539,23
26.05.2019	02:00:00	6.676,99	6.387,70	10.510,99
26.05.2019	02:15:00	6.542,18	6.245,04	10.286,00
26.05.2019	02:30:00	6.404,03	6.095,25	10.206,92
26.05.2019	02:45:00	6.439,69	6.152,87	10.303,53
26.05.2019	03:00:00	6.531,08	6.271,99	10.365,22
26.05.2019	03:15:00	6.391,30	6.108,12	10.168,38
26.05.2019	03:30:00	6.320,31	6.022,74	10.101,19
26.05.2019	03:45:00	6.331,09	6.034,45	9.865,36
26.05.2019	04:00:00	6.258,80	5.950,28	9.705,24
26.05.2019	04:15:00	6.427,50	6.110,53	9.784,63
26.05.2019	04:30:00	6.446,56	6.132,54	9.836,73
26.05.2019	04:45:00	6.450,97	6.152,25	9.889,14
26.05.2019	05:00:00	6.451,25	6.192,05	10.029,85
26.05.2019	05:15:00	6.427,94	6.146,51	9.899,46
26.05.2019	05:30:00	5.901,67	5.578,69	9.313,43
26.05.2019	05:45:00	6.077,38	5.757,82	9.481,00
26.05.2019	06:00:00	6.042,55	5.679,21	9.446,32
26.05.2019	06:15:00	5.984,37	5.583,66	9.543,04
26.05.2019	06:30:00	6.153,80	5.695,34	9.511,01
26.05.2019	06:45:00	5.984,38	5.395,52	9.147,01
26.05.2019	07:00:00	5.832,34	4.912,73	8.694,00
26.05.2019	07:15:00	6.039,37	5.017,48	8.928,30
26.05.2019	07:30:00	6.172,18	5.027,61	8.795,21
26.05.2019	07:45:00	6.281,95	4.977,46	8.924,32
26.05.2019	08:00:00	6.393,77	5.029,62	8.998,52
26.05.2019	08:15:00	6.577,78	5.046,91	8.986,02
26.05.2019	08:30:00	6.764,83	5.103,77	9.070,89
26.05.2019	08:45:00	6.911,40	4.971,12	8.823,35
26.05.2019	09:00:00	7.127,49	4.848,14	8.752,31
26.05.2019	09:15:00	7.476,94	4.815,32	8.855,36
26.05.2019	09:30:00	7.858,56	4.831,74	8.831,88
26.05.2019	09:45:00	8.120,00	4.799,68	8.821,94
26.05.2019	10:00:00	8.320,19	4.686,59	8.788,18
26.05.2019	10:15:00	8.720,51	4.797,13	8.912,72
26.05.2019	10:30:00	8.986,47	4.809,64	8.933,65
26.05.2019	10:45:00	9.050,74	4.386,71	8.610,24
26.05.2019	11:00:00	9.261,70	4.326,49	8.493,16
26.05.2019	11:15:00	9.651,72	4.437,15	8.483,51
26.05.2019	11:30:00	9.903,71	4.398,39	8.447,04
26.05.2019	11:45:00	10.237,89	4.557,02	8.524,99
26.05.2019	12:00:00	10.320,85	4.402,63	8.483,17
26.05.2019	12:15:00	10.375,32	4.337,39	8.542,71
26.05.2019	12:30:00	10.452,68	4.456,84	8.572,73
26.05.2019	12:45:00	10.383,20	4.326,36	8.370,87
26.05.2019	13:00:00	10.086,51	3.966,19	8.159,34
26.05.2019	13:15:00	10.071,04	3.915,79	8.185,53
26.05.2019	13:30:00	9.878,32	3.857,91	8.018,34
26.05.2019	13:45:00	9.707,29	3.589,05	7.691,43
26.05.2019	14:00:00	9.501,84	3.370,76	7.485,71
26.05.2019	14:15:00	9.338,34	3.059,92	7.091,91
26.05.2019	14:30:00	9.045,72	2.790,53	6.878,66
26.05.2019	14:45:00	9.162,95	3.050,87	7.191,32
26.05.2019	15:00:00	9.109,69	2.967,25	7.087,24

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.05.2019	15:15:00	8.961,96	2.782,38	6.932,02
26.05.2019	15:30:00	8.978,79	2.819,08	6.944,84
26.05.2019	15:45:00	9.237,73	3.320,87	7.457,80
26.05.2019	16:00:00	8.118,19	3.426,58	7.614,38
26.05.2019	16:15:00	8.893,82	3.421,94	7.464,04
26.05.2019	16:30:00	8.951,84	3.533,66	7.715,00
26.05.2019	16:45:00	9.172,82	4.129,51	8.329,77
26.05.2019	17:00:00	9.667,34	4.616,76	8.826,21
26.05.2019	17:15:00	9.980,05	5.785,79	10.060,80
26.05.2019	17:30:00	9.229,24	6.034,11	10.270,62
26.05.2019	17:45:00	9.041,57	7.580,88	11.817,01
26.05.2019	18:00:00	10.123,75	7.179,85	11.357,08
26.05.2019	18:15:00	10.555,10	8.070,08	12.261,66
26.05.2019	18:30:00	10.058,50	8.374,02	12.554,71
26.05.2019	18:45:00	10.192,74	9.165,96	13.338,76
26.05.2019	19:00:00	10.142,95	9.282,63	13.471,32
26.05.2019	19:15:00	10.357,91	9.866,84	14.166,57
26.05.2019	19:30:00	10.396,04	9.957,51	14.241,20
26.05.2019	19:45:00	10.442,15	9.986,06	14.257,08
26.05.2019	20:00:00	10.485,84	10.014,78	14.221,42
26.05.2019	20:15:00	10.520,65	10.061,73	14.211,65
26.05.2019	20:30:00	10.503,22	10.091,41	14.349,16
26.05.2019	20:45:00	10.386,92	10.014,63	14.266,78
26.05.2019	21:00:00	10.208,00	9.858,73	13.999,45
26.05.2019	21:15:00	10.214,25	9.906,94	14.209,98
26.05.2019	21:30:00	10.161,82	9.887,26	14.216,44
26.05.2019	21:45:00	10.309,98	10.126,76	14.398,20
26.05.2019	22:00:00	10.075,83	9.895,10	14.281,09
26.05.2019	22:15:00	10.056,35	9.886,06	14.766,57
26.05.2019	22:30:00	9.764,39	9.576,97	14.555,73
26.05.2019	22:45:00	9.490,98	9.308,28	14.208,23
26.05.2019	23:00:00	9.284,19	9.119,09	13.994,64
26.05.2019	23:15:00	8.792,94	8.555,92	13.380,08
26.05.2019	23:30:00	8.309,37	8.031,63	12.895,36
26.05.2019	23:45:00	7.830,42	7.587,57	12.433,37
27.05.2019	00:00:00	7.390,18	7.148,16	11.937,82
27.05.2019	00:15:00	6.952,57	6.706,83	11.590,98
27.05.2019	00:30:00	6.656,94	6.442,09	11.291,64
27.05.2019	00:45:00	6.473,63	6.217,10	11.031,54
27.05.2019	01:00:00	6.309,39	6.021,34	10.935,46
27.05.2019	01:15:00	6.116,92	5.812,04	10.730,26
27.05.2019	01:30:00	5.990,41	5.698,66	10.643,93
27.05.2019	01:45:00	6.056,47	5.764,47	10.719,56
27.05.2019	02:00:00	5.943,86	5.621,36	10.572,56
27.05.2019	02:15:00	5.900,83	5.576,70	10.501,30
27.05.2019	02:30:00	5.833,09	5.519,47	10.480,83
27.05.2019	02:45:00	5.810,58	5.535,17	10.373,26
27.05.2019	03:00:00	5.699,84	5.436,15	10.276,40
27.05.2019	03:15:00	5.768,87	5.506,98	10.271,83
27.05.2019	03:30:00	5.754,06	5.481,12	10.313,72
27.05.2019	03:45:00	5.702,62	5.425,10	10.215,53
27.05.2019	04:00:00	5.737,67	5.497,81	10.282,71
27.05.2019	04:15:00	5.791,54	5.565,68	10.245,24
27.05.2019	04:30:00	6.031,95	5.796,43	10.518,32
27.05.2019	04:45:00	6.100,25	5.824,08	10.650,81
27.05.2019	05:00:00	6.435,92	6.086,40	11.010,97
27.05.2019	05:15:00	6.743,20	6.377,87	12.173,74
27.05.2019	05:30:00	6.419,78	6.036,51	12.306,46
27.05.2019	05:45:00	6.735,28	6.359,70	13.348,45
27.05.2019	06:00:00	7.203,49	6.771,10	14.123,36
27.05.2019	06:15:00	7.549,29	7.066,27	15.600,16
27.05.2019	06:30:00	7.831,22	7.297,37	16.608,12
27.05.2019	06:45:00	8.019,65	7.275,65	16.963,45
27.05.2019	07:00:00	8.344,70	7.583,25	17.805,50
27.05.2019	07:15:00	8.628,21	7.834,54	18.340,20
27.05.2019	07:30:00	8.700,39	7.892,86	18.586,72
27.05.2019	07:45:00	8.802,88	7.978,47	19.118,47
27.05.2019	08:00:00	8.904,73	8.003,74	19.473,52
27.05.2019	08:15:00	9.162,83	8.039,99	19.636,69
27.05.2019	08:30:00	9.080,13	7.735,40	19.293,66
27.05.2019	08:45:00	9.312,37	7.885,59	19.549,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.05.2019	09:00:00	9.485,86	7.700,48	19.405,96
27.05.2019	09:15:00	9.468,78	7.410,39	18.542,98
27.05.2019	09:30:00	9.398,81	7.054,14	18.251,36
27.05.2019	09:45:00	9.656,55	7.297,99	18.886,46
27.05.2019	10:00:00	10.103,41	7.170,00	19.042,16
27.05.2019	10:15:00	10.416,92	7.545,38	19.459,43
27.05.2019	10:30:00	10.347,83	7.425,99	19.366,30
27.05.2019	10:45:00	10.041,70	6.612,41	18.772,22
27.05.2019	11:00:00	10.060,89	5.187,21	17.549,70
27.05.2019	11:15:00	10.115,48	5.172,21	17.409,50
27.05.2019	11:30:00	10.492,27	5.196,52	17.379,52
27.05.2019	11:45:00	10.765,61	5.512,25	17.675,02
27.05.2019	12:00:00	11.111,49	5.962,64	17.959,98
27.05.2019	12:15:00	11.422,41	5.869,02	17.462,50
27.05.2019	12:30:00	11.695,00	6.593,36	17.883,39
27.05.2019	12:45:00	11.723,67	7.107,12	18.735,23
27.05.2019	13:00:00	12.230,07	7.943,32	19.872,18
27.05.2019	13:15:00	10.980,65	5.997,30	18.195,36
27.05.2019	13:30:00	9.588,70	5.382,24	17.905,20
27.05.2019	13:45:00	10.967,77	5.939,05	18.478,46
27.05.2019	14:00:00	10.535,14	5.256,71	17.734,95
27.05.2019	14:15:00	10.847,64	5.648,64	18.164,81
27.05.2019	14:30:00	10.404,06	5.321,10	17.538,26
27.05.2019	14:45:00	10.392,09	5.577,39	17.814,60
27.05.2019	15:00:00	10.285,64	5.758,43	17.917,07
27.05.2019	15:15:00	10.291,08	6.066,65	18.029,95
27.05.2019	15:30:00	10.906,81	6.034,24	17.710,85
27.05.2019	15:45:00	11.188,37	5.782,29	17.036,73
27.05.2019	16:00:00	11.283,34	6.081,20	17.146,00
27.05.2019	16:15:00	10.687,71	7.335,28	17.959,52
27.05.2019	16:30:00	10.453,89	7.707,51	17.989,22
27.05.2019	16:45:00	10.665,15	8.447,55	18.624,21
27.05.2019	17:00:00	10.672,05	8.358,11	18.305,51
27.05.2019	17:15:00	10.714,98	8.174,31	17.704,18
27.05.2019	17:30:00	10.700,10	8.278,83	17.792,42
27.05.2019	17:45:00	10.857,66	9.069,94	18.506,27
27.05.2019	18:00:00	10.860,04	9.789,99	19.253,05
27.05.2019	18:15:00	11.173,66	9.815,73	18.974,39
27.05.2019	18:30:00	10.986,85	9.886,07	18.752,62
27.05.2019	18:45:00	11.135,67	9.865,45	18.350,79
27.05.2019	19:00:00	10.961,80	9.888,78	18.246,20
27.05.2019	19:15:00	11.078,60	10.342,22	18.454,66
27.05.2019	19:30:00	11.136,73	10.556,30	18.649,36
27.05.2019	19:45:00	11.306,48	10.918,98	18.867,28
27.05.2019	20:00:00	11.273,72	10.963,38	18.905,26
27.05.2019	20:15:00	11.290,38	10.938,48	18.614,24
27.05.2019	20:30:00	11.146,83	10.860,16	18.373,58
27.05.2019	20:45:00	11.171,57	10.938,82	18.558,80
27.05.2019	21:00:00	10.890,50	10.671,59	18.147,97
27.05.2019	21:15:00	10.892,36	10.646,52	18.174,10
27.05.2019	21:30:00	11.158,47	10.928,53	18.446,95
27.05.2019	21:45:00	10.918,89	10.736,28	17.935,80
27.05.2019	22:00:00	10.556,43	10.318,54	17.320,08
27.05.2019	22:15:00	10.190,48	9.905,40	16.526,46
27.05.2019	22:30:00	9.742,25	9.464,00	16.116,62
27.05.2019	22:45:00	9.608,57	9.335,86	15.750,11
27.05.2019	23:00:00	9.355,73	9.069,22	15.133,24
27.05.2019	23:15:00	8.669,11	8.374,64	14.280,54
27.05.2019	23:30:00	8.199,22	7.909,04	13.855,62
27.05.2019	23:45:00	7.769,18	7.505,27	13.418,80
28.05.2019	00:00:00	7.349,91	7.080,57	12.827,83
28.05.2019	00:15:00	6.949,73	6.721,22	12.460,07
28.05.2019	00:30:00	6.551,84	6.308,97	11.904,36
28.05.2019	00:45:00	6.281,73	6.014,28	11.664,34
28.05.2019	01:00:00	6.136,58	5.868,34	11.546,32
28.05.2019	01:15:00	6.025,45	5.775,04	11.377,72
28.05.2019	01:30:00	5.887,22	5.589,34	11.152,74
28.05.2019	01:45:00	5.809,09	5.506,15	11.135,64
28.05.2019	02:00:00	5.776,41	5.472,88	11.016,14
28.05.2019	02:15:00	5.718,29	5.426,22	10.923,94
28.05.2019	02:30:00	5.764,27	5.490,55	10.897,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.05.2019	02:45:00	5.772,93	5.551,69	11.019,71
28.05.2019	03:00:00	5.700,64	5.500,85	10.851,40
28.05.2019	03:15:00	5.641,30	5.424,29	10.747,88
28.05.2019	03:30:00	5.523,76	5.277,58	10.657,11
28.05.2019	03:45:00	5.454,00	5.139,45	10.410,33
28.05.2019	04:00:00	5.523,31	5.217,36	10.497,72
28.05.2019	04:15:00	5.683,72	5.376,22	10.952,36
28.05.2019	04:30:00	5.720,27	5.319,71	10.987,27
28.05.2019	04:45:00	5.838,92	5.452,90	11.387,10
28.05.2019	05:00:00	6.053,98	5.672,76	11.972,41
28.05.2019	05:15:00	6.443,48	6.033,77	12.835,66
28.05.2019	05:30:00	6.605,93	6.211,28	13.336,17
28.05.2019	05:45:00	6.846,12	6.466,02	13.986,29
28.05.2019	06:00:00	7.103,88	6.726,18	14.869,61
28.05.2019	06:15:00	7.564,88	7.219,07	16.241,12
28.05.2019	06:30:00	8.035,68	7.674,03	17.736,03
28.05.2019	06:45:00	8.249,02	7.886,53	18.469,02
28.05.2019	07:00:00	8.776,14	8.269,25	19.413,11
28.05.2019	07:15:00	9.071,06	8.520,69	20.043,59
28.05.2019	07:30:00	9.415,05	8.777,62	20.664,05
28.05.2019	07:45:00	9.528,22	8.771,99	21.342,89
28.05.2019	08:00:00	9.986,97	9.012,72	21.951,64
28.05.2019	08:15:00	10.112,19	9.331,06	22.244,08
28.05.2019	08:30:00	10.405,80	9.598,07	22.795,70
28.05.2019	08:45:00	10.530,32	9.494,12	22.552,76
28.05.2019	09:00:00	10.868,46	9.582,05	22.388,04
28.05.2019	09:15:00	10.778,16	9.458,76	21.195,27
28.05.2019	09:30:00	11.223,73	10.433,57	22.336,66
28.05.2019	09:45:00	11.528,16	10.736,96	23.200,72
28.05.2019	10:00:00	11.577,37	11.140,63	23.973,68
28.05.2019	10:15:00	11.934,00	11.302,90	24.187,90
28.05.2019	10:30:00	12.310,99	10.657,98	23.430,40
28.05.2019	10:45:00	11.743,55	10.695,11	23.408,54
28.05.2019	11:00:00	11.897,99	9.969,48	22.851,55
28.05.2019	11:15:00	11.623,77	9.982,94	22.917,16
28.05.2019	11:30:00	12.193,49	10.705,88	23.628,38
28.05.2019	11:45:00	12.438,98	10.750,73	23.735,49
28.05.2019	12:00:00	12.630,88	10.556,45	23.209,46
28.05.2019	12:15:00	12.665,58	10.660,68	22.746,36
28.05.2019	12:30:00	12.636,77	10.557,58	22.040,41
28.05.2019	12:45:00	12.361,32	9.541,23	21.067,39
28.05.2019	13:00:00	11.746,00	8.910,39	20.590,61
28.05.2019	13:15:00	11.812,40	8.368,83	20.016,84
28.05.2019	13:30:00	11.461,57	8.140,04	20.171,41
28.05.2019	13:45:00	11.260,09	8.101,47	20.240,75
28.05.2019	14:00:00	11.298,88	7.486,15	19.785,16
28.05.2019	14:15:00	11.560,36	6.617,64	18.894,62
28.05.2019	14:30:00	10.877,69	6.282,72	18.637,38
28.05.2019	14:45:00	10.599,87	5.994,43	18.283,68
28.05.2019	15:00:00	10.489,77	6.408,45	18.669,94
28.05.2019	15:15:00	10.546,47	6.565,91	18.337,89
28.05.2019	15:30:00	10.582,40	6.956,41	18.431,70
28.05.2019	15:45:00	10.556,70	7.126,07	18.399,08
28.05.2019	16:00:00	11.047,59	6.208,18	17.068,22
28.05.2019	16:15:00	10.594,15	6.171,02	16.608,58
28.05.2019	16:30:00	11.112,70	8.620,46	19.287,53
28.05.2019	16:45:00	11.263,60	10.284,49	20.791,34
28.05.2019	17:00:00	11.685,00	9.719,20	20.066,43
28.05.2019	17:15:00	11.396,85	8.859,90	18.480,11
28.05.2019	17:30:00	11.206,29	9.221,27	18.694,40
28.05.2019	17:45:00	11.465,10	8.879,23	18.253,69
28.05.2019	18:00:00	11.909,95	8.796,12	18.006,89
28.05.2019	18:15:00	11.690,60	8.710,47	17.529,18
28.05.2019	18:30:00	11.863,39	9.322,65	17.976,33
28.05.2019	18:45:00	11.328,78	10.217,79	18.751,40
28.05.2019	19:00:00	11.277,32	10.885,76	19.357,43
28.05.2019	19:15:00	11.689,72	11.384,25	19.914,61
28.05.2019	19:30:00	11.976,47	11.592,19	20.133,37
28.05.2019	19:45:00	11.958,35	11.404,73	19.490,38
28.05.2019	20:00:00	11.818,52	11.263,43	18.924,18
28.05.2019	20:15:00	11.714,28	10.904,62	18.375,82

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.05.2019	20:30:00	11.264,97	10.394,40	17.757,10
28.05.2019	20:45:00	11.344,83	10.620,63	17.850,76
28.05.2019	21:00:00	11.286,36	10.729,59	17.822,59
28.05.2019	21:15:00	11.306,50	10.909,00	17.989,48
28.05.2019	21:30:00	11.762,08	11.416,46	18.482,98
28.05.2019	21:45:00	11.688,05	11.271,16	18.307,57
28.05.2019	22:00:00	11.573,91	11.345,60	18.233,47
28.05.2019	22:15:00	11.455,69	11.191,17	17.647,42
28.05.2019	22:30:00	11.059,44	10.767,44	16.998,19
28.05.2019	22:45:00	10.834,29	10.489,31	16.560,55
28.05.2019	23:00:00	10.240,09	9.888,27	15.770,10
28.05.2019	23:15:00	9.656,45	9.299,94	14.855,97
28.05.2019	23:30:00	8.987,95	8.635,57	14.118,44
28.05.2019	23:45:00	8.633,66	8.280,74	13.650,82
29.05.2019	00:00:00	7.910,96	7.556,15	12.992,63
29.05.2019	00:15:00	7.446,94	7.087,68	12.625,63
29.05.2019	00:30:00	7.086,63	6.839,76	12.438,54
29.05.2019	00:45:00	6.846,52	6.618,95	12.130,91
29.05.2019	01:00:00	6.660,04	6.469,81	11.842,98
29.05.2019	01:15:00	6.552,00	6.380,89	11.838,77
29.05.2019	01:30:00	6.434,17	6.307,23	11.745,98
29.05.2019	01:45:00	6.440,28	6.336,66	11.641,01
29.05.2019	02:00:00	6.416,20	6.291,74	11.569,03
29.05.2019	02:15:00	6.346,40	6.156,57	11.348,21
29.05.2019	02:30:00	6.286,73	6.095,06	11.181,72
29.05.2019	02:45:00	6.280,59	6.089,81	11.337,12
29.05.2019	03:00:00	6.360,09	6.167,01	11.371,80
29.05.2019	03:15:00	6.280,23	6.086,74	11.349,34
29.05.2019	03:30:00	6.309,29	6.112,47	11.427,17
29.05.2019	03:45:00	6.251,80	6.044,69	11.271,84
29.05.2019	04:00:00	6.422,05	6.246,78	11.388,21
29.05.2019	04:15:00	6.534,71	6.376,27	11.534,04
29.05.2019	04:30:00	6.637,86	6.473,79	11.679,42
29.05.2019	04:45:00	6.702,74	6.497,51	11.870,48
29.05.2019	05:00:00	6.835,22	6.640,12	12.313,22
29.05.2019	05:15:00	7.098,90	6.935,19	13.084,36
29.05.2019	05:30:00	7.090,69	6.947,59	13.331,25
29.05.2019	05:45:00	7.320,12	7.188,59	13.927,31
29.05.2019	06:00:00	7.487,43	7.346,49	14.728,39
29.05.2019	06:15:00	8.043,73	7.887,22	16.499,29
29.05.2019	06:30:00	8.226,25	7.681,95	17.055,35
29.05.2019	06:45:00	8.309,88	7.513,29	17.349,74
29.05.2019	07:00:00	8.768,57	7.983,33	18.365,59
29.05.2019	07:15:00	9.120,57	8.470,74	19.084,90
29.05.2019	07:30:00	9.347,06	8.685,85	19.826,16
29.05.2019	07:45:00	9.703,80	9.063,08	20.667,60
29.05.2019	08:00:00	10.121,99	9.543,12	21.560,46
29.05.2019	08:15:00	10.434,28	9.756,08	22.188,58
29.05.2019	08:30:00	10.450,53	9.762,16	22.164,70
29.05.2019	08:45:00	10.626,97	9.947,69	22.820,63
29.05.2019	09:00:00	10.812,48	10.377,77	23.148,07
29.05.2019	09:15:00	11.006,67	10.559,48	22.753,62
29.05.2019	09:30:00	11.412,58	10.523,72	22.571,02
29.05.2019	09:45:00	11.176,63	10.341,46	22.724,61
29.05.2019	10:00:00	11.341,93	9.843,54	22.367,00
29.05.2019	10:15:00	11.243,51	9.102,38	21.639,28
29.05.2019	10:30:00	11.612,58	9.288,46	21.774,79
29.05.2019	10:45:00	11.439,77	9.155,28	21.705,38
29.05.2019	11:00:00	11.219,34	8.772,76	21.440,41
29.05.2019	11:15:00	11.437,85	8.327,85	20.799,44
29.05.2019	11:30:00	11.916,76	8.652,81	20.960,66
29.05.2019	11:45:00	11.961,25	9.042,97	21.123,08
29.05.2019	12:00:00	11.809,93	8.766,48	20.652,26
29.05.2019	12:15:00	12.181,78	8.555,32	20.382,16
29.05.2019	12:30:00	12.389,86	9.365,79	21.055,35
29.05.2019	12:45:00	11.718,83	9.152,55	20.647,21
29.05.2019	13:00:00	11.585,75	8.279,56	20.035,69
29.05.2019	13:15:00	11.814,81	7.683,29	19.376,34
29.05.2019	13:30:00	11.017,07	7.783,55	19.424,14
29.05.2019	13:45:00	10.484,91	8.368,87	20.046,82
29.05.2019	14:00:00	10.255,73	7.681,07	19.362,15

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.05.2019	14:15:00	10.821,89	5.745,91	17.193,42
29.05.2019	14:30:00	10.815,44	4.501,58	15.812,57
29.05.2019	14:45:00	11.570,58	5.906,37	17.170,64
29.05.2019	15:00:00	11.409,36	7.540,76	18.706,55
29.05.2019	15:15:00	11.243,69	9.723,82	21.087,17
29.05.2019	15:30:00	11.099,01	10.452,51	21.571,76
29.05.2019	15:45:00	11.032,28	9.586,02	20.260,22
29.05.2019	16:00:00	10.739,20	8.020,37	18.214,88
29.05.2019	16:15:00	10.881,01	8.872,04	18.659,86
29.05.2019	16:30:00	11.070,42	8.972,78	18.591,72
29.05.2019	16:45:00	11.078,87	9.720,18	18.960,29
29.05.2019	17:00:00	11.315,04	9.854,24	18.985,60
29.05.2019	17:15:00	11.878,44	9.296,06	18.152,43
29.05.2019	17:30:00	11.266,46	9.945,39	18.518,74
29.05.2019	17:45:00	11.490,57	9.835,83	18.247,24
29.05.2019	18:00:00	12.287,62	9.332,19	17.574,18
29.05.2019	18:15:00	11.701,79	8.747,27	16.628,99
29.05.2019	18:30:00	12.457,55	8.789,10	16.380,83
29.05.2019	18:45:00	12.172,82	9.016,08	16.453,01
29.05.2019	19:00:00	11.967,77	9.156,89	16.441,12
29.05.2019	19:15:00	11.824,70	9.343,88	16.993,90
29.05.2019	19:30:00	11.555,90	9.695,08	17.371,52
29.05.2019	19:45:00	11.205,20	9.822,75	17.249,80
29.05.2019	20:00:00	11.000,86	10.223,13	17.732,05
29.05.2019	20:15:00	11.041,86	10.497,55	18.036,61
29.05.2019	20:30:00	11.091,28	10.549,02	18.008,62
29.05.2019	20:45:00	11.008,33	10.603,67	17.856,50
29.05.2019	21:00:00	10.763,68	10.456,38	17.673,03
29.05.2019	21:15:00	10.894,91	10.648,32	17.645,39
29.05.2019	21:30:00	11.255,54	11.038,13	17.915,01
29.05.2019	21:45:00	11.209,78	10.927,50	17.494,72
29.05.2019	22:00:00	11.350,14	10.942,36	17.337,01
29.05.2019	22:15:00	11.207,23	10.799,82	16.974,37
29.05.2019	22:30:00	11.158,55	10.750,32	16.769,37
29.05.2019	22:45:00	10.918,81	10.540,21	16.318,12
29.05.2019	23:00:00	10.687,10	10.294,01	15.990,47
29.05.2019	23:15:00	10.259,87	9.820,48	15.101,53
29.05.2019	23:30:00	9.721,08	9.303,00	14.479,90
29.05.2019	23:45:00	9.229,64	8.829,90	13.856,88
30.05.2019	00:00:00	8.624,72	8.424,28	13.404,59
30.05.2019	00:15:00	8.179,62	7.923,27	12.600,68
30.05.2019	00:30:00	7.705,33	7.344,92	11.771,06
30.05.2019	00:45:00	7.388,54	7.023,69	11.375,44
30.05.2019	01:00:00	7.168,79	6.789,46	11.101,65
30.05.2019	01:15:00	6.887,49	6.505,06	10.934,54
30.05.2019	01:30:00	6.835,01	6.449,73	10.801,73
30.05.2019	01:45:00	6.573,73	6.219,92	10.692,40
30.05.2019	02:00:00	6.624,57	6.288,46	10.505,27
30.05.2019	02:15:00	6.447,31	6.121,22	10.316,42
30.05.2019	02:30:00	6.360,10	5.984,86	10.218,81
30.05.2019	02:45:00	6.329,18	5.946,39	10.163,25
30.05.2019	03:00:00	6.446,07	6.084,41	10.199,21
30.05.2019	03:15:00	6.314,07	6.035,06	10.176,08
30.05.2019	03:30:00	6.368,72	6.089,69	10.206,22
30.05.2019	03:45:00	6.317,73	6.038,54	10.159,67
30.05.2019	04:00:00	6.365,65	6.097,94	10.060,86
30.05.2019	04:15:00	6.545,27	6.279,07	10.092,27
30.05.2019	04:30:00	6.435,52	6.156,56	9.932,37
30.05.2019	04:45:00	6.479,74	6.204,14	9.912,00
30.05.2019	05:00:00	6.569,44	6.308,68	10.034,18
30.05.2019	05:15:00	6.548,87	6.291,61	10.044,98
30.05.2019	05:30:00	6.179,59	5.940,04	9.691,17
30.05.2019	05:45:00	6.253,36	5.973,32	9.688,10
30.05.2019	06:00:00	6.212,72	5.874,43	9.618,21
30.05.2019	06:15:00	6.311,71	5.797,76	9.707,71
30.05.2019	06:30:00	6.309,79	5.642,41	9.425,26
30.05.2019	06:45:00	6.117,85	5.346,76	9.127,18
30.05.2019	07:00:00	6.171,06	5.200,36	8.985,64
30.05.2019	07:15:00	6.047,59	5.047,15	8.792,54
30.05.2019	07:30:00	6.007,34	4.978,78	8.653,64
30.05.2019	07:45:00	5.983,10	4.891,99	8.576,59

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.05.2019	08:00:00	6.256,31	4.994,07	8.692,28
30.05.2019	08:15:00	6.416,98	4.928,56	8.652,98
30.05.2019	08:30:00	6.769,18	4.860,98	8.467,68
30.05.2019	08:45:00	6.984,58	4.663,54	8.410,88
30.05.2019	09:00:00	7.547,81	4.940,18	8.687,33
30.05.2019	09:15:00	7.697,08	4.814,21	8.484,30
30.05.2019	09:30:00	8.096,23	5.156,99	8.801,31
30.05.2019	09:45:00	8.212,04	4.878,43	8.536,74
30.05.2019	10:00:00	8.394,09	4.858,29	8.562,77
30.05.2019	10:15:00	8.749,41	4.780,59	8.524,83
30.05.2019	10:30:00	8.753,16	4.601,49	8.504,57
30.05.2019	10:45:00	9.003,26	4.445,62	8.426,84
30.05.2019	11:00:00	9.012,94	4.363,92	8.355,31
30.05.2019	11:15:00	9.337,37	4.254,31	8.306,93
30.05.2019	11:30:00	9.738,53	4.163,72	8.301,95
30.05.2019	11:45:00	9.831,72	4.014,87	8.140,67
30.05.2019	12:00:00	9.848,92	3.899,73	7.869,00
30.05.2019	12:15:00	9.912,91	3.792,49	7.891,55
30.05.2019	12:30:00	10.004,98	3.780,20	7.870,39
30.05.2019	12:45:00	9.723,67	3.445,64	7.879,65
30.05.2019	13:00:00	9.438,65	3.051,89	7.453,84
30.05.2019	13:15:00	9.209,61	2.744,79	7.086,52
30.05.2019	13:30:00	9.097,47	2.644,05	6.996,80
30.05.2019	13:45:00	9.076,60	2.666,18	7.077,57
30.05.2019	14:00:00	8.826,68	2.570,63	6.989,88
30.05.2019	14:15:00	8.798,38	2.496,42	6.858,96
30.05.2019	14:30:00	8.777,45	2.456,02	6.832,50
30.05.2019	14:45:00	8.482,68	2.312,51	6.674,30
30.05.2019	15:00:00	6.721,06	2.419,13	6.756,39
30.05.2019	15:15:00	8.435,92	2.214,90	6.516,00
30.05.2019	15:30:00	8.545,58	2.481,66	6.724,29
30.05.2019	15:45:00	8.515,56	2.559,19	6.853,12
30.05.2019	16:00:00	8.262,62	2.772,23	7.116,42
30.05.2019	16:15:00	8.467,28	3.188,87	7.670,06
30.05.2019	16:30:00	7.842,19	3.992,98	8.463,24
30.05.2019	16:45:00	8.856,92	4.432,58	8.860,75
30.05.2019	17:00:00	8.257,17	6.134,96	10.582,40
30.05.2019	17:15:00	8.429,86	6.155,80	10.491,06
30.05.2019	17:30:00	8.294,41	5.879,06	10.312,26
30.05.2019	17:45:00	8.944,60	6.510,43	10.796,36
30.05.2019	18:00:00	8.869,25	7.108,14	11.192,34
30.05.2019	18:15:00	9.023,39	7.570,13	11.573,61
30.05.2019	18:30:00	9.191,16	7.858,20	11.915,08
30.05.2019	18:45:00	9.274,77	8.007,77	12.091,41
30.05.2019	19:00:00	9.370,66	8.317,21	12.385,43
30.05.2019	19:15:00	9.503,02	8.433,68	12.512,32
30.05.2019	19:30:00	9.639,89	8.749,94	12.780,78
30.05.2019	19:45:00	9.699,42	8.941,52	13.007,64
30.05.2019	20:00:00	9.623,31	8.857,45	12.915,11
30.05.2019	20:15:00	9.574,18	8.940,77	12.933,98
30.05.2019	20:30:00	9.614,89	9.059,78	13.021,60
30.05.2019	20:45:00	9.646,59	9.088,80	13.080,66
30.05.2019	21:00:00	9.575,34	9.079,18	13.147,92
30.05.2019	21:15:00	9.594,70	9.148,76	13.285,15
30.05.2019	21:30:00	9.689,91	9.267,48	13.350,64
30.05.2019	21:45:00	9.587,81	9.200,50	13.373,88
30.05.2019	22:00:00	9.645,22	9.308,05	13.568,20
30.05.2019	22:15:00	9.771,40	9.421,59	13.695,57
30.05.2019	22:30:00	9.482,87	9.142,74	13.362,49
30.05.2019	22:45:00	9.369,36	8.988,62	13.145,52
30.05.2019	23:00:00	9.218,06	8.774,40	12.974,74
30.05.2019	23:15:00	8.698,95	8.237,07	12.384,31
30.05.2019	23:30:00	8.171,30	7.703,20	11.785,08
30.05.2019	23:45:00	7.768,74	7.303,60	11.522,98
31.05.2019	00:00:00	7.341,54	6.867,55	11.083,52
31.05.2019	00:15:00	6.998,98	6.539,55	10.799,16
31.05.2019	00:30:00	6.708,49	6.270,69	10.650,72
31.05.2019	00:45:00	6.434,36	6.017,92	10.192,12
31.05.2019	01:00:00	6.223,85	5.813,48	10.141,99
31.05.2019	01:15:00	6.122,15	5.770,42	10.002,43
31.05.2019	01:30:00	5.994,62	5.644,85	9.909,83

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.05.2019	01:45:00	5.865,33	5.500,38	9.597,84
31.05.2019	02:00:00	5.731,02	5.299,96	9.371,44
31.05.2019	02:15:00	5.722,60	5.272,79	9.390,69
31.05.2019	02:30:00	5.696,14	5.239,48	9.443,70
31.05.2019	02:45:00	5.632,45	5.174,78	9.454,55
31.05.2019	03:00:00	5.584,31	5.135,75	9.326,77
31.05.2019	03:15:00	5.465,73	5.021,24	9.118,48
31.05.2019	03:30:00	5.477,39	5.031,82	9.405,88
31.05.2019	03:45:00	5.499,11	5.053,23	9.533,51
31.05.2019	04:00:00	5.484,10	5.062,16	9.575,44
31.05.2019	04:15:00	5.593,58	5.169,26	9.582,61
31.05.2019	04:30:00	5.613,65	5.187,93	9.604,69
31.05.2019	04:45:00	5.722,64	5.321,24	9.871,45
31.05.2019	05:00:00	5.775,72	5.352,79	9.994,64
31.05.2019	05:15:00	6.104,23	5.740,17	10.914,78
31.05.2019	05:30:00	5.903,24	5.572,48	10.789,60
31.05.2019	05:45:00	5.991,78	5.607,01	11.105,02
31.05.2019	06:00:00	6.144,48	5.683,68	11.393,40
31.05.2019	06:15:00	6.510,34	6.020,44	12.190,00
31.05.2019	06:30:00	6.809,92	6.282,06	12.681,75
31.05.2019	06:45:00	7.040,25	6.398,84	12.971,44
31.05.2019	07:00:00	7.395,67	6.674,89	13.495,56
31.05.2019	07:15:00	7.717,38	6.927,57	14.169,24
31.05.2019	07:30:00	8.026,44	7.170,28	14.520,76
31.05.2019	07:45:00	8.434,04	7.519,20	14.883,78
31.05.2019	08:00:00	8.710,94	7.697,33	15.052,64
31.05.2019	08:15:00	9.131,37	8.083,28	15.498,95
31.05.2019	08:30:00	9.398,24	8.205,23	15.353,05
31.05.2019	08:45:00	9.601,68	8.242,62	15.402,23
31.05.2019	09:00:00	9.763,81	8.199,20	15.200,57
31.05.2019	09:15:00	9.917,97	8.206,89	15.163,47
31.05.2019	09:30:00	10.074,63	8.141,01	15.249,93
31.05.2019	09:45:00	10.423,38	8.355,47	15.591,03
31.05.2019	10:00:00	10.471,97	8.358,74	15.915,43
31.05.2019	10:15:00	10.680,84	8.422,74	15.935,77
31.05.2019	10:30:00	10.553,01	7.977,07	15.425,50
31.05.2019	10:45:00	10.317,53	7.349,33	14.895,16
31.05.2019	11:00:00	10.488,76	7.241,00	14.861,04
31.05.2019	11:15:00	10.628,00	6.739,97	14.111,28
31.05.2019	11:30:00	10.927,14	5.717,27	12.986,75
31.05.2019	11:45:00	10.957,24	5.544,84	12.821,59
31.05.2019	12:00:00	11.049,18	5.357,47	12.387,56
31.05.2019	12:15:00	10.893,31	5.724,76	12.820,63
31.05.2019	12:30:00	11.089,59	5.400,56	12.441,93
31.05.2019	12:45:00	11.186,87	5.471,89	12.538,88
31.05.2019	13:00:00	11.274,41	5.444,76	12.556,76
31.05.2019	13:15:00	11.605,74	5.604,75	12.590,68
31.05.2019	13:30:00	11.746,82	5.430,79	12.454,28
31.05.2019	13:45:00	11.951,73	5.660,66	12.476,10
31.05.2019	14:00:00	10.792,24	5.057,37	11.805,33
31.05.2019	14:15:00	8.179,76	5.497,25	12.159,23
31.05.2019	14:30:00	9.175,74	5.232,19	11.843,45
31.05.2019	14:45:00	8.879,87	5.039,50	11.662,80
31.05.2019	15:00:00	10.110,12	4.961,26	11.434,85
31.05.2019	15:15:00	10.804,07	6.147,58	12.624,12
31.05.2019	15:30:00	10.731,76	6.601,90	13.021,34
31.05.2019	15:45:00	9.793,89	5.891,19	12.116,95
31.05.2019	16:00:00	10.031,22	4.892,44	11.052,18
31.05.2019	16:15:00	10.788,68	5.088,82	11.100,82
31.05.2019	16:30:00	10.951,45	5.409,15	11.387,30
31.05.2019	16:45:00	11.406,33	5.979,37	12.066,71
31.05.2019	17:00:00	11.401,80	6.012,17	12.252,11
31.05.2019	17:15:00	11.104,39	5.965,89	12.227,80
31.05.2019	17:30:00	11.031,29	6.191,63	12.350,10
31.05.2019	17:45:00	11.207,32	6.740,43	12.773,27
31.05.2019	18:00:00	11.273,00	7.203,01	13.324,31
31.05.2019	18:15:00	11.294,95	7.577,82	13.628,41
31.05.2019	18:30:00	11.355,78	8.051,53	13.965,46
31.05.2019	18:45:00	11.370,53	8.430,69	14.246,34
31.05.2019	19:00:00	11.265,75	8.622,15	14.411,34
31.05.2019	19:15:00	11.198,50	8.934,30	14.742,99

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.05.2019	19:30:00	10.974,92	9.108,84	14.877,98
31.05.2019	19:45:00	10.595,78	9.292,16	14.991,29
31.05.2019	20:00:00	10.622,90	9.538,39	15.321,80
31.05.2019	20:15:00	10.402,57	9.613,25	15.252,60
31.05.2019	20:30:00	10.182,84	9.716,91	15.289,35
31.05.2019	20:45:00	10.199,25	9.870,90	15.194,76
31.05.2019	21:00:00	10.025,82	9.786,62	15.154,17
31.05.2019	21:15:00	10.138,64	9.988,51	15.347,56
31.05.2019	21:30:00	10.406,48	10.286,73	15.594,50
31.05.2019	21:45:00	10.116,45	9.998,38	15.233,12
31.05.2019	22:00:00	10.325,85	10.173,76	15.508,76
31.05.2019	22:15:00	10.338,43	10.213,14	15.547,30
31.05.2019	22:30:00	10.111,22	9.949,20	15.173,51
31.05.2019	22:45:00	10.016,60	9.801,32	14.799,42
31.05.2019	23:00:00	9.822,89	9.611,12	14.250,26
31.05.2019	23:15:00	9.263,21	9.064,25	13.465,34
31.05.2019	23:30:00	8.816,73	8.577,94	12.922,64
31.05.2019	23:45:00	8.456,27	8.227,02	12.508,69
01.06.2019	00:00:00	8.001,31	7.761,37	12.021,46
01.06.2019	00:15:00	7.555,28	7.301,47	11.538,46
01.06.2019	00:30:00	7.171,24	6.927,27	11.142,06
01.06.2019	00:45:00	6.959,03	6.722,39	11.042,35
01.06.2019	01:00:00	6.728,81	6.517,70	10.889,42
01.06.2019	01:15:00	6.392,18	6.196,71	10.471,49
01.06.2019	01:30:00	6.314,01	6.168,60	10.398,86
01.06.2019	01:45:00	6.175,83	5.973,31	10.166,00
01.06.2019	02:00:00	5.972,59	5.765,83	9.823,53
01.06.2019	02:15:00	5.948,93	5.745,29	9.840,00
01.06.2019	02:30:00	5.964,56	5.767,91	9.762,49
01.06.2019	02:45:00	5.876,50	5.649,88	9.669,41
01.06.2019	03:00:00	5.866,59	5.625,52	9.692,36
01.06.2019	03:15:00	5.760,23	5.521,06	9.557,51
01.06.2019	03:30:00	5.680,73	5.435,17	9.451,22
01.06.2019	03:45:00	5.602,57	5.351,87	9.345,31
01.06.2019	04:00:00	5.597,66	5.346,62	9.308,22
01.06.2019	04:15:00	5.692,59	5.442,64	9.446,17
01.06.2019	04:30:00	5.628,26	5.401,94	9.429,26
01.06.2019	04:45:00	5.807,82	5.585,23	9.611,25
01.06.2019	05:00:00	5.697,98	5.485,27	9.635,31
01.06.2019	05:15:00	5.656,39	5.455,68	9.830,47
01.06.2019	05:30:00	5.538,84	5.302,51	9.746,81
01.06.2019	05:45:00	5.708,15	5.444,32	9.989,68
01.06.2019	06:00:00	5.803,98	5.500,72	10.080,54
01.06.2019	06:15:00	5.928,26	5.652,07	10.460,62
01.06.2019	06:30:00	6.073,49	5.568,42	10.307,45
01.06.2019	06:45:00	6.104,24	5.422,91	10.146,02
01.06.2019	07:00:00	6.174,85	5.452,90	10.315,67
01.06.2019	07:15:00	6.357,37	5.570,47	10.375,40
01.06.2019	07:30:00	6.382,06	5.468,30	10.333,05
01.06.2019	07:45:00	6.509,11	5.522,33	10.304,78
01.06.2019	08:00:00	6.630,22	5.638,95	10.629,62
01.06.2019	08:15:00	6.935,87	5.828,61	10.963,30
01.06.2019	08:30:00	7.060,56	5.630,49	10.863,47
01.06.2019	08:45:00	7.508,72	5.777,31	10.934,74
01.06.2019	09:00:00	7.793,84	5.640,64	10.838,36
01.06.2019	09:15:00	8.341,86	5.896,21	11.116,62
01.06.2019	09:30:00	8.510,52	5.739,25	10.991,70
01.06.2019	09:45:00	8.858,41	5.730,12	10.939,32
01.06.2019	10:00:00	8.998,12	5.516,74	10.535,04
01.06.2019	10:15:00	9.228,37	5.438,79	10.617,04
01.06.2019	10:30:00	9.384,97	5.240,59	10.726,24
01.06.2019	10:45:00	9.571,59	5.156,83	10.645,77
01.06.2019	11:00:00	9.662,98	4.956,46	10.433,52
01.06.2019	11:15:00	9.757,16	4.820,42	10.280,36
01.06.2019	11:30:00	10.055,31	5.049,27	10.527,65
01.06.2019	11:45:00	10.411,16	5.209,18	10.592,19
01.06.2019	12:00:00	10.455,18	5.041,37	10.465,85
01.06.2019	12:15:00	10.471,42	4.846,49	10.178,66
01.06.2019	12:30:00	10.726,34	4.931,97	10.223,38
01.06.2019	12:45:00	10.559,58	4.647,13	9.934,11
01.06.2019	13:00:00	10.393,48	4.443,42	9.786,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.06.2019	13:15:00	10.187,18	4.200,31	9.589,60
01.06.2019	13:30:00	10.292,89	4.304,90	9.614,35
01.06.2019	13:45:00	10.062,02	3.982,08	9.239,52
01.06.2019	14:00:00	9.988,47	3.873,42	9.145,81
01.06.2019	14:15:00	9.790,61	3.741,79	8.893,54
01.06.2019	14:30:00	9.646,21	3.601,82	8.690,34
01.06.2019	14:45:00	9.593,53	3.721,76	8.719,46
01.06.2019	15:00:00	9.566,84	3.600,56	8.648,34
01.06.2019	15:15:00	9.638,02	3.781,01	8.769,28
01.06.2019	15:30:00	9.651,56	3.737,07	8.683,98
01.06.2019	15:45:00	9.627,41	3.745,05	8.778,72
01.06.2019	16:00:00	9.787,08	4.040,03	9.184,67
01.06.2019	16:15:00	9.869,58	4.262,28	9.294,92
01.06.2019	16:30:00	9.895,81	4.420,59	9.472,60
01.06.2019	16:45:00	9.950,07	4.761,10	9.590,80
01.06.2019	17:00:00	9.975,69	4.954,28	9.718,07
01.06.2019	17:15:00	10.101,80	5.317,97	9.989,91
01.06.2019	17:30:00	10.118,14	5.791,42	10.505,15
01.06.2019	17:45:00	10.193,01	6.348,30	11.020,08
01.06.2019	18:00:00	10.567,69	6.575,91	11.266,06
01.06.2019	18:15:00	10.618,54	6.956,36	11.705,25
01.06.2019	18:30:00	10.626,26	7.302,62	11.968,71
01.06.2019	18:45:00	10.704,97	7.718,99	12.396,84
01.06.2019	19:00:00	10.574,28	7.962,45	12.688,33
01.06.2019	19:15:00	10.642,26	8.427,76	13.120,46
01.06.2019	19:30:00	10.418,45	8.579,59	13.186,42
01.06.2019	19:45:00	10.322,74	8.872,56	13.437,06
01.06.2019	20:00:00	10.168,75	9.062,48	13.649,09
01.06.2019	20:15:00	9.744,66	8.920,76	13.461,18
01.06.2019	20:30:00	9.682,47	9.108,67	13.524,41
01.06.2019	20:45:00	9.599,38	9.226,17	13.807,42
01.06.2019	21:00:00	9.683,54	9.421,28	13.957,49
01.06.2019	21:15:00	9.700,96	9.526,83	13.877,84
01.06.2019	21:30:00	9.556,62	9.402,42	13.680,52
01.06.2019	21:45:00	9.467,17	9.139,69	13.483,14
01.06.2019	22:00:00	9.729,17	9.437,77	13.825,32
01.06.2019	22:15:00	9.784,40	9.491,92	13.684,67
01.06.2019	22:30:00	9.664,23	9.371,51	13.566,93
01.06.2019	22:45:00	9.616,33	9.345,37	13.376,45
01.06.2019	23:00:00	9.308,53	9.095,15	13.085,50
01.06.2019	23:15:00	8.858,30	8.596,61	12.889,91
01.06.2019	23:30:00	8.519,93	8.214,11	12.556,02
01.06.2019	23:45:00	8.177,35	7.976,23	12.298,17
02.06.2019	00:00:00	7.838,28	7.641,49	11.850,94
02.06.2019	00:15:00	7.388,66	7.187,53	11.308,91
02.06.2019	00:30:00	7.176,68	6.968,92	11.058,51
02.06.2019	00:45:00	6.894,80	6.671,24	10.646,51
02.06.2019	01:00:00	6.570,11	6.296,39	10.298,29
02.06.2019	01:15:00	6.343,36	6.101,79	10.074,54
02.06.2019	01:30:00	6.222,72	6.012,29	10.026,21
02.06.2019	01:45:00	6.175,41	5.965,25	10.044,86
02.06.2019	02:00:00	6.026,26	5.823,61	9.853,27
02.06.2019	02:15:00	5.830,30	5.595,59	9.553,30
02.06.2019	02:30:00	5.779,53	5.531,15	9.464,82
02.06.2019	02:45:00	5.722,51	5.473,68	9.361,03
02.06.2019	03:00:00	5.732,18	5.508,80	9.413,35
02.06.2019	03:15:00	5.615,60	5.400,17	9.277,93
02.06.2019	03:30:00	5.480,88	5.228,94	9.111,24
02.06.2019	03:45:00	5.408,54	5.171,61	9.155,98
02.06.2019	04:00:00	5.486,23	5.257,87	9.002,85
02.06.2019	04:15:00	5.464,17	5.243,40	9.082,92
02.06.2019	04:30:00	5.458,91	5.307,88	9.112,12
02.06.2019	04:45:00	5.504,19	5.365,87	9.227,27
02.06.2019	05:00:00	5.549,43	5.412,32	9.233,12
02.06.2019	05:15:00	5.245,46	5.004,92	8.759,98
02.06.2019	05:30:00	5.156,01	4.882,05	8.426,00
02.06.2019	05:45:00	5.168,66	4.861,11	8.348,75
02.06.2019	06:00:00	5.173,31	4.819,68	8.450,90
02.06.2019	06:15:00	5.274,84	4.875,57	8.480,03
02.06.2019	06:30:00	5.251,14	4.794,14	8.458,44
02.06.2019	06:45:00	5.245,61	4.776,36	8.443,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.06.2019	07:00:00	5.097,33	4.585,94	8.208,50
02.06.2019	07:15:00	5.317,30	4.702,63	8.286,40
02.06.2019	07:30:00	5.178,53	4.513,15	8.090,92
02.06.2019	07:45:00	5.254,41	4.542,51	8.175,53
02.06.2019	08:00:00	5.404,37	4.576,85	8.113,00
02.06.2019	08:15:00	5.605,40	4.561,97	8.150,62
02.06.2019	08:30:00	5.936,25	4.521,91	8.088,11
02.06.2019	08:45:00	6.230,17	4.421,28	8.021,10
02.06.2019	09:00:00	6.544,56	4.371,79	7.986,95
02.06.2019	09:15:00	7.006,87	4.443,68	8.307,89
02.06.2019	09:30:00	7.289,20	4.363,79	8.235,85
02.06.2019	09:45:00	7.434,95	4.151,02	7.924,76
02.06.2019	10:00:00	7.679,69	4.060,76	7.891,08
02.06.2019	10:15:00	7.899,32	4.020,44	7.985,86
02.06.2019	10:30:00	8.242,89	3.993,88	7.961,40
02.06.2019	10:45:00	8.440,47	3.912,34	7.825,28
02.06.2019	11:00:00	8.774,58	3.756,60	7.743,28
02.06.2019	11:15:00	9.111,92	3.861,79	7.804,96
02.06.2019	11:30:00	9.315,44	3.847,22	7.792,35
02.06.2019	11:45:00	9.668,88	3.994,77	7.994,54
02.06.2019	12:00:00	9.667,19	3.787,18	7.816,41
02.06.2019	12:15:00	9.735,57	3.971,15	8.006,75
02.06.2019	12:30:00	9.807,14	4.020,08	7.998,80
02.06.2019	12:45:00	9.605,17	3.712,53	7.639,29
02.06.2019	13:00:00	9.493,54	3.544,85	7.575,02
02.06.2019	13:15:00	9.447,03	3.450,76	7.407,46
02.06.2019	13:30:00	9.401,65	3.369,05	7.350,21
02.06.2019	13:45:00	9.270,99	3.217,09	7.078,55
02.06.2019	14:00:00	9.023,85	2.999,03	6.890,29
02.06.2019	14:15:00	8.949,72	2.833,66	6.828,07
02.06.2019	14:30:00	9.037,69	2.855,95	6.940,58
02.06.2019	14:45:00	8.928,29	2.880,74	7.144,68
02.06.2019	15:00:00	8.670,24	2.691,00	6.972,12
02.06.2019	15:15:00	8.793,75	2.868,49	7.213,19
02.06.2019	15:30:00	8.880,86	3.032,79	7.239,38
02.06.2019	15:45:00	8.876,88	3.142,83	7.399,89
02.06.2019	16:00:00	8.855,58	3.279,70	7.492,42
02.06.2019	16:15:00	8.982,06	3.583,02	7.826,78
02.06.2019	16:30:00	9.127,16	3.831,11	7.998,63
02.06.2019	16:45:00	9.387,89	4.306,29	8.526,08
02.06.2019	17:00:00	9.432,41	4.548,49	8.736,43
02.06.2019	17:15:00	9.690,79	5.051,13	9.302,69
02.06.2019	17:30:00	9.867,04	5.418,37	9.656,16
02.06.2019	17:45:00	10.025,50	5.892,15	10.052,28
02.06.2019	18:00:00	10.214,32	6.395,96	10.614,51
02.06.2019	18:15:00	10.280,56	6.767,03	10.928,60
02.06.2019	18:30:00	10.403,11	7.189,18	11.379,39
02.06.2019	18:45:00	10.624,93	7.742,32	11.876,38
02.06.2019	19:00:00	10.450,38	7.897,05	12.020,25
02.06.2019	19:15:00	10.556,21	8.342,71	12.593,39
02.06.2019	19:30:00	10.541,20	8.718,91	12.979,50
02.06.2019	19:45:00	10.402,12	8.959,99	13.279,86
02.06.2019	20:00:00	10.199,02	9.103,82	13.371,26
02.06.2019	20:15:00	10.143,53	9.385,81	13.726,22
02.06.2019	20:30:00	10.100,05	9.609,21	13.863,94
02.06.2019	20:45:00	10.017,27	9.685,75	13.991,44
02.06.2019	21:00:00	9.876,53	9.654,05	14.005,42
02.06.2019	21:15:00	9.832,12	9.626,59	13.983,63
02.06.2019	21:30:00	9.715,04	9.528,18	13.793,06
02.06.2019	21:45:00	9.621,85	9.429,65	13.565,45
02.06.2019	22:00:00	9.745,97	9.545,64	13.690,02
02.06.2019	22:15:00	9.691,36	9.485,08	13.741,11
02.06.2019	22:30:00	9.469,73	9.261,57	13.709,26
02.06.2019	22:45:00	9.217,89	9.028,61	13.375,16
02.06.2019	23:00:00	8.884,24	8.692,31	12.995,79
02.06.2019	23:15:00	8.327,45	8.136,15	12.370,04
02.06.2019	23:30:00	7.794,91	7.631,01	11.859,60
02.06.2019	23:45:00	7.314,36	7.174,84	11.384,86
03.06.2019	00:00:00	6.968,52	6.814,25	10.989,88
03.06.2019	00:15:00	6.646,41	6.481,03	10.850,41
03.06.2019	00:30:00	6.410,36	6.243,04	10.525,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.06.2019	00:45:00	6.240,65	6.072,32	10.396,19
03.06.2019	01:00:00	5.967,89	5.814,93	10.139,23
03.06.2019	01:15:00	5.798,45	5.683,23	10.003,99
03.06.2019	01:30:00	5.759,95	5.574,94	9.810,02
03.06.2019	01:45:00	5.684,76	5.472,96	9.619,20
03.06.2019	02:00:00	5.541,33	5.245,16	9.379,64
03.06.2019	02:15:00	5.472,64	5.112,06	9.300,09
03.06.2019	02:30:00	5.476,22	5.120,20	9.302,82
03.06.2019	02:45:00	5.388,98	5.038,43	9.312,83
03.06.2019	03:00:00	5.404,51	5.069,24	9.370,60
03.06.2019	03:15:00	5.405,88	5.031,80	9.394,04
03.06.2019	03:30:00	5.346,82	4.974,81	9.267,63
03.06.2019	03:45:00	5.347,47	4.985,93	9.072,61
03.06.2019	04:00:00	5.335,11	5.022,62	9.139,66
03.06.2019	04:15:00	5.367,40	5.125,19	9.267,76
03.06.2019	04:30:00	5.543,00	5.331,27	9.575,35
03.06.2019	04:45:00	5.623,07	5.447,78	10.041,58
03.06.2019	05:00:00	5.680,81	5.475,64	10.501,08
03.06.2019	05:15:00	5.743,82	5.543,27	11.353,17
03.06.2019	05:30:00	5.809,79	5.628,91	11.708,46
03.06.2019	05:45:00	6.248,66	6.048,55	12.484,96
03.06.2019	06:00:00	6.464,68	6.192,85	13.576,18
03.06.2019	06:15:00	7.037,85	6.712,13	15.179,48
03.06.2019	06:30:00	7.345,95	6.981,41	16.064,36
03.06.2019	06:45:00	7.648,25	7.248,35	16.817,70
03.06.2019	07:00:00	7.840,96	7.328,12	17.518,88
03.06.2019	07:15:00	8.096,69	7.475,75	18.247,83
03.06.2019	07:30:00	8.069,44	7.405,49	18.517,39
03.06.2019	07:45:00	8.149,17	7.423,11	18.873,35
03.06.2019	08:00:00	8.234,64	7.395,29	19.356,20
03.06.2019	08:15:00	8.312,09	7.207,37	19.468,78
03.06.2019	08:30:00	8.377,70	6.973,56	19.490,08
03.06.2019	08:45:00	8.599,93	6.918,43	19.621,14
03.06.2019	09:00:00	8.698,79	6.756,72	19.500,92
03.06.2019	09:15:00	8.910,51	6.732,51	18.932,66
03.06.2019	09:30:00	8.999,94	6.440,41	18.841,71
03.06.2019	09:45:00	9.281,81	6.434,59	18.999,52
03.06.2019	10:00:00	9.574,54	6.337,17	18.951,62
03.06.2019	10:15:00	9.681,46	6.183,42	18.686,92
03.06.2019	10:30:00	9.837,73	6.076,56	18.577,13
03.06.2019	10:45:00	9.971,39	5.875,16	18.654,19
03.06.2019	11:00:00	10.118,56	5.700,81	18.630,74
03.06.2019	11:15:00	10.270,22	5.485,73	18.742,56
03.06.2019	11:30:00	10.596,58	5.642,47	18.612,46
03.06.2019	11:45:00	11.001,11	5.928,90	18.757,67
03.06.2019	12:00:00	11.128,40	5.903,88	18.416,47
03.06.2019	12:15:00	11.094,27	5.798,39	18.146,26
03.06.2019	12:30:00	11.231,81	5.729,03	17.520,57
03.06.2019	12:45:00	11.096,96	5.656,31	17.742,60
03.06.2019	13:00:00	10.859,41	5.340,96	17.688,96
03.06.2019	13:15:00	10.832,05	5.170,87	17.654,93
03.06.2019	13:30:00	10.685,09	5.073,31	17.773,75
03.06.2019	13:45:00	10.196,27	4.930,71	17.526,12
03.06.2019	14:00:00	10.579,46	4.728,65	17.206,57
03.06.2019	14:15:00	10.832,46	4.988,74	17.438,54
03.06.2019	14:30:00	10.972,64	5.142,11	17.261,24
03.06.2019	14:45:00	11.082,56	5.271,52	17.182,21
03.06.2019	15:00:00	10.018,47	5.079,63	16.867,34
03.06.2019	15:15:00	10.838,83	5.170,84	16.828,72
03.06.2019	15:30:00	10.921,83	5.133,92	16.565,74
03.06.2019	15:45:00	10.839,07	8.341,51	19.729,56
03.06.2019	16:00:00	10.677,85	9.381,99	20.461,90
03.06.2019	16:15:00	10.670,97	9.031,31	19.608,61
03.06.2019	16:30:00	10.796,98	9.360,44	19.462,74
03.06.2019	16:45:00	10.791,26	10.365,91	19.167,30
03.06.2019	17:00:00	10.967,44	10.696,54	19.451,84
03.06.2019	17:15:00	11.416,46	11.142,79	20.134,09
03.06.2019	17:30:00	11.498,17	11.167,30	19.905,13
03.06.2019	17:45:00	11.706,68	11.419,31	20.020,77
03.06.2019	18:00:00	11.642,12	11.236,61	19.750,62
03.06.2019	18:15:00	11.621,85	10.983,52	19.140,21

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.06.2019	18:30:00	11.606,79	10.661,68	18.793,65
03.06.2019	18:45:00	11.572,95	10.154,31	18.017,90
03.06.2019	19:00:00	11.108,44	9.753,71	17.596,27
03.06.2019	19:15:00	11.140,44	9.867,18	17.523,79
03.06.2019	19:30:00	11.195,47	9.561,91	17.095,20
03.06.2019	19:45:00	11.053,78	9.687,01	17.179,28
03.06.2019	20:00:00	10.884,41	9.941,72	17.421,07
03.06.2019	20:15:00	10.721,39	10.051,09	17.465,64
03.06.2019	20:30:00	10.471,29	10.040,58	17.292,26
03.06.2019	20:45:00	10.462,75	10.162,87	17.361,86
03.06.2019	21:00:00	10.380,27	10.143,33	17.248,65
03.06.2019	21:15:00	10.437,48	10.289,88	17.357,48
03.06.2019	21:30:00	10.518,68	10.372,14	17.413,08
03.06.2019	21:45:00	10.326,08	10.136,40	16.814,86
03.06.2019	22:00:00	10.214,10	10.006,80	16.527,88
03.06.2019	22:15:00	10.031,67	9.819,33	15.966,69
03.06.2019	22:30:00	9.610,21	9.395,78	15.101,06
03.06.2019	22:45:00	9.451,88	9.263,21	14.889,85
03.06.2019	23:00:00	9.130,01	8.963,45	14.538,18
03.06.2019	23:15:00	8.605,13	8.408,16	13.810,40
03.06.2019	23:30:00	8.051,83	7.849,44	13.093,14
03.06.2019	23:45:00	7.644,48	7.434,52	12.631,19
04.06.2019	00:00:00	7.193,25	6.992,74	12.121,35
04.06.2019	00:15:00	6.862,33	6.658,65	11.668,46
04.06.2019	00:30:00	6.538,31	6.338,70	11.317,18
04.06.2019	00:45:00	6.285,81	6.114,72	11.068,53
04.06.2019	01:00:00	6.089,69	5.868,68	10.868,13
04.06.2019	01:15:00	5.952,13	5.753,78	10.814,10
04.06.2019	01:30:00	5.798,35	5.572,22	10.606,30
04.06.2019	01:45:00	5.766,52	5.555,55	10.452,60
04.06.2019	02:00:00	5.605,26	5.417,53	10.270,79
04.06.2019	02:15:00	5.527,23	5.349,29	10.197,91
04.06.2019	02:30:00	5.526,29	5.351,39	10.124,58
04.06.2019	02:45:00	5.444,49	5.219,92	9.888,10
04.06.2019	03:00:00	5.391,98	5.092,21	9.862,36
04.06.2019	03:15:00	5.389,80	5.083,21	9.916,60
04.06.2019	03:30:00	5.357,28	5.049,63	9.771,25
04.06.2019	03:45:00	5.331,26	5.026,51	9.767,71
04.06.2019	04:00:00	5.406,03	5.120,74	9.797,16
04.06.2019	04:15:00	5.505,31	5.200,43	9.902,96
04.06.2019	04:30:00	5.565,38	5.201,44	10.313,48
04.06.2019	04:45:00	5.834,77	5.503,68	10.735,87
04.06.2019	05:00:00	5.874,87	5.652,11	10.962,99
04.06.2019	05:15:00	5.967,66	5.750,42	11.439,48
04.06.2019	05:30:00	6.083,40	5.881,24	11.837,44
04.06.2019	05:45:00	6.501,07	6.323,80	12.590,88
04.06.2019	06:00:00	6.876,37	6.636,03	13.467,28
04.06.2019	06:15:00	7.265,28	6.971,47	15.081,86
04.06.2019	06:30:00	7.648,00	7.232,02	16.246,47
04.06.2019	06:45:00	7.902,64	7.186,09	16.920,86
04.06.2019	07:00:00	8.208,44	7.379,54	17.668,93
04.06.2019	07:15:00	8.309,72	7.476,05	18.188,08
04.06.2019	07:30:00	8.459,20	7.536,16	18.824,55
04.06.2019	07:45:00	8.374,67	7.479,61	19.003,41
04.06.2019	08:00:00	8.356,64	7.338,41	19.345,22
04.06.2019	08:15:00	8.632,96	7.365,99	19.538,99
04.06.2019	08:30:00	8.707,39	7.296,89	19.664,46
04.06.2019	08:45:00	9.067,12	7.439,65	20.144,64
04.06.2019	09:00:00	9.124,29	7.192,38	19.825,90
04.06.2019	09:15:00	9.311,30	7.041,12	19.391,26
04.06.2019	09:30:00	9.436,37	6.842,66	19.341,83
04.06.2019	09:45:00	9.561,96	6.595,08	19.213,68
04.06.2019	10:00:00	9.707,99	6.461,79	19.054,49
04.06.2019	10:15:00	9.830,87	6.273,10	18.944,80
04.06.2019	10:30:00	9.870,25	6.040,18	18.669,79
04.06.2019	10:45:00	10.008,31	5.907,45	18.774,60
04.06.2019	11:00:00	10.261,58	5.965,90	18.808,66
04.06.2019	11:15:00	10.430,21	5.919,98	18.840,56
04.06.2019	11:30:00	10.657,84	6.109,79	19.138,19
04.06.2019	11:45:00	10.939,98	6.181,96	19.067,82
04.06.2019	12:00:00	11.148,48	6.175,96	18.807,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.06.2019	12:15:00	11.245,96	6.112,34	18.220,71
04.06.2019	12:30:00	11.180,84	5.975,87	17.908,88
04.06.2019	12:45:00	11.029,94	5.712,35	17.699,26
04.06.2019	13:00:00	10.838,33	5.324,59	17.428,59
04.06.2019	13:15:00	10.867,48	5.244,36	17.473,49
04.06.2019	13:30:00	10.769,61	5.133,74	17.700,36
04.06.2019	13:45:00	10.633,96	4.951,75	17.703,85
04.06.2019	14:00:00	10.535,19	4.915,42	17.902,32
04.06.2019	14:15:00	10.786,35	5.082,32	17.971,76
04.06.2019	14:30:00	10.657,44	4.998,82	17.803,36
04.06.2019	14:45:00	10.752,32	5.110,45	17.589,61
04.06.2019	15:00:00	10.759,58	5.107,90	17.257,97
04.06.2019	15:15:00	10.984,43	5.377,51	16.974,03
04.06.2019	15:30:00	10.942,34	5.418,46	16.840,92
04.06.2019	15:45:00	10.988,02	5.616,12	16.642,35
04.06.2019	16:00:00	11.048,75	5.812,50	16.622,79
04.06.2019	16:15:00	11.100,73	5.994,22	16.346,41
04.06.2019	16:30:00	11.161,67	6.221,70	16.543,98
04.06.2019	16:45:00	11.286,87	6.528,73	16.596,05
04.06.2019	17:00:00	11.251,23	6.739,78	16.596,00
04.06.2019	17:15:00	11.395,74	7.082,15	16.743,24
04.06.2019	17:30:00	11.478,69	7.483,85	16.998,41
04.06.2019	17:45:00	11.693,30	7.961,32	17.240,03
04.06.2019	18:00:00	11.721,47	8.261,87	17.364,11
04.06.2019	18:15:00	11.630,30	8.455,65	17.352,45
04.06.2019	18:30:00	11.731,13	8.817,68	17.591,53
04.06.2019	18:45:00	11.453,85	8.860,18	17.485,84
04.06.2019	19:00:00	11.341,43	9.044,45	17.694,69
04.06.2019	19:15:00	11.260,00	9.343,70	17.892,01
04.06.2019	19:30:00	11.126,76	9.561,21	18.069,72
04.06.2019	19:45:00	10.886,85	9.555,35	17.936,28
04.06.2019	20:00:00	10.755,80	9.617,17	17.989,47
04.06.2019	20:15:00	10.611,00	9.695,94	17.851,72
04.06.2019	20:30:00	10.442,51	9.766,64	17.761,08
04.06.2019	20:45:00	10.205,62	9.764,86	17.643,74
04.06.2019	21:00:00	10.017,17	9.822,33	17.649,19
04.06.2019	21:15:00	10.090,41	9.945,38	17.745,63
04.06.2019	21:30:00	10.273,12	10.131,73	17.780,20
04.06.2019	21:45:00	10.230,27	10.064,39	17.679,54
04.06.2019	22:00:00	10.296,02	10.129,28	17.413,47
04.06.2019	22:15:00	10.095,51	9.932,84	16.905,98
04.06.2019	22:30:00	9.849,64	9.711,09	16.447,69
04.06.2019	22:45:00	9.479,36	9.318,76	15.702,42
04.06.2019	23:00:00	9.083,57	8.853,47	15.082,17
04.06.2019	23:15:00	8.524,51	8.296,75	14.310,64
04.06.2019	23:30:00	7.998,13	7.764,04	13.760,65
04.06.2019	23:45:00	7.564,26	7.352,69	13.331,46
05.06.2019	00:00:00	7.194,88	7.021,24	12.917,97
05.06.2019	00:15:00	6.793,94	6.633,55	12.165,22
05.06.2019	00:30:00	6.509,72	6.346,77	11.842,00
05.06.2019	00:45:00	6.315,63	6.102,64	11.559,37
05.06.2019	01:00:00	6.136,18	5.921,06	11.452,13
05.06.2019	01:15:00	5.970,69	5.773,25	11.275,17
05.06.2019	01:30:00	5.910,64	5.722,68	11.215,84
05.06.2019	01:45:00	5.764,12	5.569,02	10.998,39
05.06.2019	02:00:00	5.627,97	5.426,55	10.868,17
05.06.2019	02:15:00	5.546,49	5.319,52	10.750,24
05.06.2019	02:30:00	5.448,02	5.262,18	10.740,44
05.06.2019	02:45:00	5.439,88	5.279,54	10.679,75
05.06.2019	03:00:00	5.415,71	5.270,54	10.659,66
05.06.2019	03:15:00	5.337,69	5.214,79	10.648,75
05.06.2019	03:30:00	5.279,64	5.122,57	10.575,00
05.06.2019	03:45:00	5.272,89	5.081,52	10.506,85
05.06.2019	04:00:00	5.297,11	5.100,50	10.370,31
05.06.2019	04:15:00	5.419,99	5.236,09	10.582,58
05.06.2019	04:30:00	5.525,44	5.346,33	10.779,44
05.06.2019	04:45:00	5.658,52	5.420,57	11.039,30
05.06.2019	05:00:00	5.762,57	5.463,23	11.390,16
05.06.2019	05:15:00	5.966,84	5.673,84	11.828,03
05.06.2019	05:30:00	5.964,38	5.692,20	12.015,86
05.06.2019	05:45:00	6.208,90	5.920,26	12.586,90

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.06.2019	06:00:00	6.563,25	6.208,00	13.395,38
05.06.2019	06:15:00	7.099,24	6.741,37	15.108,58
05.06.2019	06:30:00	7.499,18	7.114,65	16.326,86
05.06.2019	06:45:00	7.634,43	7.073,85	16.798,99
05.06.2019	07:00:00	7.832,38	7.234,23	17.597,39
05.06.2019	07:15:00	8.125,49	7.456,41	18.733,78
05.06.2019	07:30:00	8.310,26	7.531,72	19.014,67
05.06.2019	07:45:00	8.229,35	7.389,64	19.194,24
05.06.2019	08:00:00	8.397,37	7.443,30	19.780,12
05.06.2019	08:15:00	8.408,05	7.435,21	19.986,40
05.06.2019	08:30:00	8.511,72	7.282,48	20.161,65
05.06.2019	08:45:00	8.910,53	7.427,30	20.542,20
05.06.2019	09:00:00	8.882,95	7.062,94	20.086,46
05.06.2019	09:15:00	8.938,02	6.749,64	19.560,65
05.06.2019	09:30:00	9.381,85	6.804,84	19.520,13
05.06.2019	09:45:00	9.592,20	6.313,29	19.456,33
05.06.2019	10:00:00	9.746,36	6.616,52	20.008,23
05.06.2019	10:15:00	9.619,16	6.093,68	19.770,88
05.06.2019	10:30:00	9.762,94	6.132,22	19.902,90
05.06.2019	10:45:00	10.066,91	6.221,52	19.994,97
05.06.2019	11:00:00	10.548,85	5.719,68	19.492,43
05.06.2019	11:15:00	10.460,85	6.454,90	20.327,51
05.06.2019	11:30:00	10.555,13	5.793,78	19.352,24
05.06.2019	11:45:00	11.332,60	6.099,31	19.755,97
05.06.2019	12:00:00	11.945,04	6.277,33	19.456,34
05.06.2019	12:15:00	11.528,31	5.940,06	18.724,59
05.06.2019	12:30:00	11.427,77	5.897,90	18.359,62
05.06.2019	12:45:00	11.476,63	5.841,97	18.457,40
05.06.2019	13:00:00	11.197,37	5.646,49	18.326,62
05.06.2019	13:15:00	10.981,91	5.552,18	18.554,46
05.06.2019	13:30:00	10.546,53	5.172,37	18.334,06
05.06.2019	13:45:00	10.980,03	4.909,25	18.168,79
05.06.2019	14:00:00	10.691,69	4.774,06	17.837,98
05.06.2019	14:15:00	10.646,73	4.660,72	17.449,81
05.06.2019	14:30:00	10.568,16	4.686,36	17.376,80
05.06.2019	14:45:00	10.748,67	4.870,56	17.464,39
05.06.2019	15:00:00	10.742,49	5.039,41	17.307,14
05.06.2019	15:15:00	10.994,35	5.382,26	17.146,08
05.06.2019	15:30:00	10.873,06	5.346,47	16.853,96
05.06.2019	15:45:00	10.941,33	5.496,80	16.529,16
05.06.2019	16:00:00	11.144,26	5.822,21	16.651,44
05.06.2019	16:15:00	11.210,92	6.124,91	16.586,20
05.06.2019	16:30:00	11.269,80	6.336,11	16.650,66
05.06.2019	16:45:00	11.428,53	6.672,06	16.545,92
05.06.2019	17:00:00	11.394,46	6.852,22	16.485,49
05.06.2019	17:15:00	11.580,84	7.220,10	16.792,97
05.06.2019	17:30:00	11.734,14	7.649,13	17.095,71
05.06.2019	17:45:00	11.971,50	8.167,22	17.360,76
05.06.2019	18:00:00	12.098,21	8.599,22	17.734,75
05.06.2019	18:15:00	12.073,40	8.824,34	17.828,75
05.06.2019	18:30:00	12.213,51	9.198,23	18.200,06
05.06.2019	18:45:00	12.051,46	9.360,49	18.263,00
05.06.2019	19:00:00	12.072,02	9.737,30	18.534,74
05.06.2019	19:15:00	11.764,02	9.758,54	18.479,21
05.06.2019	19:30:00	11.356,88	9.724,41	18.429,56
05.06.2019	19:45:00	11.086,15	9.804,11	18.459,59
05.06.2019	20:00:00	10.923,05	9.934,85	18.630,04
05.06.2019	20:15:00	10.665,76	9.976,05	18.463,15
05.06.2019	20:30:00	10.371,41	9.850,03	18.103,39
05.06.2019	20:45:00	10.213,37	9.820,27	17.892,26
05.06.2019	21:00:00	10.101,32	9.823,63	17.856,54
05.06.2019	21:15:00	9.967,21	9.713,32	17.554,70
05.06.2019	21:30:00	10.091,29	9.849,37	17.613,50
05.06.2019	21:45:00	10.148,87	9.888,78	17.501,19
05.06.2019	22:00:00	10.228,65	9.989,93	17.249,95
05.06.2019	22:15:00	10.183,47	9.966,53	17.111,84
05.06.2019	22:30:00	9.821,88	9.639,00	16.598,66
05.06.2019	22:45:00	9.526,41	9.459,30	16.056,68
05.06.2019	23:00:00	9.248,89	9.173,20	15.580,47
05.06.2019	23:15:00	8.712,36	8.657,48	14.903,25
05.06.2019	23:30:00	8.176,82	8.108,57	14.371,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.06.2019	23:45:00	7.769,71	7.684,34	13.787,14
06.06.2019	00:00:00	7.357,27	7.213,18	13.229,35
06.06.2019	00:15:00	6.897,59	6.742,42	12.622,21
06.06.2019	00:30:00	6.599,55	6.472,62	12.429,62
06.06.2019	00:45:00	6.346,08	6.261,23	12.077,74
06.06.2019	01:00:00	6.103,70	6.014,69	11.724,66
06.06.2019	01:15:00	6.002,46	5.923,17	11.644,74
06.06.2019	01:30:00	5.890,92	5.815,17	11.372,16
06.06.2019	01:45:00	5.796,71	5.762,08	11.340,67
06.06.2019	02:00:00	5.704,61	5.671,53	11.156,07
06.06.2019	02:15:00	5.665,52	5.590,15	11.079,23
06.06.2019	02:30:00	5.618,69	5.504,87	10.866,46
06.06.2019	02:45:00	5.551,51	5.396,20	10.802,07
06.06.2019	03:00:00	5.502,21	5.332,12	10.742,78
06.06.2019	03:15:00	5.468,52	5.326,88	10.889,92
06.06.2019	03:30:00	5.488,52	5.362,08	10.983,39
06.06.2019	03:45:00	5.459,83	5.316,60	10.827,24
06.06.2019	04:00:00	5.459,69	5.313,59	10.779,87
06.06.2019	04:15:00	5.602,82	5.483,68	11.055,42
06.06.2019	04:30:00	5.612,86	5.520,82	11.112,99
06.06.2019	04:45:00	5.831,13	5.751,36	11.356,77
06.06.2019	05:00:00	5.848,36	5.763,02	11.700,40
06.06.2019	05:15:00	6.047,19	5.944,83	12.157,27
06.06.2019	05:30:00	6.051,37	5.975,94	12.545,19
06.06.2019	05:45:00	6.389,63	6.322,72	13.212,69
06.06.2019	06:00:00	6.707,09	6.586,41	14.175,06
06.06.2019	06:15:00	7.110,99	6.941,91	16.079,85
06.06.2019	06:30:00	7.463,40	7.221,37	17.115,72
06.06.2019	06:45:00	7.807,63	7.387,41	17.595,40
06.06.2019	07:00:00	8.231,15	7.593,64	18.330,02
06.06.2019	07:15:00	8.605,61	7.913,28	19.101,48
06.06.2019	07:30:00	8.927,38	8.160,10	19.647,30
06.06.2019	07:45:00	9.260,04	8.568,99	20.353,52
06.06.2019	08:00:00	9.624,90	8.962,54	21.263,22
06.06.2019	08:15:00	10.072,70	9.686,08	22.382,44
06.06.2019	08:30:00	10.212,22	9.926,61	22.869,94
06.06.2019	08:45:00	10.446,16	10.185,96	23.401,45
06.06.2019	09:00:00	10.615,60	10.352,28	23.751,44
06.06.2019	09:15:00	10.759,03	10.498,82	23.284,20
06.06.2019	09:30:00	10.781,58	10.456,45	23.119,48
06.06.2019	09:45:00	11.026,72	10.720,22	23.725,63
06.06.2019	10:00:00	11.204,41	10.783,51	24.061,89
06.06.2019	10:15:00	11.230,14	10.629,49	24.006,08
06.06.2019	10:30:00	11.376,21	10.320,88	23.583,34
06.06.2019	10:45:00	11.688,26	10.401,05	23.939,26
06.06.2019	11:00:00	11.582,15	10.191,14	23.734,25
06.06.2019	11:15:00	11.514,77	10.518,97	24.035,56
06.06.2019	11:30:00	11.824,81	11.089,00	24.545,82
06.06.2019	11:45:00	12.140,40	11.512,52	25.000,99
06.06.2019	12:00:00	12.344,51	11.604,80	25.109,00
06.06.2019	12:15:00	12.311,85	11.438,97	24.383,72
06.06.2019	12:30:00	12.318,19	11.397,31	24.133,46
06.06.2019	12:45:00	12.103,91	11.120,20	23.693,80
06.06.2019	13:00:00	11.759,07	10.552,34	23.282,32
06.06.2019	13:15:00	11.536,60	9.959,70	22.625,08
06.06.2019	13:30:00	11.364,24	10.140,90	23.317,64
06.06.2019	13:45:00	11.282,31	10.209,31	23.122,98
06.06.2019	14:00:00	11.099,02	9.743,36	22.360,45
06.06.2019	14:15:00	10.899,31	9.465,38	21.770,06
06.06.2019	14:30:00	10.799,15	8.592,71	20.705,03
06.06.2019	14:45:00	10.911,55	8.423,98	20.206,28
06.06.2019	15:00:00	10.997,36	9.123,71	20.904,46
06.06.2019	15:15:00	11.066,10	9.936,24	21.454,30
06.06.2019	15:30:00	11.099,18	9.864,21	21.184,24
06.06.2019	15:45:00	11.113,17	9.884,66	21.172,02
06.06.2019	16:00:00	10.942,63	10.058,46	20.940,45
06.06.2019	16:15:00	11.016,16	10.421,58	20.865,35
06.06.2019	16:30:00	11.071,29	10.260,02	20.464,88
06.06.2019	16:45:00	11.130,14	10.164,53	20.282,54
06.06.2019	17:00:00	11.271,52	9.906,75	19.527,45
06.06.2019	17:15:00	11.059,17	9.908,76	19.147,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.06.2019	17:30:00	11.157,55	10.282,21	19.400,60
06.06.2019	17:45:00	11.398,04	10.767,25	19.834,66
06.06.2019	18:00:00	11.640,18	11.006,20	19.977,11
06.06.2019	18:15:00	11.582,18	10.850,66	19.601,94
06.06.2019	18:30:00	11.350,39	10.559,49	19.004,30
06.06.2019	18:45:00	11.217,63	10.367,78	18.656,04
06.06.2019	19:00:00	11.152,13	10.392,08	18.712,23
06.06.2019	19:15:00	11.159,28	10.348,06	18.573,18
06.06.2019	19:30:00	11.018,89	10.234,62	18.353,42
06.06.2019	19:45:00	10.884,99	10.225,19	18.152,23
06.06.2019	20:00:00	11.021,13	10.070,29	18.050,49
06.06.2019	20:15:00	10.870,58	9.727,77	17.412,83
06.06.2019	20:30:00	10.504,43	9.908,23	17.544,99
06.06.2019	20:45:00	10.306,08	9.820,87	17.470,99
06.06.2019	21:00:00	10.203,89	9.798,29	17.321,83
06.06.2019	21:15:00	10.191,89	9.826,51	17.285,39
06.06.2019	21:30:00	10.648,61	10.290,03	17.554,06
06.06.2019	21:45:00	10.485,37	10.129,55	17.268,34
06.06.2019	22:00:00	10.726,06	10.372,51	17.241,99
06.06.2019	22:15:00	10.633,64	10.287,72	16.855,75
06.06.2019	22:30:00	10.185,56	9.869,94	16.254,14
06.06.2019	22:45:00	9.902,78	9.543,25	15.475,83
06.06.2019	23:00:00	9.513,57	9.143,45	14.829,96
06.06.2019	23:15:00	9.006,92	8.635,34	14.255,71
06.06.2019	23:30:00	8.520,04	8.190,65	13.681,87
06.06.2019	23:45:00	8.061,77	7.728,28	13.264,00
07.06.2019	00:00:00	7.720,61	7.375,92	12.762,69
07.06.2019	00:15:00	7.202,90	6.804,72	12.216,53
07.06.2019	00:30:00	6.979,42	6.468,94	11.816,64
07.06.2019	00:45:00	6.658,56	6.139,55	11.522,12
07.06.2019	01:00:00	6.472,43	5.986,71	11.368,98
07.06.2019	01:15:00	6.177,59	5.745,96	11.104,67
07.06.2019	01:30:00	6.273,92	5.849,38	11.129,00
07.06.2019	01:45:00	6.075,30	5.629,20	10.813,09
07.06.2019	02:00:00	6.060,91	5.598,78	11.030,72
07.06.2019	02:15:00	5.966,14	5.506,70	11.064,36
07.06.2019	02:30:00	6.094,09	5.678,27	11.133,11
07.06.2019	02:45:00	5.902,51	5.549,84	11.004,26
07.06.2019	03:00:00	5.996,56	5.643,55	11.067,72
07.06.2019	03:15:00	5.875,40	5.555,87	10.898,87
07.06.2019	03:30:00	5.876,16	5.561,36	10.920,89
07.06.2019	03:45:00	5.942,78	5.579,31	10.892,29
07.06.2019	04:00:00	5.946,92	5.558,38	10.988,71
07.06.2019	04:15:00	6.168,08	5.755,84	11.165,44
07.06.2019	04:30:00	6.216,59	5.820,68	11.358,81
07.06.2019	04:45:00	6.397,55	6.036,47	11.604,81
07.06.2019	05:00:00	6.393,87	6.042,73	11.850,92
07.06.2019	05:15:00	6.509,27	6.123,98	12.292,38
07.06.2019	05:30:00	6.344,97	5.977,42	12.360,62
07.06.2019	05:45:00	6.669,18	6.354,11	13.187,73
07.06.2019	06:00:00	6.938,96	6.561,64	13.870,62
07.06.2019	06:15:00	7.284,41	6.819,17	15.514,27
07.06.2019	06:30:00	7.626,96	7.112,20	16.508,26
07.06.2019	06:45:00	7.687,65	7.121,08	16.696,16
07.06.2019	07:00:00	7.918,02	7.312,00	17.310,68
07.06.2019	07:15:00	8.120,56	7.441,55	17.553,48
07.06.2019	07:30:00	8.263,11	7.574,72	17.847,96
07.06.2019	07:45:00	8.315,33	7.543,48	18.188,87
07.06.2019	08:00:00	8.413,28	7.507,28	18.345,29
07.06.2019	08:15:00	8.617,10	7.472,47	18.695,86
07.06.2019	08:30:00	8.647,90	7.181,62	18.756,56
07.06.2019	08:45:00	8.787,17	6.972,53	18.522,58
07.06.2019	09:00:00	8.986,32	6.838,17	18.546,62
07.06.2019	09:15:00	9.299,06	6.769,37	17.947,82
07.06.2019	09:30:00	9.407,81	6.534,69	17.814,92
07.06.2019	09:45:00	9.563,54	6.368,85	18.088,33
07.06.2019	10:00:00	9.535,20	5.946,43	17.840,85
07.06.2019	10:15:00	9.815,89	5.901,45	17.818,52
07.06.2019	10:30:00	9.950,21	5.728,89	17.606,09
07.06.2019	10:45:00	10.035,46	5.551,43	17.637,45
07.06.2019	11:00:00	10.145,39	5.296,47	17.279,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.06.2019	11:15:00	10.088,87	5.050,02	16.988,38
07.06.2019	11:30:00	10.441,22	5.211,13	17.106,36
07.06.2019	11:45:00	10.817,85	5.316,11	17.334,77
07.06.2019	12:00:00	10.992,20	5.782,61	17.519,02
07.06.2019	12:15:00	11.096,76	5.784,89	17.253,89
07.06.2019	12:30:00	11.188,72	5.498,38	16.356,62
07.06.2019	12:45:00	11.055,26	5.332,23	16.167,04
07.06.2019	13:00:00	10.794,64	5.054,92	15.847,75
07.06.2019	13:15:00	10.772,90	4.992,49	15.725,18
07.06.2019	13:30:00	10.549,14	4.690,86	15.483,97
07.06.2019	13:45:00	10.304,60	4.499,61	15.166,96
07.06.2019	14:00:00	10.322,60	4.504,15	14.955,58
07.06.2019	14:15:00	10.448,50	4.565,08	15.041,61
07.06.2019	14:30:00	10.322,69	4.485,18	14.691,00
07.06.2019	14:45:00	10.340,24	4.567,38	14.652,95
07.06.2019	15:00:00	10.465,06	4.698,53	14.673,60
07.06.2019	15:15:00	10.539,14	4.840,93	14.634,36
07.06.2019	15:30:00	10.534,88	4.928,26	14.531,37
07.06.2019	15:45:00	10.515,11	4.997,11	14.335,00
07.06.2019	16:00:00	10.669,38	5.267,43	14.359,31
07.06.2019	16:15:00	10.773,32	5.610,52	14.462,49
07.06.2019	16:30:00	10.930,65	5.930,45	14.720,15
07.06.2019	16:45:00	11.035,42	6.224,15	14.872,91
07.06.2019	17:00:00	11.222,43	6.666,04	15.232,92
07.06.2019	17:15:00	11.221,55	6.826,85	15.180,20
07.06.2019	17:30:00	11.362,59	7.258,94	15.391,03
07.06.2019	17:45:00	10.982,78	7.543,51	15.620,72
07.06.2019	18:00:00	11.267,93	8.243,68	16.317,91
07.06.2019	18:15:00	11.430,16	9.548,56	17.533,43
07.06.2019	18:30:00	10.770,34	10.217,08	18.028,68
07.06.2019	18:45:00	10.642,37	10.320,88	17.939,15
07.06.2019	19:00:00	10.796,97	10.494,14	18.119,97
07.06.2019	19:15:00	10.842,59	10.343,59	18.154,08
07.06.2019	19:30:00	10.898,20	9.829,64	17.541,62
07.06.2019	19:45:00	10.616,49	9.541,25	17.006,50
07.06.2019	20:00:00	10.491,04	9.944,95	17.222,41
07.06.2019	20:15:00	10.389,83	10.119,58	17.205,88
07.06.2019	20:30:00	10.303,27	10.122,19	17.043,75
07.06.2019	20:45:00	10.194,63	10.003,42	16.768,46
07.06.2019	21:00:00	10.058,09	9.722,17	16.312,20
07.06.2019	21:15:00	10.049,11	9.709,76	16.319,23
07.06.2019	21:30:00	10.186,98	9.852,76	16.294,36
07.06.2019	21:45:00	10.424,59	10.073,90	16.495,60
07.06.2019	22:00:00	10.202,14	9.973,34	16.358,47
07.06.2019	22:15:00	9.861,87	9.753,57	15.996,02
07.06.2019	22:30:00	9.687,35	9.581,97	15.704,34
07.06.2019	22:45:00	9.590,13	9.468,69	15.288,52
07.06.2019	23:00:00	9.313,44	9.158,67	14.890,26
07.06.2019	23:15:00	8.871,60	8.720,41	14.169,70
07.06.2019	23:30:00	8.401,23	8.264,46	13.711,86
07.06.2019	23:45:00	8.000,41	7.817,22	13.288,61
08.06.2019	00:00:00	7.602,43	7.428,66	12.756,31
08.06.2019	00:15:00	7.231,08	7.062,29	12.392,33
08.06.2019	00:30:00	6.958,64	6.784,44	12.077,71
08.06.2019	00:45:00	6.633,25	6.462,30	11.578,93
08.06.2019	01:00:00	6.471,83	6.377,24	11.229,39
08.06.2019	01:15:00	6.243,99	6.201,33	11.149,22
08.06.2019	01:30:00	6.161,06	6.106,34	11.060,50
08.06.2019	01:45:00	6.025,41	5.982,64	10.860,62
08.06.2019	02:00:00	5.761,37	5.684,63	10.512,61
08.06.2019	02:15:00	5.698,92	5.441,92	10.109,69
08.06.2019	02:30:00	5.711,05	5.451,57	9.989,86
08.06.2019	02:45:00	5.571,28	5.349,78	9.987,02
08.06.2019	03:00:00	5.486,26	5.233,70	9.747,05
08.06.2019	03:15:00	5.464,15	5.223,98	9.675,52
08.06.2019	03:30:00	5.446,56	5.233,27	9.613,63
08.06.2019	03:45:00	5.410,38	5.211,52	9.587,80
08.06.2019	04:00:00	5.428,32	5.249,79	9.463,45
08.06.2019	04:15:00	5.486,90	5.414,59	9.558,72
08.06.2019	04:30:00	5.546,09	5.467,26	9.584,17
08.06.2019	04:45:00	5.516,77	5.407,38	9.569,16

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.06.2019	05:00:00	5.572,99	5.462,97	9.762,37
08.06.2019	05:15:00	5.794,23	5.674,83	10.181,23
08.06.2019	05:30:00	5.584,48	5.439,41	10.091,14
08.06.2019	05:45:00	5.643,59	5.496,78	10.237,85
08.06.2019	06:00:00	5.734,78	5.587,76	10.442,23
08.06.2019	06:15:00	5.955,67	5.760,17	10.744,60
08.06.2019	06:30:00	6.212,30	5.891,67	10.978,78
08.06.2019	06:45:00	6.344,24	5.881,09	10.997,06
08.06.2019	07:00:00	6.616,99	6.107,33	11.227,22
08.06.2019	07:15:00	6.779,71	6.121,29	11.229,62
08.06.2019	07:30:00	7.125,03	6.357,57	11.509,65
08.06.2019	07:45:00	7.336,09	6.559,49	11.837,87
08.06.2019	08:00:00	7.872,08	7.156,02	12.486,25
08.06.2019	08:15:00	8.134,10	7.178,40	12.554,76
08.06.2019	08:30:00	8.369,63	7.425,62	12.817,59
08.06.2019	08:45:00	8.577,09	7.532,05	12.901,00
08.06.2019	09:00:00	8.163,29	6.404,88	11.706,78
08.06.2019	09:15:00	8.025,81	5.503,93	10.854,96
08.06.2019	09:30:00	8.690,42	5.754,61	11.071,22
08.06.2019	09:45:00	8.830,66	6.104,95	11.489,64
08.06.2019	10:00:00	9.253,58	5.580,06	10.754,40
08.06.2019	10:15:00	9.072,93	5.041,52	10.258,51
08.06.2019	10:30:00	9.348,29	4.936,42	10.172,10
08.06.2019	10:45:00	9.513,91	4.838,68	10.090,57
08.06.2019	11:00:00	9.549,53	4.576,72	9.881,73
08.06.2019	11:15:00	9.781,35	4.554,69	9.754,09
08.06.2019	11:30:00	10.066,94	4.653,78	9.796,68
08.06.2019	11:45:00	10.233,70	4.617,41	9.841,23
08.06.2019	12:00:00	10.356,36	4.619,57	9.716,08
08.06.2019	12:15:00	10.409,12	4.537,49	9.454,11
08.06.2019	12:30:00	10.473,12	4.405,73	9.384,76
08.06.2019	12:45:00	10.320,42	4.178,80	9.390,83
08.06.2019	13:00:00	10.169,01	3.879,00	9.143,26
08.06.2019	13:15:00	10.030,49	3.665,87	8.897,15
08.06.2019	13:30:00	10.013,64	3.603,71	8.814,92
08.06.2019	13:45:00	10.037,20	3.663,11	8.863,75
08.06.2019	14:00:00	9.800,81	3.447,48	8.584,48
08.06.2019	14:15:00	9.668,34	3.372,22	8.398,57
08.06.2019	14:30:00	9.504,51	3.146,54	8.224,10
08.06.2019	14:45:00	9.540,67	3.211,56	8.242,50
08.06.2019	15:00:00	9.592,12	3.297,92	8.274,63
08.06.2019	15:15:00	9.467,17	3.239,42	8.242,97
08.06.2019	15:30:00	9.537,65	3.385,18	8.465,54
08.06.2019	15:45:00	9.690,82	3.699,79	8.765,20
08.06.2019	16:00:00	9.618,54	3.798,88	8.824,90
08.06.2019	16:15:00	9.773,93	4.043,70	9.113,36
08.06.2019	16:30:00	9.803,00	4.251,47	9.296,41
08.06.2019	16:45:00	9.789,15	4.374,43	9.347,96
08.06.2019	17:00:00	9.915,47	4.700,94	9.635,84
08.06.2019	17:15:00	10.102,10	5.155,46	10.075,54
08.06.2019	17:30:00	10.249,13	5.471,06	10.425,24
08.06.2019	17:45:00	10.304,16	5.741,77	10.765,12
08.06.2019	18:00:00	10.428,10	6.088,46	11.171,56
08.06.2019	18:15:00	10.467,27	6.479,95	11.396,90
08.06.2019	18:30:00	10.548,06	6.926,97	11.495,07
08.06.2019	18:45:00	10.581,46	7.376,85	12.009,71
08.06.2019	19:00:00	10.471,95	7.638,67	12.225,43
08.06.2019	19:15:00	10.389,34	7.930,37	12.438,96
08.06.2019	19:30:00	10.228,47	8.257,73	12.767,17
08.06.2019	19:45:00	9.988,20	8.437,60	12.980,61
08.06.2019	20:00:00	9.728,44	8.588,22	13.077,24
08.06.2019	20:15:00	9.415,80	8.647,49	13.103,24
08.06.2019	20:30:00	9.132,59	8.665,91	13.133,80
08.06.2019	20:45:00	9.077,47	8.720,12	13.095,50
08.06.2019	21:00:00	9.024,93	8.801,83	13.042,06
08.06.2019	21:15:00	9.020,63	8.871,20	12.999,54
08.06.2019	21:30:00	9.066,61	8.964,31	13.047,05
08.06.2019	21:45:00	8.981,07	8.885,17	13.041,17
08.06.2019	22:00:00	9.339,17	9.227,51	13.487,24
08.06.2019	22:15:00	9.521,79	9.396,09	13.503,66
08.06.2019	22:30:00	9.407,24	9.262,18	13.351,10

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.06.2019	22:45:00	9.299,80	9.165,65	13.197,40
08.06.2019	23:00:00	9.110,50	8.985,08	12.950,02
08.06.2019	23:15:00	8.765,50	8.636,15	12.455,03
08.06.2019	23:30:00	8.274,30	8.119,42	11.889,74
08.06.2019	23:45:00	7.920,12	7.750,38	11.568,48
09.06.2019	00:00:00	7.602,18	7.425,34	11.034,00
09.06.2019	00:15:00	7.249,71	7.075,38	10.595,44
09.06.2019	00:30:00	6.978,61	6.833,13	10.245,82
09.06.2019	00:45:00	6.654,74	6.518,00	10.033,58
09.06.2019	01:00:00	6.568,06	6.439,48	9.905,33
09.06.2019	01:15:00	6.224,73	6.138,32	9.676,79
09.06.2019	01:30:00	6.154,77	6.070,07	9.675,07
09.06.2019	01:45:00	6.015,13	5.920,70	9.495,10
09.06.2019	02:00:00	5.882,48	5.790,78	9.382,34
09.06.2019	02:15:00	5.904,15	5.815,17	9.360,13
09.06.2019	02:30:00	5.810,30	5.702,06	9.240,92
09.06.2019	02:45:00	5.801,91	5.658,35	9.123,66
09.06.2019	03:00:00	5.616,46	5.468,77	8.997,59
09.06.2019	03:15:00	5.592,83	5.431,84	8.875,02
09.06.2019	03:30:00	5.422,94	5.234,36	9.028,98
09.06.2019	03:45:00	5.485,43	5.273,21	9.113,10
09.06.2019	04:00:00	5.353,71	5.148,94	9.021,54
09.06.2019	04:15:00	5.617,97	5.423,29	9.178,99
09.06.2019	04:30:00	5.588,16	5.392,32	9.123,69
09.06.2019	04:45:00	5.535,40	5.338,22	9.087,32
09.06.2019	05:00:00	5.511,94	5.311,32	9.107,08
09.06.2019	05:15:00	5.351,71	5.150,45	8.868,91
09.06.2019	05:30:00	5.133,01	4.940,16	8.682,71
09.06.2019	05:45:00	5.312,50	5.084,18	8.886,44
09.06.2019	06:00:00	5.228,57	5.021,98	8.860,01
09.06.2019	06:15:00	5.312,89	5.072,56	9.019,86
09.06.2019	06:30:00	5.292,05	4.900,45	8.759,54
09.06.2019	06:45:00	5.143,01	4.476,00	8.254,16
09.06.2019	07:00:00	5.361,54	4.662,09	8.447,01
09.06.2019	07:15:00	5.546,31	4.889,24	8.855,42
09.06.2019	07:30:00	5.514,90	4.781,86	8.647,44
09.06.2019	07:45:00	5.441,32	4.468,33	8.302,31
09.06.2019	08:00:00	5.763,77	4.718,11	8.534,76
09.06.2019	08:15:00	5.966,04	4.666,32	8.516,35
09.06.2019	08:30:00	6.224,02	4.669,64	8.302,88
09.06.2019	08:45:00	6.415,17	4.710,93	8.354,27
09.06.2019	09:00:00	6.436,16	4.243,53	7.938,34
09.06.2019	09:15:00	7.051,63	4.644,43	8.318,42
09.06.2019	09:30:00	7.256,98	4.586,20	8.307,00
09.06.2019	09:45:00	7.433,32	4.384,06	8.137,79
09.06.2019	10:00:00	7.537,36	4.002,31	7.697,40
09.06.2019	10:15:00	7.749,73	3.678,96	7.430,19
09.06.2019	10:30:00	8.302,23	4.382,20	8.120,58
09.06.2019	10:45:00	8.451,82	4.596,97	8.320,81
09.06.2019	11:00:00	8.728,35	5.018,66	8.711,78
09.06.2019	11:15:00	8.804,70	4.327,35	8.027,26
09.06.2019	11:30:00	9.199,64	4.201,76	7.965,44
09.06.2019	11:45:00	9.428,20	4.401,01	8.209,46
09.06.2019	12:00:00	9.312,30	3.843,82	7.643,57
09.06.2019	12:15:00	9.652,69	5.174,46	9.003,94
09.06.2019	12:30:00	9.985,54	6.630,05	10.412,87
09.06.2019	12:45:00	9.824,86	6.372,10	10.259,54
09.06.2019	13:00:00	9.584,77	7.516,19	11.366,43
09.06.2019	13:15:00	9.520,51	7.421,86	11.203,41
09.06.2019	13:30:00	9.261,43	6.600,26	10.423,76
09.06.2019	13:45:00	9.064,38	6.451,79	10.317,64
09.06.2019	14:00:00	8.982,88	6.943,68	10.861,85
09.06.2019	14:15:00	8.880,72	7.132,85	11.034,52
09.06.2019	14:30:00	8.721,23	7.090,47	10.959,13
09.06.2019	14:45:00	8.653,34	7.049,42	10.887,48
09.06.2019	15:00:00	8.543,35	6.966,41	10.807,75
09.06.2019	15:15:00	8.496,00	7.037,51	10.785,81
09.06.2019	15:30:00	8.487,43	7.188,18	10.989,96
09.06.2019	15:45:00	8.463,25	7.176,06	10.981,00
09.06.2019	16:00:00	8.445,95	7.367,24	11.178,11
09.06.2019	16:15:00	8.495,52	7.500,82	11.411,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.06.2019	16:30:00	8.535,82	7.461,83	11.369,21
09.06.2019	16:45:00	8.671,10	7.426,20	11.313,36
09.06.2019	17:00:00	8.662,51	7.763,33	11.620,80
09.06.2019	17:15:00	8.928,40	8.007,05	11.841,14
09.06.2019	17:30:00	9.086,41	7.639,47	11.427,28
09.06.2019	17:45:00	9.148,47	7.514,68	11.296,24
09.06.2019	18:00:00	9.139,96	7.730,66	11.466,99
09.06.2019	18:15:00	9.072,37	7.871,83	11.650,98
09.06.2019	18:30:00	9.183,02	8.049,36	11.847,56
09.06.2019	18:45:00	9.120,23	8.163,38	11.993,47
09.06.2019	19:00:00	9.067,66	7.901,31	11.769,59
09.06.2019	19:15:00	9.098,04	8.237,38	12.089,68
09.06.2019	19:30:00	9.127,50	8.572,32	12.399,91
09.06.2019	19:45:00	9.113,82	8.598,45	12.408,90
09.06.2019	20:00:00	9.041,46	8.681,13	12.487,10
09.06.2019	20:15:00	8.977,91	8.715,36	12.497,72
09.06.2019	20:30:00	8.856,08	8.532,40	12.342,75
09.06.2019	20:45:00	8.806,01	8.534,01	12.650,17
09.06.2019	21:00:00	8.791,11	8.614,87	12.710,08
09.06.2019	21:15:00	8.838,38	8.682,32	12.834,66
09.06.2019	21:30:00	9.052,76	8.869,12	13.105,27
09.06.2019	21:45:00	9.288,50	9.117,39	13.345,09
09.06.2019	22:00:00	9.174,48	8.985,53	13.187,58
09.06.2019	22:15:00	9.061,47	8.878,04	13.133,43
09.06.2019	22:30:00	8.974,23	8.805,32	13.143,60
09.06.2019	22:45:00	8.862,87	8.693,44	12.914,68
09.06.2019	23:00:00	8.629,35	8.455,70	12.622,36
09.06.2019	23:15:00	8.175,79	7.932,56	12.038,70
09.06.2019	23:30:00	7.679,97	7.421,33	11.507,18
09.06.2019	23:45:00	7.368,78	7.176,17	11.298,10
10.06.2019	00:00:00	7.013,23	6.825,43	10.944,30
10.06.2019	00:15:00	6.692,94	6.506,10	10.446,38
10.06.2019	00:30:00	6.481,47	6.308,17	10.211,42
10.06.2019	00:45:00	6.283,51	6.135,01	10.008,48
10.06.2019	01:00:00	6.121,99	5.983,30	9.847,93
10.06.2019	01:15:00	5.911,39	5.777,54	9.601,08
10.06.2019	01:30:00	5.787,67	5.645,28	9.469,02
10.06.2019	01:45:00	5.674,53	5.481,67	9.337,38
10.06.2019	02:00:00	5.586,26	5.393,72	9.093,14
10.06.2019	02:15:00	5.502,63	5.305,08	8.902,33
10.06.2019	02:30:00	5.544,35	5.352,44	8.900,80
10.06.2019	02:45:00	5.470,84	5.281,27	8.892,70
10.06.2019	03:00:00	5.429,85	5.247,35	8.797,52
10.06.2019	03:15:00	5.290,02	5.140,87	8.671,85
10.06.2019	03:30:00	5.228,21	5.104,23	8.680,65
10.06.2019	03:45:00	5.185,26	5.025,06	8.462,42
10.06.2019	04:00:00	5.210,39	5.055,91	8.550,05
10.06.2019	04:15:00	5.271,85	5.073,92	8.612,01
10.06.2019	04:30:00	5.258,99	5.048,38	8.616,12
10.06.2019	04:45:00	5.331,76	5.142,46	8.772,04
10.06.2019	05:00:00	5.313,03	5.137,17	8.826,52
10.06.2019	05:15:00	5.494,47	5.329,65	9.090,15
10.06.2019	05:30:00	5.063,16	4.897,23	8.624,36
10.06.2019	05:45:00	5.210,52	5.073,48	8.717,16
10.06.2019	06:00:00	5.242,35	5.050,68	8.838,64
10.06.2019	06:15:00	5.306,53	5.055,17	8.900,89
10.06.2019	06:30:00	5.359,68	5.102,06	8.923,52
10.06.2019	06:45:00	5.453,07	5.160,44	8.913,68
10.06.2019	07:00:00	5.542,51	5.212,12	9.034,30
10.06.2019	07:15:00	5.756,00	5.287,89	9.150,35
10.06.2019	07:30:00	5.959,70	5.449,31	9.287,70
10.06.2019	07:45:00	6.206,59	5.721,94	9.695,74
10.06.2019	08:00:00	6.390,71	5.820,80	9.727,94
10.06.2019	08:15:00	6.705,37	5.961,31	9.923,43
10.06.2019	08:30:00	6.986,73	6.082,48	9.987,20
10.06.2019	08:45:00	7.218,17	6.238,81	10.138,61
10.06.2019	09:00:00	7.507,36	6.353,05	10.263,96
10.06.2019	09:15:00	7.800,22	6.859,25	10.857,75
10.06.2019	09:30:00	8.101,40	7.107,71	11.124,93
10.06.2019	09:45:00	8.416,70	7.249,30	11.279,03
10.06.2019	10:00:00	8.633,48	7.604,92	11.629,87

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.06.2019	10:15:00	8.985,00	7.248,84	11.237,54
10.06.2019	10:30:00	9.170,09	7.889,12	12.042,75
10.06.2019	10:45:00	9.366,18	7.637,70	11.698,13
10.06.2019	11:00:00	9.308,80	7.456,89	11.512,43
10.06.2019	11:15:00	9.844,01	6.893,46	10.870,88
10.06.2019	11:30:00	9.717,01	5.891,81	9.782,56
10.06.2019	11:45:00	9.356,51	4.215,39	8.161,94
10.06.2019	12:00:00	9.610,20	4.066,58	7.959,09
10.06.2019	12:15:00	9.612,50	3.928,25	7.883,46
10.06.2019	12:30:00	9.617,23	4.986,85	9.066,64
10.06.2019	12:45:00	9.758,88	4.927,87	8.938,73
10.06.2019	13:00:00	9.595,90	4.750,21	8.757,18
10.06.2019	13:15:00	9.509,47	7.580,67	11.638,49
10.06.2019	13:30:00	9.502,25	7.708,04	11.766,70
10.06.2019	13:45:00	9.321,53	7.608,35	11.716,00
10.06.2019	14:00:00	9.293,69	8.339,71	12.539,86
10.06.2019	14:15:00	9.270,53	8.553,22	12.654,28
10.06.2019	14:30:00	9.307,28	8.712,87	12.887,75
10.06.2019	14:45:00	9.401,04	8.726,25	12.975,78
10.06.2019	15:00:00	9.211,82	7.938,26	12.409,75
10.06.2019	15:15:00	9.061,47	7.936,37	12.410,23
10.06.2019	15:30:00	8.987,87	8.373,43	12.868,41
10.06.2019	15:45:00	9.049,51	8.784,24	13.359,53
10.06.2019	16:00:00	9.324,61	9.123,33	13.639,61
10.06.2019	16:15:00	9.343,00	8.889,16	13.356,52
10.06.2019	16:30:00	9.310,49	8.963,80	13.401,92
10.06.2019	16:45:00	9.500,76	8.773,81	13.201,60
10.06.2019	17:00:00	9.429,70	8.407,85	12.762,93
10.06.2019	17:15:00	9.463,90	8.442,92	12.856,42
10.06.2019	17:30:00	9.535,59	8.461,56	12.903,73
10.06.2019	17:45:00	9.714,13	8.698,35	13.079,24
10.06.2019	18:00:00	9.844,85	8.932,81	13.363,02
10.06.2019	18:15:00	9.928,91	9.218,51	13.649,21
10.06.2019	18:30:00	10.114,32	9.585,60	13.981,53
10.06.2019	18:45:00	10.082,39	9.633,86	13.947,06
10.06.2019	19:00:00	10.095,34	9.841,59	14.124,88
10.06.2019	19:15:00	10.203,27	10.060,46	14.362,42
10.06.2019	19:30:00	10.248,53	10.095,16	14.339,98
10.06.2019	19:45:00	10.304,00	10.181,81	14.491,88
10.06.2019	20:00:00	10.078,80	9.971,13	14.320,95
10.06.2019	20:15:00	9.945,24	9.845,09	14.093,16
10.06.2019	20:30:00	9.758,30	9.575,58	13.559,21
10.06.2019	20:45:00	9.551,20	9.351,56	13.232,05
10.06.2019	21:00:00	9.405,81	9.236,34	13.098,27
10.06.2019	21:15:00	9.238,39	9.064,65	12.995,09
10.06.2019	21:30:00	9.580,88	9.423,52	13.353,64
10.06.2019	21:45:00	9.536,63	9.386,63	13.432,32
10.06.2019	22:00:00	9.415,84	9.262,20	13.301,73
10.06.2019	22:15:00	9.216,29	9.070,46	13.240,84
10.06.2019	22:30:00	8.863,88	8.763,46	12.939,33
10.06.2019	22:45:00	8.666,28	8.588,07	12.701,82
10.06.2019	23:00:00	8.451,40	8.364,50	12.487,62
10.06.2019	23:15:00	7.978,72	7.883,90	11.950,20
10.06.2019	23:30:00	7.567,57	7.390,36	11.517,56
10.06.2019	23:45:00	7.176,65	6.990,79	11.061,52
11.06.2019	00:00:00	6.774,09	6.583,84	10.602,48
11.06.2019	00:15:00	6.500,46	6.331,08	10.439,10
11.06.2019	00:30:00	6.226,09	6.093,09	10.258,70
11.06.2019	00:45:00	6.060,25	5.910,80	10.104,92
11.06.2019	01:00:00	5.816,58	5.680,60	9.921,52
11.06.2019	01:15:00	5.678,28	5.602,75	9.834,26
11.06.2019	01:30:00	5.589,17	5.536,07	9.670,14
11.06.2019	01:45:00	5.529,59	5.437,69	9.560,89
11.06.2019	02:00:00	5.428,49	5.343,10	9.387,57
11.06.2019	02:15:00	5.363,08	5.224,19	9.262,69
11.06.2019	02:30:00	5.369,76	5.201,57	9.290,80
11.06.2019	02:45:00	5.335,93	5.168,02	9.127,90
11.06.2019	03:00:00	5.322,31	5.169,45	9.069,34
11.06.2019	03:15:00	5.308,97	5.173,17	9.242,81
11.06.2019	03:30:00	5.305,66	5.172,47	9.275,96
11.06.2019	03:45:00	5.339,61	5.241,21	9.304,85

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.06.2019	04:00:00	5.335,91	5.258,30	9.181,50
11.06.2019	04:15:00	5.484,49	5.422,10	9.520,14
11.06.2019	04:30:00	5.584,71	5.525,30	9.624,20
11.06.2019	04:45:00	5.771,99	5.689,43	9.999,82
11.06.2019	05:00:00	5.866,92	5.623,60	10.171,10
11.06.2019	05:15:00	6.184,01	5.902,56	11.168,86
11.06.2019	05:30:00	6.216,39	5.968,92	11.577,30
11.06.2019	05:45:00	6.160,95	5.914,59	12.108,88
11.06.2019	06:00:00	6.446,77	6.149,04	13.096,14
11.06.2019	06:15:00	6.870,80	6.445,95	14.429,64
11.06.2019	06:30:00	7.142,19	6.710,11	15.681,81
11.06.2019	06:45:00	7.248,85	6.900,90	16.020,18
11.06.2019	07:00:00	7.096,32	6.757,52	16.364,78
11.06.2019	07:15:00	7.497,28	7.180,97	17.284,48
11.06.2019	07:30:00	7.692,65	7.166,17	17.391,70
11.06.2019	07:45:00	8.555,67	7.326,20	17.780,11
11.06.2019	08:00:00	9.153,39	7.615,82	18.329,23
11.06.2019	08:15:00	8.574,54	7.183,87	18.293,91
11.06.2019	08:30:00	9.171,56	7.355,65	18.693,12
11.06.2019	08:45:00	9.240,36	7.888,34	19.257,48
11.06.2019	09:00:00	9.757,41	8.565,06	20.040,90
11.06.2019	09:15:00	9.916,19	8.986,66	19.892,08
11.06.2019	09:30:00	10.494,86	9.071,33	20.129,07
11.06.2019	09:45:00	10.290,67	8.898,45	20.334,14
11.06.2019	10:00:00	10.723,88	8.318,05	19.866,51
11.06.2019	10:15:00	10.845,44	9.033,78	20.579,19
11.06.2019	10:30:00	10.564,57	9.565,84	21.378,96
11.06.2019	10:45:00	10.843,39	9.947,07	22.013,74
11.06.2019	11:00:00	10.992,90	10.434,09	22.727,68
11.06.2019	11:15:00	11.159,39	10.340,52	22.677,94
11.06.2019	11:30:00	11.367,83	9.529,93	21.791,36
11.06.2019	11:45:00	11.749,07	9.859,15	22.045,62
11.06.2019	12:00:00	11.754,12	10.338,64	22.214,46
11.06.2019	12:15:00	11.767,16	10.552,39	22.059,40
11.06.2019	12:30:00	11.808,22	10.480,84	21.631,36
11.06.2019	12:45:00	11.688,12	10.511,17	21.892,99
11.06.2019	13:00:00	11.405,30	10.317,18	21.970,40
11.06.2019	13:15:00	11.275,73	10.292,08	22.068,45
11.06.2019	13:30:00	11.082,09	10.278,13	22.217,57
11.06.2019	13:45:00	11.033,20	10.202,01	22.209,04
11.06.2019	14:00:00	10.871,43	9.893,13	21.589,86
11.06.2019	14:15:00	10.844,14	9.952,11	21.534,68
11.06.2019	14:30:00	10.815,62	9.824,76	21.218,37
11.06.2019	14:45:00	10.741,43	10.117,18	21.446,82
11.06.2019	15:00:00	10.802,03	10.107,85	21.212,44
11.06.2019	15:15:00	10.650,05	9.595,16	20.345,73
11.06.2019	15:30:00	10.678,18	9.639,20	20.162,68
11.06.2019	15:45:00	10.755,39	9.744,55	20.137,06
11.06.2019	16:00:00	10.614,67	9.708,29	19.912,75
11.06.2019	16:15:00	10.648,62	9.834,03	19.576,16
11.06.2019	16:30:00	10.731,37	9.790,53	19.315,13
11.06.2019	16:45:00	10.752,27	9.920,14	19.241,06
11.06.2019	17:00:00	10.684,27	10.120,01	19.198,32
11.06.2019	17:15:00	10.837,98	10.478,80	19.408,51
11.06.2019	17:30:00	10.907,70	10.568,67	19.292,23
11.06.2019	17:45:00	11.051,50	10.696,44	19.348,42
11.06.2019	18:00:00	11.125,91	10.773,14	19.038,43
11.06.2019	18:15:00	11.202,77	10.912,92	18.963,36
11.06.2019	18:30:00	11.123,10	10.904,83	18.906,61
11.06.2019	18:45:00	11.035,55	10.844,14	18.688,82
11.06.2019	19:00:00	10.864,04	10.549,96	18.223,21
11.06.2019	19:15:00	10.914,07	10.406,36	18.046,46
11.06.2019	19:30:00	10.775,52	10.279,41	17.931,64
11.06.2019	19:45:00	10.764,95	10.328,86	17.829,36
11.06.2019	20:00:00	10.675,10	10.236,51	17.665,40
11.06.2019	20:15:00	10.577,69	10.173,38	17.518,45
11.06.2019	20:30:00	10.510,95	10.172,74	17.441,04
11.06.2019	20:45:00	10.388,66	10.100,64	17.259,78
11.06.2019	21:00:00	10.145,59	10.090,00	17.055,94
11.06.2019	21:15:00	10.026,86	10.005,23	16.817,60
11.06.2019	21:30:00	10.312,71	10.377,72	17.103,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.06.2019	21:45:00	10.440,78	10.484,71	17.140,00
11.06.2019	22:00:00	10.196,05	10.240,46	16.699,67
11.06.2019	22:15:00	9.860,28	9.898,18	16.172,53
11.06.2019	22:30:00	9.521,63	9.557,93	15.577,02
11.06.2019	22:45:00	9.194,33	9.199,17	14.977,34
11.06.2019	23:00:00	8.851,01	8.833,60	14.502,67
11.06.2019	23:15:00	8.388,14	8.367,34	13.921,28
11.06.2019	23:30:00	7.855,14	7.863,08	13.381,26
11.06.2019	23:45:00	7.429,11	7.451,95	12.961,14
12.06.2019	00:00:00	7.079,29	7.110,33	12.547,02
12.06.2019	00:15:00	6.785,44	6.829,85	12.133,72
12.06.2019	00:30:00	6.449,44	6.448,28	11.795,55
12.06.2019	00:45:00	6.249,32	6.247,68	11.558,47
12.06.2019	01:00:00	6.040,96	6.003,11	11.405,18
12.06.2019	01:15:00	5.900,41	5.863,12	11.144,78
12.06.2019	01:30:00	5.828,48	5.802,03	11.118,20
12.06.2019	01:45:00	5.690,50	5.662,67	10.936,88
12.06.2019	02:00:00	5.658,01	5.630,75	10.839,70
12.06.2019	02:15:00	5.632,53	5.604,12	10.745,03
12.06.2019	02:30:00	5.595,56	5.604,98	10.701,47
12.06.2019	02:45:00	5.604,07	5.627,57	10.716,38
12.06.2019	03:00:00	5.595,97	5.618,10	10.838,40
12.06.2019	03:15:00	5.528,59	5.548,34	10.718,05
12.06.2019	03:30:00	5.521,35	5.531,32	10.761,39
12.06.2019	03:45:00	5.474,11	5.483,72	10.562,42
12.06.2019	04:00:00	5.542,89	5.551,86	10.657,48
12.06.2019	04:15:00	5.624,80	5.637,91	11.230,30
12.06.2019	04:30:00	5.707,53	5.702,85	11.449,17
12.06.2019	04:45:00	5.848,34	5.819,84	11.506,32
12.06.2019	05:00:00	5.966,61	5.950,40	11.999,57
12.06.2019	05:15:00	6.368,81	6.369,97	12.755,55
12.06.2019	05:30:00	6.352,71	6.352,13	12.934,31
12.06.2019	05:45:00	6.376,49	6.382,64	13.281,08
12.06.2019	06:00:00	6.638,25	6.615,98	14.140,57
12.06.2019	06:15:00	6.921,67	6.828,74	15.502,68
12.06.2019	06:30:00	7.215,11	6.955,01	16.494,78
12.06.2019	06:45:00	7.482,43	7.204,13	17.307,45
12.06.2019	07:00:00	7.865,89	7.589,87	18.288,46
12.06.2019	07:15:00	8.184,46	7.893,11	18.776,80
12.06.2019	07:30:00	8.465,64	8.155,83	19.553,09
12.06.2019	07:45:00	8.822,23	8.243,43	19.934,98
12.06.2019	08:00:00	9.179,48	8.781,47	20.821,43
12.06.2019	08:15:00	9.490,43	9.102,76	21.356,38
12.06.2019	08:30:00	9.696,34	8.998,76	21.057,43
12.06.2019	08:45:00	10.029,98	9.781,36	22.062,77
12.06.2019	09:00:00	10.204,29	9.610,57	21.656,73
12.06.2019	09:15:00	10.427,20	9.606,55	21.269,27
12.06.2019	09:30:00	10.490,97	9.869,09	21.596,74
12.06.2019	09:45:00	10.760,92	9.720,61	21.742,15
12.06.2019	10:00:00	11.039,28	10.299,59	22.735,61
12.06.2019	10:15:00	11.247,12	10.673,29	23.098,89
12.06.2019	10:30:00	11.472,92	11.314,65	24.181,60
12.06.2019	10:45:00	11.840,93	11.400,95	24.506,09
12.06.2019	11:00:00	11.652,85	10.934,28	23.980,72
12.06.2019	11:15:00	11.864,66	10.806,87	23.606,49
12.06.2019	11:30:00	11.879,39	10.565,24	22.951,86
12.06.2019	11:45:00	12.189,59	11.134,77	23.672,74
12.06.2019	12:00:00	12.286,61	11.333,41	23.663,74
12.06.2019	12:15:00	12.276,46	11.572,47	23.333,71
12.06.2019	12:30:00	12.409,84	11.838,77	23.171,52
12.06.2019	12:45:00	12.112,98	11.371,35	22.722,55
12.06.2019	13:00:00	11.817,85	10.604,80	22.367,80
12.06.2019	13:15:00	11.609,43	10.079,18	21.955,53
12.06.2019	13:30:00	11.409,08	7.952,06	19.615,09
12.06.2019	13:45:00	10.965,39	8.300,88	20.195,47
12.06.2019	14:00:00	11.357,90	7.027,38	18.700,70
12.06.2019	14:15:00	10.127,16	7.056,63	18.607,74
12.06.2019	14:30:00	10.524,53	6.619,46	17.932,99
12.06.2019	14:45:00	11.536,32	5.495,95	16.597,77
12.06.2019	15:00:00	10.530,79	6.000,02	17.044,06
12.06.2019	15:15:00	11.139,40	6.567,70	17.252,90

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.06.2019	15:30:00	10.080,67	6.589,17	16.998,44
12.06.2019	15:45:00	10.092,29	7.199,52	17.491,68
12.06.2019	16:00:00	9.618,41	6.782,36	16.693,86
12.06.2019	16:15:00	10.851,50	6.411,77	15.963,50
12.06.2019	16:30:00	11.277,33	6.471,67	15.953,10
12.06.2019	16:45:00	10.424,31	6.610,99	15.948,95
12.06.2019	17:00:00	11.224,88	6.429,47	15.411,43
12.06.2019	17:15:00	11.388,44	6.582,29	15.344,74
12.06.2019	17:30:00	12.136,12	7.290,25	15.939,40
12.06.2019	17:45:00	11.660,44	7.453,39	15.974,48
12.06.2019	18:00:00	11.496,51	7.776,03	16.126,71
12.06.2019	18:15:00	10.717,07	8.302,25	16.326,96
12.06.2019	18:30:00	10.529,87	8.460,60	16.394,38
12.06.2019	18:45:00	11.739,23	8.679,39	16.390,52
12.06.2019	19:00:00	11.554,09	8.830,02	16.584,27
12.06.2019	19:15:00	10.945,08	8.804,24	16.459,35
12.06.2019	19:30:00	10.959,41	9.000,28	16.654,84
12.06.2019	19:45:00	10.745,66	9.174,66	16.745,54
12.06.2019	20:00:00	10.223,85	9.415,44	16.924,05
12.06.2019	20:15:00	10.350,90	9.543,47	17.106,25
12.06.2019	20:30:00	10.140,57	9.612,58	17.112,22
12.06.2019	20:45:00	9.816,72	9.370,97	16.668,78
12.06.2019	21:00:00	9.685,65	9.303,65	16.453,42
12.06.2019	21:15:00	9.719,03	9.367,85	16.533,74
12.06.2019	21:30:00	9.920,20	9.663,29	16.709,65
12.06.2019	21:45:00	9.780,80	9.586,08	16.544,66
12.06.2019	22:00:00	9.994,62	9.798,08	16.594,51
12.06.2019	22:15:00	9.813,99	9.743,37	16.337,88
12.06.2019	22:30:00	9.588,10	9.536,25	16.026,72
12.06.2019	22:45:00	9.387,21	9.333,50	15.479,75
12.06.2019	23:00:00	9.050,74	8.991,43	14.919,64
12.06.2019	23:15:00	8.507,69	8.358,32	14.075,14
12.06.2019	23:30:00	8.051,70	7.836,23	13.464,45
12.06.2019	23:45:00	7.687,97	7.469,54	12.971,20
13.06.2019	00:00:00	7.252,55	7.034,73	12.593,62
13.06.2019	00:15:00	6.856,64	6.637,93	12.299,17
13.06.2019	00:30:00	6.631,50	6.442,16	12.108,91
13.06.2019	00:45:00	6.424,55	6.232,17	11.921,29
13.06.2019	01:00:00	6.227,21	6.035,60	11.612,17
13.06.2019	01:15:00	6.018,05	5.972,47	11.623,74
13.06.2019	01:30:00	5.900,42	5.820,46	11.324,38
13.06.2019	01:45:00	5.793,76	5.684,20	11.177,42
13.06.2019	02:00:00	5.692,24	5.581,76	11.103,74
13.06.2019	02:15:00	5.707,16	5.596,20	11.031,06
13.06.2019	02:30:00	5.638,02	5.539,43	10.963,06
13.06.2019	02:45:00	5.560,07	5.492,68	10.930,76
13.06.2019	03:00:00	5.448,16	5.396,13	11.071,99
13.06.2019	03:15:00	5.434,37	5.376,37	10.964,76
13.06.2019	03:30:00	5.408,90	5.306,37	10.802,62
13.06.2019	03:45:00	5.350,54	5.280,18	10.686,84
13.06.2019	04:00:00	5.420,46	5.358,00	10.708,05
13.06.2019	04:15:00	5.529,92	5.466,59	10.956,40
13.06.2019	04:30:00	5.584,17	5.517,40	11.016,64
13.06.2019	04:45:00	5.754,89	5.699,50	11.174,68
13.06.2019	05:00:00	5.955,34	5.904,58	11.456,11
13.06.2019	05:15:00	6.143,70	6.092,52	12.064,27
13.06.2019	05:30:00	5.986,31	5.893,52	12.159,26
13.06.2019	05:45:00	6.285,17	6.195,64	12.776,77
13.06.2019	06:00:00	6.527,79	6.415,06	13.638,11
13.06.2019	06:15:00	6.766,40	6.662,64	15.130,25
13.06.2019	06:30:00	7.244,44	7.100,45	16.462,34
13.06.2019	06:45:00	7.483,71	7.247,33	16.850,90
13.06.2019	07:00:00	7.841,59	7.364,13	17.405,98
13.06.2019	07:15:00	8.161,74	7.407,10	17.868,18
13.06.2019	07:30:00	8.497,95	7.554,71	18.342,42
13.06.2019	07:45:00	8.798,07	7.727,54	18.691,86
13.06.2019	08:00:00	8.412,39	6.756,37	17.985,88
13.06.2019	08:15:00	8.540,84	7.145,94	18.429,72
13.06.2019	08:30:00	8.393,39	7.564,72	18.870,99
13.06.2019	08:45:00	8.669,02	7.092,46	18.523,51
13.06.2019	09:00:00	8.632,88	6.457,82	17.811,06

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13.06.2019	09:15:00	9.000,44	6.756,22	17.649,15
13.06.2019	09:30:00	9.141,82	6.522,67	17.368,67
13.06.2019	09:45:00	9.941,48	6.935,53	18.163,92
13.06.2019	10:00:00	10.737,99	7.581,99	19.096,95
13.06.2019	10:15:00	10.566,61	7.183,00	18.715,40
13.06.2019	10:30:00	10.735,05	6.518,31	18.295,48
13.06.2019	10:45:00	9.710,35	5.788,67	17.588,60
13.06.2019	11:00:00	9.078,72	6.910,61	18.928,59
13.06.2019	11:15:00	9.656,18	7.018,54	19.216,83
13.06.2019	11:30:00	10.954,36	7.574,84	19.708,93
13.06.2019	11:45:00	10.711,36	9.068,83	21.409,19
13.06.2019	12:00:00	11.091,82	9.905,41	21.977,34
13.06.2019	12:15:00	10.602,21	9.178,29	20.752,24
13.06.2019	12:30:00	11.198,55	7.820,83	18.939,15
13.06.2019	12:45:00	10.635,88	5.541,24	16.701,70
13.06.2019	13:00:00	10.103,24	5.313,55	16.744,11
13.06.2019	13:15:00	10.415,21	4.529,30	16.102,81
13.06.2019	13:30:00	9.615,03	4.551,62	16.225,39
13.06.2019	13:45:00	10.832,92	5.728,58	17.798,61
13.06.2019	14:00:00	10.298,97	5.778,42	17.469,18
13.06.2019	14:15:00	9.356,89	5.655,79	17.111,86
13.06.2019	14:30:00	10.416,35	4.789,75	16.011,92
13.06.2019	14:45:00	10.585,26	4.522,19	15.718,77
13.06.2019	15:00:00	9.864,91	4.939,08	15.853,97
13.06.2019	15:15:00	10.545,15	4.603,60	15.487,38
13.06.2019	15:30:00	11.141,15	5.415,76	16.050,11
13.06.2019	15:45:00	10.518,82	4.698,16	15.016,97
13.06.2019	16:00:00	10.535,21	4.987,19	15.218,27
13.06.2019	16:15:00	8.938,89	5.943,50	15.916,20
13.06.2019	16:30:00	10.746,53	5.870,22	15.749,70
13.06.2019	16:45:00	11.082,88	5.850,83	15.398,57
13.06.2019	17:00:00	10.573,71	5.985,75	15.316,55
13.06.2019	17:15:00	10.489,62	6.355,89	15.516,44
13.06.2019	17:30:00	9.545,18	7.211,94	16.222,94
13.06.2019	17:45:00	10.242,81	7.383,18	16.287,87
13.06.2019	18:00:00	11.323,57	7.474,90	16.207,16
13.06.2019	18:15:00	11.688,21	8.175,62	16.812,08
13.06.2019	18:30:00	10.855,35	8.475,48	16.892,99
13.06.2019	18:45:00	10.083,25	8.668,07	16.839,00
13.06.2019	19:00:00	10.502,82	8.454,10	16.665,15
13.06.2019	19:15:00	10.096,81	8.828,77	16.801,19
13.06.2019	19:30:00	10.739,26	8.745,67	16.496,47
13.06.2019	19:45:00	10.584,58	8.989,60	16.672,55
13.06.2019	20:00:00	10.365,89	9.072,00	16.644,14
13.06.2019	20:15:00	9.894,59	8.888,08	16.447,69
13.06.2019	20:30:00	9.683,20	8.940,85	16.348,87
13.06.2019	20:45:00	9.493,38	8.947,91	16.344,06
13.06.2019	21:00:00	9.345,38	8.927,52	16.201,44
13.06.2019	21:15:00	9.368,12	9.019,14	16.170,82
13.06.2019	21:30:00	9.500,96	9.188,10	16.294,47
13.06.2019	21:45:00	9.373,60	9.032,77	15.795,90
13.06.2019	22:00:00	9.490,80	9.182,07	15.815,92
13.06.2019	22:15:00	9.672,22	9.395,34	15.944,63
13.06.2019	22:30:00	9.370,87	9.121,35	15.385,47
13.06.2019	22:45:00	9.215,97	8.942,65	15.026,82
13.06.2019	23:00:00	8.862,17	8.552,16	14.500,13
13.06.2019	23:15:00	8.320,47	8.008,20	13.742,80
13.06.2019	23:30:00	7.893,30	7.570,93	13.161,65
13.06.2019	23:45:00	7.510,03	7.182,47	12.759,76
14.06.2019	00:00:00	7.048,36	6.724,64	12.212,75
14.06.2019	00:15:00	6.680,90	6.401,83	11.878,73
14.06.2019	00:30:00	6.444,55	6.149,87	11.922,98
14.06.2019	00:45:00	6.209,52	5.918,77	11.623,48
14.06.2019	01:00:00	6.090,56	5.813,00	11.558,24
14.06.2019	01:15:00	5.894,68	5.678,97	11.420,22
14.06.2019	01:30:00	5.780,11	5.477,30	11.121,03
14.06.2019	01:45:00	5.677,33	5.392,99	10.961,03
14.06.2019	02:00:00	5.581,88	5.291,75	10.763,69
14.06.2019	02:15:00	5.577,02	5.207,43	10.680,76
14.06.2019	02:30:00	5.542,67	5.176,43	10.572,96
14.06.2019	02:45:00	5.537,22	5.174,68	10.593,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.06.2019	03:00:00	5.482,49	5.118,88	10.406,05
14.06.2019	03:15:00	5.506,47	5.186,28	10.529,99
14.06.2019	03:30:00	5.409,61	5.235,06	10.604,40
14.06.2019	03:45:00	5.389,27	5.190,21	10.574,35
14.06.2019	04:00:00	5.494,83	5.288,99	10.721,57
14.06.2019	04:15:00	5.446,52	5.254,69	10.725,38
14.06.2019	04:30:00	5.668,01	5.512,50	10.930,70
14.06.2019	04:45:00	5.768,00	5.568,05	11.067,90
14.06.2019	05:00:00	5.684,12	5.472,67	11.386,06
14.06.2019	05:15:00	5.921,57	5.668,58	11.655,50
14.06.2019	05:30:00	5.863,31	5.607,93	11.657,64
14.06.2019	05:45:00	6.207,39	5.917,02	12.257,00
14.06.2019	06:00:00	6.233,07	5.880,36	12.933,08
14.06.2019	06:15:00	6.625,53	6.218,57	14.416,08
14.06.2019	06:30:00	6.870,58	6.304,74	15.194,75
14.06.2019	06:45:00	6.936,96	6.346,44	15.725,37
14.06.2019	07:00:00	7.197,32	6.578,99	16.515,99
14.06.2019	07:15:00	7.357,25	6.683,09	16.996,96
14.06.2019	07:30:00	7.475,01	6.755,20	17.139,15
14.06.2019	07:45:00	7.524,98	6.705,40	16.890,68
14.06.2019	08:00:00	7.738,91	6.601,42	17.064,06
14.06.2019	08:15:00	8.071,16	6.623,98	17.302,58
14.06.2019	08:30:00	8.356,76	6.798,57	17.866,20
14.06.2019	08:45:00	9.017,04	7.425,85	18.631,35
14.06.2019	09:00:00	8.860,52	6.882,99	18.191,27
14.06.2019	09:15:00	8.512,59	6.320,88	16.960,96
14.06.2019	09:30:00	8.816,22	5.705,82	16.534,50
14.06.2019	09:45:00	9.335,95	5.873,77	17.229,29
14.06.2019	10:00:00	9.864,97	6.824,23	18.352,96
14.06.2019	10:15:00	10.115,65	7.578,33	19.200,05
14.06.2019	10:30:00	10.154,21	7.509,64	19.100,34
14.06.2019	10:45:00	10.240,70	7.005,60	18.778,26
14.06.2019	11:00:00	9.851,65	5.386,66	16.930,00
14.06.2019	11:15:00	10.616,86	6.787,43	18.631,35
14.06.2019	11:30:00	10.167,40	5.198,38	16.821,10
14.06.2019	11:45:00	10.681,63	5.553,33	17.165,22
14.06.2019	12:00:00	10.854,44	5.701,73	17.059,82
14.06.2019	12:15:00	10.903,28	5.437,88	16.278,12
14.06.2019	12:30:00	10.877,11	6.536,27	17.258,52
14.06.2019	12:45:00	10.691,32	6.656,83	17.367,16
14.06.2019	13:00:00	10.499,33	4.757,18	15.150,36
14.06.2019	13:15:00	10.265,24	5.551,90	15.913,42
14.06.2019	13:30:00	10.413,72	6.234,64	16.684,91
14.06.2019	13:45:00	10.230,17	5.802,00	16.159,74
14.06.2019	14:00:00	9.891,11	4.880,87	15.320,38
14.06.2019	14:15:00	9.869,40	4.889,74	15.207,87
14.06.2019	14:30:00	10.015,33	6.200,64	16.605,21
14.06.2019	14:45:00	9.803,52	5.048,08	15.510,14
14.06.2019	15:00:00	9.846,30	7.067,64	17.198,68
14.06.2019	15:15:00	10.053,15	7.243,05	17.195,70
14.06.2019	15:30:00	10.008,93	6.592,41	16.279,45
14.06.2019	15:45:00	10.193,25	6.760,48	16.400,04
14.06.2019	16:00:00	10.021,73	6.873,44	16.184,43
14.06.2019	16:15:00	9.932,13	7.900,39	17.034,82
14.06.2019	16:30:00	9.954,53	7.411,07	16.534,96
14.06.2019	16:45:00	9.933,69	7.563,63	16.411,86
14.06.2019	17:00:00	9.807,17	7.635,77	16.357,05
14.06.2019	17:15:00	9.898,69	8.238,30	16.881,60
14.06.2019	17:30:00	10.273,16	7.923,59	16.493,62
14.06.2019	17:45:00	10.216,76	8.171,80	16.555,58
14.06.2019	18:00:00	10.638,94	7.927,73	15.978,21
14.06.2019	18:15:00	10.829,87	8.079,21	15.891,47
14.06.2019	18:30:00	10.912,91	8.180,32	16.011,50
14.06.2019	18:45:00	10.764,08	8.154,61	15.825,82
14.06.2019	19:00:00	10.599,18	8.453,25	16.210,55
14.06.2019	19:15:00	10.211,96	8.802,44	16.439,65
14.06.2019	19:30:00	10.001,10	9.012,31	16.487,07
14.06.2019	19:45:00	9.806,62	9.190,04	16.438,87
14.06.2019	20:00:00	9.698,94	9.225,11	16.244,12
14.06.2019	20:15:00	9.717,35	9.287,52	16.085,09
14.06.2019	20:30:00	9.516,13	9.159,58	15.713,58

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.06.2019	20:45:00	9.420,06	9.196,32	15.605,44
14.06.2019	21:00:00	9.332,61	9.124,83	15.402,18
14.06.2019	21:15:00	9.269,02	9.143,69	15.234,22
14.06.2019	21:30:00	9.350,94	9.253,02	15.314,65
14.06.2019	21:45:00	9.367,59	9.275,16	15.444,21
14.06.2019	22:00:00	9.517,43	9.398,49	15.436,65
14.06.2019	22:15:00	9.585,73	9.496,95	15.486,72
14.06.2019	22:30:00	9.436,12	9.323,81	15.131,53
14.06.2019	22:45:00	9.309,41	9.203,12	14.629,45
14.06.2019	23:00:00	9.059,61	8.962,38	14.120,88
14.06.2019	23:15:00	8.541,73	8.432,71	13.479,13
14.06.2019	23:30:00	8.213,90	8.078,05	13.110,20
14.06.2019	23:45:00	7.764,43	7.655,82	12.664,18
15.06.2019	00:00:00	7.469,37	7.355,56	12.327,15
15.06.2019	00:15:00	7.128,85	6.978,33	11.905,29
15.06.2019	00:30:00	6.835,93	6.743,98	11.538,46
15.06.2019	00:45:00	6.653,67	6.584,78	11.392,76
15.06.2019	01:00:00	6.374,15	6.303,57	11.215,78
15.06.2019	01:15:00	6.167,22	6.097,05	11.029,99
15.06.2019	01:30:00	5.994,70	5.934,36	10.762,08
15.06.2019	01:45:00	5.916,47	5.824,68	10.662,68
15.06.2019	02:00:00	5.761,58	5.664,00	10.382,99
15.06.2019	02:15:00	5.639,00	5.519,85	10.145,17
15.06.2019	02:30:00	5.650,75	5.513,44	10.194,76
15.06.2019	02:45:00	5.535,35	5.437,87	10.095,72
15.06.2019	03:00:00	5.506,57	5.446,86	10.033,22
15.06.2019	03:15:00	5.414,94	5.358,54	9.852,98
15.06.2019	03:30:00	5.378,38	5.294,43	9.714,01
15.06.2019	03:45:00	5.358,80	5.223,66	9.505,17
15.06.2019	04:00:00	5.417,05	5.183,67	9.720,96
15.06.2019	04:15:00	5.470,50	5.235,40	9.674,94
15.06.2019	04:30:00	5.389,36	5.195,97	9.653,92
15.06.2019	04:45:00	5.488,35	5.299,32	9.815,76
15.06.2019	05:00:00	5.549,13	5.358,40	9.969,34
15.06.2019	05:15:00	5.454,57	5.252,62	10.009,22
15.06.2019	05:30:00	5.308,07	5.134,39	9.933,12
15.06.2019	05:45:00	5.546,53	5.405,91	10.204,09
15.06.2019	06:00:00	5.593,69	5.414,26	10.445,19
15.06.2019	06:15:00	5.757,88	5.508,76	10.681,99
15.06.2019	06:30:00	5.917,44	5.511,53	10.780,54
15.06.2019	06:45:00	6.105,86	5.634,25	10.935,66
15.06.2019	07:00:00	6.386,60	5.862,64	11.280,91
15.06.2019	07:15:00	6.571,11	5.781,18	11.218,06
15.06.2019	07:30:00	6.371,56	5.443,67	11.034,02
15.06.2019	07:45:00	6.473,26	5.647,63	11.167,25
15.06.2019	08:00:00	6.542,31	5.601,96	11.275,40
15.06.2019	08:15:00	6.986,60	5.875,56	11.661,54
15.06.2019	08:30:00	7.285,76	5.882,53	11.804,23
15.06.2019	08:45:00	7.911,67	6.740,69	12.707,12
15.06.2019	09:00:00	7.597,88	5.766,59	11.566,40
15.06.2019	09:15:00	7.906,83	5.620,69	11.390,96
15.06.2019	09:30:00	8.224,85	5.460,94	11.089,45
15.06.2019	09:45:00	8.747,66	5.255,50	10.843,31
15.06.2019	10:00:00	8.891,48	5.301,65	10.879,45
15.06.2019	10:15:00	8.893,81	5.503,38	11.131,96
15.06.2019	10:30:00	9.340,93	5.480,92	11.163,98
15.06.2019	10:45:00	9.569,80	5.270,22	10.898,31
15.06.2019	11:00:00	9.231,36	6.209,38	11.834,69
15.06.2019	11:15:00	10.169,43	6.107,88	11.663,94
15.06.2019	11:30:00	9.914,88	5.803,51	11.237,36
15.06.2019	11:45:00	10.380,76	6.272,66	11.658,33
15.06.2019	12:00:00	10.205,30	6.224,64	11.677,95
15.06.2019	12:15:00	11.179,35	5.602,95	10.926,14
15.06.2019	12:30:00	10.900,70	6.779,27	12.063,22
15.06.2019	12:45:00	10.138,07	8.068,63	13.398,58
15.06.2019	13:00:00	9.727,35	7.607,75	12.938,61
15.06.2019	13:15:00	9.986,85	7.295,55	12.523,10
15.06.2019	13:30:00	10.331,33	5.806,60	11.002,47
15.06.2019	13:45:00	9.479,17	6.230,44	11.315,49
15.06.2019	14:00:00	9.418,60	6.201,84	11.279,06
15.06.2019	14:15:00	10.033,81	5.442,20	10.413,41

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.06.2019	14:30:00	8.617,60	5.503,17	10.464,13
15.06.2019	14:45:00	9.536,47	4.904,75	9.788,86
15.06.2019	15:00:00	9.229,37	5.855,75	10.871,69
15.06.2019	15:15:00	9.790,91	5.482,79	10.409,65
15.06.2019	15:30:00	9.689,97	4.413,14	9.296,43
15.06.2019	15:45:00	9.462,61	4.194,93	9.118,41
15.06.2019	16:00:00	10.083,57	4.766,24	9.643,43
15.06.2019	16:15:00	8.966,24	5.490,60	10.362,54
15.06.2019	16:30:00	8.199,39	5.900,21	10.744,32
15.06.2019	16:45:00	8.639,40	5.317,45	10.136,03
15.06.2019	17:00:00	9.770,95	5.480,02	10.266,42
15.06.2019	17:15:00	10.076,75	5.085,21	9.843,01
15.06.2019	17:30:00	9.916,10	5.607,08	10.452,18
15.06.2019	17:45:00	10.233,09	5.760,96	10.559,94
15.06.2019	18:00:00	10.217,44	6.311,18	11.268,49
15.06.2019	18:15:00	10.338,36	6.411,21	11.377,79
15.06.2019	18:30:00	10.276,72	6.791,98	11.690,71
15.06.2019	18:45:00	10.226,53	7.227,82	12.114,86
15.06.2019	19:00:00	10.165,03	7.830,71	12.728,52
15.06.2019	19:15:00	10.108,41	8.098,90	13.006,50
15.06.2019	19:30:00	9.339,44	8.240,28	13.201,30
15.06.2019	19:45:00	9.774,94	8.314,59	13.239,10
15.06.2019	20:00:00	9.544,52	8.548,82	13.567,80
15.06.2019	20:15:00	9.394,76	8.353,10	13.224,80
15.06.2019	20:30:00	9.019,16	8.368,21	13.066,62
15.06.2019	20:45:00	8.918,99	8.579,92	13.265,16
15.06.2019	21:00:00	8.901,94	8.663,53	13.376,34
15.06.2019	21:15:00	8.929,74	8.831,39	13.378,00
15.06.2019	21:30:00	8.988,53	8.941,70	13.382,66
15.06.2019	21:45:00	8.861,07	8.745,80	13.170,02
15.06.2019	22:00:00	9.015,60	8.883,91	13.350,63
15.06.2019	22:15:00	9.194,23	9.066,79	13.524,01
15.06.2019	22:30:00	9.183,35	9.090,92	13.566,44
15.06.2019	22:45:00	8.952,55	8.875,12	13.257,67
15.06.2019	23:00:00	8.837,39	8.778,92	13.111,78
15.06.2019	23:15:00	8.527,72	8.416,39	12.571,38
15.06.2019	23:30:00	8.143,07	8.001,11	12.164,33
15.06.2019	23:45:00	7.862,62	7.714,12	11.799,25
16.06.2019	00:00:00	7.511,84	7.399,36	11.355,32
16.06.2019	00:15:00	7.193,66	7.087,98	10.786,55
16.06.2019	00:30:00	6.946,44	6.874,04	10.573,42
16.06.2019	00:45:00	6.683,33	6.581,96	10.290,75
16.06.2019	01:00:00	6.402,37	6.292,21	10.011,33
16.06.2019	01:15:00	6.131,36	6.051,49	9.839,08
16.06.2019	01:30:00	6.048,66	6.022,38	9.780,38
16.06.2019	01:45:00	5.954,81	5.920,77	9.651,63
16.06.2019	02:00:00	5.856,29	5.777,51	9.531,32
16.06.2019	02:15:00	5.706,51	5.636,58	9.336,97
16.06.2019	02:30:00	5.598,22	5.526,64	9.181,16
16.06.2019	02:45:00	5.493,72	5.367,37	8.949,23
16.06.2019	03:00:00	5.492,03	5.359,41	8.976,71
16.06.2019	03:15:00	5.446,46	5.314,28	8.864,41
16.06.2019	03:30:00	5.364,45	5.249,52	8.879,00
16.06.2019	03:45:00	5.289,04	5.177,55	8.691,82
16.06.2019	04:00:00	5.291,20	5.256,32	8.800,64
16.06.2019	04:15:00	5.314,83	5.243,00	8.759,19
16.06.2019	04:30:00	5.279,62	5.203,10	8.738,79
16.06.2019	04:45:00	5.364,23	5.328,80	8.867,44
16.06.2019	05:00:00	5.338,42	5.293,13	8.842,83
16.06.2019	05:15:00	5.470,78	5.396,39	8.971,38
16.06.2019	05:30:00	5.460,94	5.396,97	8.963,20
16.06.2019	05:45:00	5.168,51	5.000,94	8.606,38
16.06.2019	06:00:00	5.188,23	5.006,34	8.736,76
16.06.2019	06:15:00	5.262,54	5.080,28	8.774,78
16.06.2019	06:30:00	5.362,56	5.180,06	8.816,56
16.06.2019	06:45:00	5.479,92	5.193,16	8.897,41
16.06.2019	07:00:00	5.589,41	5.179,30	8.873,56
16.06.2019	07:15:00	5.693,70	5.144,90	8.825,95
16.06.2019	07:30:00	5.819,40	5.149,42	8.821,67
16.06.2019	07:45:00	6.126,94	5.315,36	9.021,55
16.06.2019	08:00:00	6.297,96	5.598,44	9.338,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.06.2019	08:15:00	6.531,82	5.963,23	9.761,00
16.06.2019	08:30:00	6.958,81	5.936,80	9.710,98
16.06.2019	08:45:00	7.084,37	5.695,05	9.397,49
16.06.2019	09:00:00	7.614,82	6.007,02	9.745,82
16.06.2019	09:15:00	7.714,90	6.418,81	10.132,50
16.06.2019	09:30:00	7.734,11	6.669,86	10.494,37
16.06.2019	09:45:00	7.969,98	7.415,71	11.266,31
16.06.2019	10:00:00	8.668,43	7.503,35	11.382,78
16.06.2019	10:15:00	8.762,83	7.305,43	11.410,92
16.06.2019	10:30:00	8.929,79	7.248,76	11.424,28
16.06.2019	10:45:00	8.842,44	7.356,11	11.587,14
16.06.2019	11:00:00	9.906,33	7.581,85	11.786,44
16.06.2019	11:15:00	9.989,95	7.282,53	11.458,36
16.06.2019	11:30:00	10.398,56	7.302,70	11.434,75
16.06.2019	11:45:00	10.830,23	7.452,54	11.646,11
16.06.2019	12:00:00	11.154,48	7.112,25	11.223,78
16.06.2019	12:15:00	9.870,32	7.562,59	11.689,27
16.06.2019	12:30:00	10.508,43	8.553,29	12.702,52
16.06.2019	12:45:00	10.349,05	8.275,99	12.418,76
16.06.2019	13:00:00	10.342,51	8.309,60	12.512,00
16.06.2019	13:15:00	10.000,83	8.387,72	12.589,11
16.06.2019	13:30:00	8.964,50	6.333,74	10.518,16
16.06.2019	13:45:00	10.470,46	4.044,02	8.187,94
16.06.2019	14:00:00	9.922,12	4.637,45	8.806,17
16.06.2019	14:15:00	9.200,14	4.492,20	8.649,98
16.06.2019	14:30:00	8.944,41	4.048,56	8.203,52
16.06.2019	14:45:00	9.219,38	4.070,96	8.180,49
16.06.2019	15:00:00	9.027,52	3.556,78	7.652,55
16.06.2019	15:15:00	9.716,71	4.939,37	9.004,00
16.06.2019	15:30:00	8.232,45	6.821,85	10.947,02
16.06.2019	15:45:00	8.666,46	7.649,60	11.548,07
16.06.2019	16:00:00	8.535,14	7.582,16	11.583,45
16.06.2019	16:15:00	8.634,22	7.396,13	11.359,49
16.06.2019	16:30:00	8.729,57	7.159,34	11.069,50
16.06.2019	16:45:00	8.885,33	6.926,54	10.805,84
16.06.2019	17:00:00	8.639,78	6.520,64	10.321,68
16.06.2019	17:15:00	8.647,01	6.732,23	10.577,51
16.06.2019	17:30:00	8.727,33	6.989,12	10.756,77
16.06.2019	17:45:00	9.195,42	6.864,46	10.644,61
16.06.2019	18:00:00	9.898,86	5.958,32	9.692,61
16.06.2019	18:15:00	9.973,52	5.999,58	9.760,62
16.06.2019	18:30:00	10.105,70	6.628,60	10.445,81
16.06.2019	18:45:00	10.248,67	7.169,12	10.970,14
16.06.2019	19:00:00	10.283,65	7.658,74	11.523,10
16.06.2019	19:15:00	10.061,91	7.834,71	11.609,41
16.06.2019	19:30:00	10.026,54	8.099,65	11.908,09
16.06.2019	19:45:00	9.688,66	8.407,47	12.307,36
16.06.2019	20:00:00	9.130,74	8.516,16	12.359,49
16.06.2019	20:15:00	9.138,85	8.779,70	12.585,47
16.06.2019	20:30:00	9.206,95	8.926,39	12.807,17
16.06.2019	20:45:00	9.148,24	8.867,75	12.762,34
16.06.2019	21:00:00	8.912,58	8.577,11	12.474,04
16.06.2019	21:15:00	8.758,46	8.480,29	12.361,14
16.06.2019	21:30:00	8.950,68	8.754,75	12.654,16
16.06.2019	21:45:00	8.911,59	8.773,80	12.816,91
16.06.2019	22:00:00	9.025,30	8.947,43	13.024,76
16.06.2019	22:15:00	9.264,34	9.219,97	13.444,56
16.06.2019	22:30:00	9.048,41	8.975,98	13.219,69
16.06.2019	22:45:00	8.903,86	8.817,26	12.880,07
16.06.2019	23:00:00	8.652,96	8.551,69	12.641,53
16.06.2019	23:15:00	8.255,63	8.161,96	12.208,31
16.06.2019	23:30:00	7.766,98	7.656,33	11.840,78
16.06.2019	23:45:00	7.333,41	7.179,39	11.323,90
17.06.2019	00:00:00	6.955,13	6.820,43	10.925,39
17.06.2019	00:15:00	6.586,65	6.507,29	10.595,80
17.06.2019	00:30:00	6.320,33	6.158,57	10.371,06
17.06.2019	00:45:00	6.156,68	5.978,15	10.374,84
17.06.2019	01:00:00	6.053,41	5.889,01	10.217,29
17.06.2019	01:15:00	5.963,39	5.832,57	10.176,40
17.06.2019	01:30:00	5.812,36	5.683,33	9.941,42
17.06.2019	01:45:00	5.823,63	5.718,93	9.919,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.06.2019	02:00:00	5.653,32	5.584,60	9.843,00
17.06.2019	02:15:00	5.523,93	5.395,06	9.590,99
17.06.2019	02:30:00	5.476,67	5.251,02	9.430,64
17.06.2019	02:45:00	5.310,91	5.068,61	9.246,50
17.06.2019	03:00:00	5.391,75	5.155,66	9.319,63
17.06.2019	03:15:00	5.337,55	5.101,67	9.337,79
17.06.2019	03:30:00	5.321,31	5.122,02	9.397,03
17.06.2019	03:45:00	5.289,31	5.124,16	9.433,59
17.06.2019	04:00:00	5.418,38	5.185,03	9.565,33
17.06.2019	04:15:00	5.585,11	5.372,86	9.672,23
17.06.2019	04:30:00	5.558,56	5.417,76	9.926,37
17.06.2019	04:45:00	5.759,54	5.618,51	10.110,16
17.06.2019	05:00:00	5.620,74	5.480,45	10.396,25
17.06.2019	05:15:00	5.838,19	5.682,76	11.304,08
17.06.2019	05:30:00	5.809,31	5.584,96	11.436,56
17.06.2019	05:45:00	6.153,32	5.905,16	12.042,96
17.06.2019	06:00:00	6.356,98	6.060,31	12.887,52
17.06.2019	06:15:00	6.693,95	6.338,51	14.536,81
17.06.2019	06:30:00	6.913,51	6.455,08	15.110,82
17.06.2019	06:45:00	6.913,96	6.445,32	15.465,89
17.06.2019	07:00:00	7.218,73	6.585,25	16.139,83
17.06.2019	07:15:00	7.643,80	6.944,35	16.852,51
17.06.2019	07:30:00	7.848,16	6.917,40	17.283,80
17.06.2019	07:45:00	7.857,36	6.807,30	17.396,30
17.06.2019	08:00:00	7.612,59	6.504,12	17.196,77
17.06.2019	08:15:00	7.635,37	6.484,31	17.332,95
17.06.2019	08:30:00	7.658,69	6.212,39	17.109,90
17.06.2019	08:45:00	7.983,74	6.204,39	17.275,74
17.06.2019	09:00:00	8.135,27	5.970,12	17.122,84
17.06.2019	09:15:00	8.526,08	5.975,41	16.752,94
17.06.2019	09:30:00	8.653,11	5.758,74	16.739,35
17.06.2019	09:45:00	8.998,54	5.881,88	17.031,32
17.06.2019	10:00:00	9.157,42	5.732,36	17.048,42
17.06.2019	10:15:00	9.380,66	5.641,77	17.079,81
17.06.2019	10:30:00	9.435,82	5.363,34	16.831,49
17.06.2019	10:45:00	9.519,13	5.162,00	16.568,40
17.06.2019	11:00:00	9.584,89	4.980,11	16.530,33
17.06.2019	11:15:00	9.888,08	5.024,84	16.795,76
17.06.2019	11:30:00	10.286,69	5.158,67	17.015,00
17.06.2019	11:45:00	10.510,74	5.164,75	16.992,80
17.06.2019	12:00:00	10.836,59	5.198,83	16.806,94
17.06.2019	12:15:00	10.833,58	5.033,42	16.501,04
17.06.2019	12:30:00	10.785,88	4.845,22	15.863,72
17.06.2019	12:45:00	10.540,68	4.490,75	15.886,62
17.06.2019	13:00:00	10.210,54	4.210,95	15.675,70
17.06.2019	13:15:00	10.309,09	4.106,26	15.589,45
17.06.2019	13:30:00	10.183,18	3.959,75	15.551,88
17.06.2019	13:45:00	10.111,09	3.938,61	15.462,96
17.06.2019	14:00:00	10.463,06	4.216,72	15.636,21
17.06.2019	14:15:00	10.470,34	4.335,40	15.507,31
17.06.2019	14:30:00	10.352,04	4.448,44	15.436,70
17.06.2019	14:45:00	10.844,46	4.951,98	15.718,17
17.06.2019	15:00:00	9.756,72	4.546,90	15.316,89
17.06.2019	15:15:00	10.718,82	4.655,82	15.149,61
17.06.2019	15:30:00	11.094,97	4.933,18	15.212,11
17.06.2019	15:45:00	11.021,16	5.192,68	15.248,03
17.06.2019	16:00:00	10.472,53	5.495,79	15.261,33
17.06.2019	16:15:00	9.712,14	5.367,98	14.846,70
17.06.2019	16:30:00	9.473,50	5.930,55	15.205,23
17.06.2019	16:45:00	11.634,15	6.107,19	15.222,55
17.06.2019	17:00:00	10.047,92	6.076,26	14.894,02
17.06.2019	17:15:00	10.733,05	6.538,25	15.145,25
17.06.2019	17:30:00	11.221,38	6.351,60	14.749,54
17.06.2019	17:45:00	10.935,15	6.972,99	15.371,10
17.06.2019	18:00:00	11.096,18	7.173,66	15.490,51
17.06.2019	18:15:00	11.582,35	7.813,62	15.997,90
17.06.2019	18:30:00	10.841,05	8.289,08	16.313,22
17.06.2019	18:45:00	10.607,94	8.606,50	16.567,19
17.06.2019	19:00:00	11.296,64	8.650,08	16.636,40
17.06.2019	19:15:00	11.032,25	8.769,25	16.729,87
17.06.2019	19:30:00	10.856,27	8.870,05	16.843,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.06.2019	19:45:00	10.540,25	8.912,63	16.900,98
17.06.2019	20:00:00	10.252,30	9.020,48	16.925,57
17.06.2019	20:15:00	10.110,57	9.174,24	16.903,04
17.06.2019	20:30:00	9.884,72	9.229,51	16.937,47
17.06.2019	20:45:00	9.631,53	9.177,14	16.859,99
17.06.2019	21:00:00	9.334,53	8.971,11	16.453,28
17.06.2019	21:15:00	9.483,26	9.181,00	16.550,50
17.06.2019	21:30:00	9.445,67	9.207,02	16.390,06
17.06.2019	21:45:00	9.342,32	9.110,75	16.259,40
17.06.2019	22:00:00	9.524,45	9.267,29	16.138,35
17.06.2019	22:15:00	9.699,84	9.461,96	16.016,36
17.06.2019	22:30:00	9.454,70	9.208,50	15.558,18
17.06.2019	22:45:00	9.203,48	8.955,00	15.015,70
17.06.2019	23:00:00	8.802,36	8.563,40	14.566,60
17.06.2019	23:15:00	8.239,26	8.002,29	13.831,56
17.06.2019	23:30:00	7.877,57	7.628,52	13.377,26
17.06.2019	23:45:00	7.479,80	7.247,64	12.856,46
18.06.2019	00:00:00	7.135,96	6.861,83	12.414,18
18.06.2019	00:15:00	6.737,96	6.229,84	11.753,82
18.06.2019	00:30:00	6.431,90	5.915,94	11.444,60
18.06.2019	00:45:00	6.258,11	5.786,64	11.277,11
18.06.2019	01:00:00	6.017,53	5.548,83	10.831,48
18.06.2019	01:15:00	5.843,01	5.406,78	10.694,74
18.06.2019	01:30:00	5.762,80	5.366,07	10.673,80
18.06.2019	01:45:00	5.669,35	5.272,32	10.443,18
18.06.2019	02:00:00	5.622,47	5.190,15	10.244,21
18.06.2019	02:15:00	5.552,09	5.082,12	10.107,40
18.06.2019	02:30:00	5.464,75	4.977,69	9.948,53
18.06.2019	02:45:00	5.340,27	4.854,96	9.837,63
18.06.2019	03:00:00	5.340,13	4.875,66	9.892,19
18.06.2019	03:15:00	5.329,12	4.863,29	9.841,72
18.06.2019	03:30:00	5.287,47	4.811,43	9.661,64
18.06.2019	03:45:00	5.295,63	4.865,30	9.712,86
18.06.2019	04:00:00	5.299,68	4.870,95	9.706,93
18.06.2019	04:15:00	5.347,96	4.920,48	9.792,32
18.06.2019	04:30:00	5.472,10	5.239,33	10.168,78
18.06.2019	04:45:00	5.602,75	5.454,59	10.404,06
18.06.2019	05:00:00	5.521,78	5.311,78	10.634,47
18.06.2019	05:15:00	5.734,31	5.340,18	10.983,84
18.06.2019	05:30:00	5.727,52	5.330,10	11.349,95
18.06.2019	05:45:00	5.962,91	5.493,56	12.005,28
18.06.2019	06:00:00	6.187,14	5.507,23	12.673,65
18.06.2019	06:15:00	6.552,89	5.838,05	14.300,31
18.06.2019	06:30:00	6.846,89	6.163,64	15.505,37
18.06.2019	06:45:00	7.056,31	6.401,49	16.418,05
18.06.2019	07:00:00	7.271,02	6.556,84	16.966,44
18.06.2019	07:15:00	7.481,66	6.811,53	17.694,03
18.06.2019	07:30:00	7.472,02	6.751,17	17.918,26
18.06.2019	07:45:00	7.544,40	6.753,71	18.085,62
18.06.2019	08:00:00	7.727,29	6.799,69	18.233,38
18.06.2019	08:15:00	7.785,66	6.641,17	18.305,38
18.06.2019	08:30:00	7.880,39	6.404,73	18.154,20
18.06.2019	08:45:00	8.209,30	6.404,12	18.339,84
18.06.2019	09:00:00	8.504,62	6.372,59	18.179,44
18.06.2019	09:15:00	8.593,08	6.118,69	17.114,69
18.06.2019	09:30:00	8.724,59	6.097,77	17.002,06
18.06.2019	09:45:00	9.068,23	6.103,09	17.608,95
18.06.2019	10:00:00	9.196,30	5.935,61	17.499,77
18.06.2019	10:15:00	9.361,71	5.829,92	17.393,56
18.06.2019	10:30:00	9.577,20	5.769,14	17.751,16
18.06.2019	10:45:00	9.608,09	5.577,51	18.005,88
18.06.2019	11:00:00	9.670,18	5.402,87	17.996,94
18.06.2019	11:15:00	9.972,76	5.414,17	17.979,14
18.06.2019	11:30:00	10.203,94	5.424,11	17.981,52
18.06.2019	11:45:00	10.483,09	5.500,02	18.022,91
18.06.2019	12:00:00	10.437,17	5.302,16	17.587,74
18.06.2019	12:15:00	10.692,60	5.469,66	17.430,28
18.06.2019	12:30:00	10.622,15	5.189,96	16.838,38
18.06.2019	12:45:00	10.296,36	4.796,03	16.563,89
18.06.2019	13:00:00	10.252,00	4.663,68	16.743,74
18.06.2019	13:15:00	10.193,31	4.598,85	16.769,66

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.06.2019	13:30:00	10.057,10	4.445,66	16.845,86
18.06.2019	13:45:00	10.182,26	4.471,13	16.796,95
18.06.2019	14:00:00	10.077,23	4.382,48	16.585,05
18.06.2019	14:15:00	10.071,04	4.309,72	16.322,59
18.06.2019	14:30:00	10.108,50	4.322,33	16.206,39
18.06.2019	14:45:00	10.325,33	4.624,21	16.479,58
18.06.2019	15:00:00	10.308,45	4.691,52	16.330,37
18.06.2019	15:15:00	10.263,95	5.469,84	16.902,18
18.06.2019	15:30:00	10.491,05	5.251,65	16.436,83
18.06.2019	15:45:00	10.584,81	5.121,28	15.850,54
18.06.2019	16:00:00	10.690,19	5.601,05	16.038,69
18.06.2019	16:15:00	10.601,19	5.527,75	15.682,51
18.06.2019	16:30:00	10.541,04	5.605,90	15.434,48
18.06.2019	16:45:00	10.791,87	6.186,27	15.794,19
18.06.2019	17:00:00	10.886,58	6.572,55	16.053,02
18.06.2019	17:15:00	10.293,18	7.343,58	16.573,50
18.06.2019	17:30:00	10.110,85	8.766,48	17.761,81
18.06.2019	17:45:00	10.477,82	9.902,95	18.810,30
18.06.2019	18:00:00	10.524,00	10.203,00	19.156,60
18.06.2019	18:15:00	10.793,74	10.369,68	19.108,31
18.06.2019	18:30:00	10.884,42	10.147,37	18.706,44
18.06.2019	18:45:00	10.600,29	9.436,11	17.697,09
18.06.2019	19:00:00	10.429,62	9.313,60	17.623,69
18.06.2019	19:15:00	10.431,72	9.614,67	17.749,71
18.06.2019	19:30:00	10.265,70	9.661,63	17.665,45
18.06.2019	19:45:00	10.148,45	9.692,87	17.756,34
18.06.2019	20:00:00	10.090,47	9.743,97	17.495,26
18.06.2019	20:15:00	10.063,89	9.664,62	17.309,22
18.06.2019	20:30:00	9.793,77	9.303,55	16.841,62
18.06.2019	20:45:00	9.628,00	9.097,02	16.605,39
18.06.2019	21:00:00	9.341,75	8.945,23	16.378,91
18.06.2019	21:15:00	9.390,00	9.073,19	16.426,72
18.06.2019	21:30:00	9.503,73	9.291,10	16.420,54
18.06.2019	21:45:00	9.332,41	9.188,15	16.075,49
18.06.2019	22:00:00	9.545,82	9.372,35	15.909,88
18.06.2019	22:15:00	9.719,73	9.533,55	15.801,51
18.06.2019	22:30:00	9.319,22	9.132,11	15.217,54
18.06.2019	22:45:00	9.113,37	8.980,80	14.818,93
18.06.2019	23:00:00	8.798,03	8.723,04	14.530,99
18.06.2019	23:15:00	8.361,33	8.337,68	14.050,59
18.06.2019	23:30:00	7.874,33	7.858,35	13.434,13
18.06.2019	23:45:00	7.480,27	7.415,74	12.892,29
19.06.2019	00:00:00	7.090,68	6.976,83	12.466,18
19.06.2019	00:15:00	6.783,85	6.670,22	12.450,35
19.06.2019	00:30:00	6.438,87	6.321,95	12.041,37
19.06.2019	00:45:00	6.189,62	6.094,51	11.820,32
19.06.2019	01:00:00	5.953,53	5.876,64	11.629,07
19.06.2019	01:15:00	5.863,24	5.808,28	11.530,41
19.06.2019	01:30:00	5.715,14	5.638,49	11.425,38
19.06.2019	01:45:00	5.612,92	5.498,89	11.151,50
19.06.2019	02:00:00	5.548,61	5.447,65	10.998,20
19.06.2019	02:15:00	5.491,89	5.419,33	11.000,16
19.06.2019	02:30:00	5.486,64	5.447,17	10.988,72
19.06.2019	02:45:00	5.426,45	5.363,85	10.916,25
19.06.2019	03:00:00	5.319,75	5.287,31	10.918,87
19.06.2019	03:15:00	5.350,23	5.356,54	10.908,48
19.06.2019	03:30:00	5.328,52	5.329,69	10.929,85
19.06.2019	03:45:00	5.313,84	5.307,60	10.804,27
19.06.2019	04:00:00	5.346,43	5.345,02	10.937,91
19.06.2019	04:15:00	5.470,70	5.472,48	11.092,12
19.06.2019	04:30:00	5.536,95	5.550,89	11.112,74
19.06.2019	04:45:00	5.768,05	5.781,54	11.353,68
19.06.2019	05:00:00	5.819,63	5.809,52	11.545,78
19.06.2019	05:15:00	5.820,82	5.813,52	11.992,04
19.06.2019	05:30:00	5.896,32	5.907,30	12.378,48
19.06.2019	05:45:00	6.144,52	6.046,48	13.052,44
19.06.2019	06:00:00	6.300,42	6.111,10	13.740,94
19.06.2019	06:15:00	6.655,93	6.419,22	15.138,62
19.06.2019	06:30:00	7.003,59	6.615,20	16.168,97
19.06.2019	06:45:00	7.193,75	6.634,23	16.587,25
19.06.2019	07:00:00	7.454,76	6.900,51	17.310,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.06.2019	07:15:00	7.719,15	7.053,05	17.950,59
19.06.2019	07:30:00	7.785,91	6.818,00	17.856,88
19.06.2019	07:45:00	7.800,06	6.796,81	17.963,52
19.06.2019	08:00:00	7.944,10	6.799,64	18.443,73
19.06.2019	08:15:00	8.088,01	7.120,29	18.793,69
19.06.2019	08:30:00	8.281,17	7.243,70	19.090,64
19.06.2019	08:45:00	8.261,31	6.903,44	18.685,90
19.06.2019	09:00:00	8.561,45	6.780,48	18.531,51
19.06.2019	09:15:00	8.798,49	6.678,90	17.696,21
19.06.2019	09:30:00	9.016,82	6.508,86	17.529,48
19.06.2019	09:45:00	9.154,74	6.264,09	17.786,72
19.06.2019	10:00:00	9.408,60	6.210,02	18.020,66
19.06.2019	10:15:00	9.533,46	6.049,51	17.864,38
19.06.2019	10:30:00	9.605,98	5.806,26	17.751,79
19.06.2019	10:45:00	9.800,85	5.755,99	17.584,68
19.06.2019	11:00:00	10.091,59	5.854,58	18.101,32
19.06.2019	11:15:00	10.289,20	5.775,27	18.090,46
19.06.2019	11:30:00	10.556,86	5.816,74	18.148,12
19.06.2019	11:45:00	10.833,97	5.999,46	18.292,25
19.06.2019	12:00:00	10.952,93	5.902,11	18.000,84
19.06.2019	12:15:00	10.910,26	5.708,64	17.240,09
19.06.2019	12:30:00	10.772,50	5.250,58	16.250,34
19.06.2019	12:45:00	10.656,85	5.017,40	16.263,39
19.06.2019	13:00:00	10.479,00	4.828,72	16.224,26
19.06.2019	13:15:00	10.407,63	4.710,03	16.232,83
19.06.2019	13:30:00	10.353,73	4.646,55	16.043,04
19.06.2019	13:45:00	10.301,72	4.486,35	15.650,96
19.06.2019	14:00:00	10.390,94	4.609,56	15.666,19
19.06.2019	14:15:00	10.459,95	4.637,68	15.522,51
19.06.2019	14:30:00	10.653,80	4.890,38	15.821,64
19.06.2019	14:45:00	10.540,80	4.708,20	15.557,05
19.06.2019	15:00:00	10.265,64	4.807,57	15.555,80
19.06.2019	15:15:00	10.859,75	5.216,13	15.880,74
19.06.2019	15:30:00	10.625,46	5.014,91	15.484,62
19.06.2019	15:45:00	10.722,55	5.318,16	15.392,50
19.06.2019	16:00:00	10.641,71	5.358,75	15.313,39
19.06.2019	16:15:00	10.450,80	7.934,96	17.954,72
19.06.2019	16:30:00	10.484,20	9.309,14	19.146,91
19.06.2019	16:45:00	10.399,73	9.917,45	19.658,66
19.06.2019	17:00:00	10.562,29	10.382,97	20.127,03
19.06.2019	17:15:00	10.593,28	10.479,10	20.055,31
19.06.2019	17:30:00	10.963,76	10.846,35	20.216,36
19.06.2019	17:45:00	10.847,54	10.551,26	19.827,25
19.06.2019	18:00:00	10.539,92	9.701,36	18.593,34
19.06.2019	18:15:00	11.661,89	7.721,24	16.171,48
19.06.2019	18:30:00	11.309,31	7.205,26	15.485,78
19.06.2019	18:45:00	11.061,24	7.941,19	16.043,07
19.06.2019	19:00:00	11.068,08	8.594,73	16.737,01
19.06.2019	19:15:00	10.936,63	8.860,71	16.916,68
19.06.2019	19:30:00	10.740,57	8.961,94	16.976,48
19.06.2019	19:45:00	10.489,49	9.044,65	17.031,56
19.06.2019	20:00:00	10.234,25	9.206,57	17.149,00
19.06.2019	20:15:00	9.743,98	9.166,41	16.967,81
19.06.2019	20:30:00	9.531,45	9.099,44	16.685,98
19.06.2019	20:45:00	9.457,12	9.093,13	16.532,73
19.06.2019	21:00:00	9.243,12	8.995,74	16.404,18
19.06.2019	21:15:00	9.285,57	9.107,35	16.325,94
19.06.2019	21:30:00	9.350,28	9.183,37	16.061,54
19.06.2019	21:45:00	9.291,71	9.112,75	15.827,54
19.06.2019	22:00:00	9.387,05	9.207,77	15.775,57
19.06.2019	22:15:00	9.524,59	9.376,14	15.634,81
19.06.2019	22:30:00	9.476,16	9.399,48	15.370,32
19.06.2019	22:45:00	9.365,56	9.306,01	14.745,45
19.06.2019	23:00:00	8.978,76	8.889,54	14.316,10
19.06.2019	23:15:00	8.619,76	8.518,33	13.707,02
19.06.2019	23:30:00	8.164,68	8.056,00	13.134,05
19.06.2019	23:45:00	7.779,92	7.692,28	12.695,16
20.06.2019	00:00:00	7.396,70	7.267,05	12.047,12
20.06.2019	00:15:00	7.105,58	6.947,53	11.574,93
20.06.2019	00:30:00	6.850,81	6.642,63	11.110,64
20.06.2019	00:45:00	6.630,90	6.469,47	11.021,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.06.2019	01:00:00	6.467,06	6.308,67	10.946,33
20.06.2019	01:15:00	6.203,19	6.075,40	10.676,44
20.06.2019	01:30:00	6.110,18	5.989,66	10.568,50
20.06.2019	01:45:00	5.992,08	5.870,74	10.440,39
20.06.2019	02:00:00	5.874,86	5.725,52	10.314,52
20.06.2019	02:15:00	5.786,10	5.604,82	10.229,20
20.06.2019	02:30:00	5.728,88	5.546,02	10.185,64
20.06.2019	02:45:00	5.615,80	5.456,87	10.023,54
20.06.2019	03:00:00	5.607,41	5.466,57	10.024,41
20.06.2019	03:15:00	5.506,05	5.340,62	9.948,95
20.06.2019	03:30:00	5.446,00	5.247,08	9.738,94
20.06.2019	03:45:00	5.381,15	5.148,38	9.638,24
20.06.2019	04:00:00	5.356,68	5.132,55	9.592,42
20.06.2019	04:15:00	5.495,78	5.180,27	9.628,18
20.06.2019	04:30:00	5.482,29	5.183,18	9.677,26
20.06.2019	04:45:00	5.543,35	5.231,83	9.909,18
20.06.2019	05:00:00	5.526,16	5.200,78	10.010,23
20.06.2019	05:15:00	5.666,63	5.353,90	10.132,02
20.06.2019	05:30:00	5.283,19	5.023,54	9.712,88
20.06.2019	05:45:00	5.248,50	4.979,86	9.621,38
20.06.2019	06:00:00	5.284,89	5.045,46	9.793,96
20.06.2019	06:15:00	5.551,83	5.460,72	10.086,79
20.06.2019	06:30:00	5.857,07	5.735,54	10.250,16
20.06.2019	06:45:00	5.776,77	5.651,90	10.088,66
20.06.2019	07:00:00	5.869,21	5.632,40	10.122,54
20.06.2019	07:15:00	5.952,61	5.575,96	9.998,48
20.06.2019	07:30:00	6.046,99	5.432,24	9.972,07
20.06.2019	07:45:00	6.269,05	5.425,60	9.972,23
20.06.2019	08:00:00	5.905,00	4.843,07	9.266,64
20.06.2019	08:15:00	6.339,03	5.019,36	9.441,70
20.06.2019	08:30:00	6.780,82	5.220,62	9.675,00
20.06.2019	08:45:00	7.045,80	5.407,57	9.865,29
20.06.2019	09:00:00	7.354,88	5.381,19	9.905,75
20.06.2019	09:15:00	7.316,53	5.227,72	9.685,08
20.06.2019	09:30:00	7.582,55	4.876,47	9.345,96
20.06.2019	09:45:00	7.716,19	4.450,86	8.902,97
20.06.2019	10:00:00	7.503,65	4.380,74	8.877,01
20.06.2019	10:15:00	8.098,60	4.575,32	9.059,59
20.06.2019	10:30:00	8.400,15	4.502,66	9.090,34
20.06.2019	10:45:00	9.118,14	5.071,39	9.575,71
20.06.2019	11:00:00	9.271,97	6.052,53	10.379,96
20.06.2019	11:15:00	9.506,45	6.359,95	10.553,01
20.06.2019	11:30:00	9.602,94	6.093,56	10.405,38
20.06.2019	11:45:00	9.967,76	6.661,67	11.005,23
20.06.2019	12:00:00	10.141,70	5.198,07	9.364,46
20.06.2019	12:15:00	9.913,81	6.638,18	10.875,17
20.06.2019	12:30:00	10.191,13	6.776,16	11.081,56
20.06.2019	12:45:00	10.387,12	5.513,21	9.786,08
20.06.2019	13:00:00	9.731,47	4.098,26	8.427,65
20.06.2019	13:15:00	9.757,79	5.010,22	9.466,40
20.06.2019	13:30:00	10.093,66	6.611,76	11.110,06
20.06.2019	13:45:00	9.568,56	5.258,80	9.692,65
20.06.2019	14:00:00	9.535,64	5.360,76	9.769,00
20.06.2019	14:15:00	9.247,05	6.003,04	10.361,71
20.06.2019	14:30:00	9.264,87	6.570,67	10.941,83
20.06.2019	14:45:00	9.178,16	6.692,00	11.020,69
20.06.2019	15:00:00	9.065,84	6.495,52	10.797,81
20.06.2019	15:15:00	9.053,72	7.508,74	11.829,79
20.06.2019	15:30:00	8.993,95	7.860,26	12.240,08
20.06.2019	15:45:00	9.033,50	8.272,63	12.721,65
20.06.2019	16:00:00	9.093,09	8.231,74	12.607,12
20.06.2019	16:15:00	9.134,65	7.363,38	11.734,39
20.06.2019	16:30:00	9.374,35	6.013,33	10.386,81
20.06.2019	16:45:00	8.469,17	6.128,46	10.468,56
20.06.2019	17:00:00	9.445,52	4.196,31	8.467,69
20.06.2019	17:15:00	10.152,73	5.339,68	9.655,96
20.06.2019	17:30:00	10.456,52	6.571,41	10.926,37
20.06.2019	17:45:00	10.416,14	5.819,94	10.037,35
20.06.2019	18:00:00	10.393,42	6.587,99	11.062,17
20.06.2019	18:15:00	9.820,05	7.602,13	12.129,53
20.06.2019	18:30:00	10.265,02	7.339,84	11.840,48

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.06.2019	18:45:00	10.421,75	7.344,16	11.843,63
20.06.2019	19:00:00	9.388,01	7.892,81	12.464,02
20.06.2019	19:15:00	10.145,58	7.769,12	12.311,21
20.06.2019	19:30:00	9.669,87	8.278,75	12.893,12
20.06.2019	19:45:00	9.459,02	8.555,33	13.213,43
20.06.2019	20:00:00	9.376,04	8.475,01	13.050,19
20.06.2019	20:15:00	9.439,56	8.686,77	13.197,40
20.06.2019	20:30:00	9.378,55	8.547,05	13.109,27
20.06.2019	20:45:00	9.211,80	8.684,16	13.105,79
20.06.2019	21:00:00	9.228,79	8.759,74	13.176,65
20.06.2019	21:15:00	9.168,85	8.736,05	13.216,18
20.06.2019	21:30:00	9.173,09	8.697,53	13.165,70
20.06.2019	21:45:00	9.035,35	8.558,16	13.042,26
20.06.2019	22:00:00	9.342,13	8.859,49	13.371,03
20.06.2019	22:15:00	9.474,46	9.004,00	13.512,72
20.06.2019	22:30:00	9.230,57	8.814,85	13.339,96
20.06.2019	22:45:00	9.077,72	8.728,01	13.161,92
20.06.2019	23:00:00	8.887,41	8.540,25	13.110,19
20.06.2019	23:15:00	8.497,89	8.093,82	12.634,19
20.06.2019	23:30:00	8.086,04	7.680,35	12.176,21
20.06.2019	23:45:00	7.628,32	7.226,21	11.746,73
21.06.2019	00:00:00	7.174,76	6.734,06	11.240,69
21.06.2019	00:15:00	6.889,06	6.477,08	11.148,19
21.06.2019	00:30:00	6.641,95	6.220,46	10.972,64
21.06.2019	00:45:00	6.406,72	6.057,22	10.875,60
21.06.2019	01:00:00	6.169,25	5.854,47	10.511,31
21.06.2019	01:15:00	6.060,03	5.755,64	10.108,93
21.06.2019	01:30:00	5.954,46	5.676,83	9.902,58
21.06.2019	01:45:00	5.846,75	5.561,81	9.761,69
21.06.2019	02:00:00	5.731,73	5.445,89	9.739,36
21.06.2019	02:15:00	5.679,45	5.361,47	9.585,73
21.06.2019	02:30:00	5.602,72	5.306,75	9.602,35
21.06.2019	02:45:00	5.585,01	5.205,58	9.483,92
21.06.2019	03:00:00	5.474,24	5.087,42	9.271,19
21.06.2019	03:15:00	5.449,42	5.059,22	9.259,98
21.06.2019	03:30:00	5.426,37	5.036,99	9.267,51
21.06.2019	03:45:00	5.390,93	5.005,52	9.234,31
21.06.2019	04:00:00	5.377,36	5.031,54	9.254,11
21.06.2019	04:15:00	5.501,07	5.128,63	9.356,01
21.06.2019	04:30:00	5.599,03	5.259,40	9.522,14
21.06.2019	04:45:00	5.754,56	5.424,46	9.714,26
21.06.2019	05:00:00	5.753,93	5.428,55	9.875,05
21.06.2019	05:15:00	5.744,40	5.414,08	10.256,38
21.06.2019	05:30:00	5.659,41	5.355,76	10.232,90
21.06.2019	05:45:00	5.853,29	5.507,78	10.527,92
21.06.2019	06:00:00	5.995,27	5.544,17	10.906,05
21.06.2019	06:15:00	6.348,87	5.827,32	11.564,19
21.06.2019	06:30:00	6.520,93	5.994,28	12.008,34
21.06.2019	06:45:00	6.616,35	6.031,38	12.143,82
21.06.2019	07:00:00	6.747,09	6.079,52	12.557,70
21.06.2019	07:15:00	6.997,06	6.202,56	12.787,49
21.06.2019	07:30:00	7.099,09	6.046,27	12.539,55
21.06.2019	07:45:00	7.342,91	6.244,89	12.873,31
21.06.2019	08:00:00	7.523,12	6.459,97	13.212,31
21.06.2019	08:15:00	8.190,91	6.806,15	13.809,96
21.06.2019	08:30:00	9.055,50	8.048,56	15.220,13
21.06.2019	08:45:00	9.372,41	8.233,13	15.537,10
21.06.2019	09:00:00	9.254,63	7.764,85	15.036,06
21.06.2019	09:15:00	8.781,48	7.056,07	14.108,71
21.06.2019	09:30:00	9.484,52	7.519,06	14.990,10
21.06.2019	09:45:00	10.056,84	8.340,60	16.150,27
21.06.2019	10:00:00	9.699,08	8.169,19	16.056,68
21.06.2019	10:15:00	9.841,28	8.125,08	15.964,91
21.06.2019	10:30:00	10.538,65	7.025,50	14.796,99
21.06.2019	10:45:00	10.741,79	6.161,98	13.849,62
21.06.2019	11:00:00	9.980,73	6.105,79	13.760,00
21.06.2019	11:15:00	10.322,66	6.176,67	13.784,38
21.06.2019	11:30:00	9.723,62	6.679,40	14.237,06
21.06.2019	11:45:00	11.124,31	5.869,89	13.558,31
21.06.2019	12:00:00	8.745,34	5.913,66	13.574,74
21.06.2019	12:15:00	11.877,90	6.687,23	14.429,01

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.06.2019	12:30:00	10.330,78	7.938,07	15.653,24
21.06.2019	12:45:00	11.490,72	6.152,51	13.709,78
21.06.2019	13:00:00	10.767,26	4.744,70	12.191,81
21.06.2019	13:15:00	10.054,30	4.777,22	12.134,05
21.06.2019	13:30:00	10.935,59	5.090,00	12.461,25
21.06.2019	13:45:00	9.698,77	6.181,54	13.609,80
21.06.2019	14:00:00	9.624,51	6.952,72	14.394,56
21.06.2019	14:15:00	10.459,69	7.888,74	15.244,79
21.06.2019	14:30:00	10.639,83	5.115,46	12.224,81
21.06.2019	14:45:00	10.634,88	4.365,04	11.522,93
21.06.2019	15:00:00	9.674,68	5.219,10	12.479,96
21.06.2019	15:15:00	10.241,72	4.777,27	11.676,16
21.06.2019	15:30:00	10.157,63	4.913,64	11.735,88
21.06.2019	15:45:00	10.653,87	4.741,10	11.158,97
21.06.2019	16:00:00	10.697,34	5.238,27	11.590,56
21.06.2019	16:15:00	11.182,28	6.835,50	13.185,02
21.06.2019	16:30:00	9.486,72	5.858,80	11.942,70
21.06.2019	16:45:00	11.476,66	6.411,30	12.463,14
21.06.2019	17:00:00	11.050,43	6.241,13	12.163,88
21.06.2019	17:15:00	8.946,59	7.169,31	13.102,65
21.06.2019	17:30:00	9.696,05	7.143,46	12.963,30
21.06.2019	17:45:00	10.934,61	7.080,75	12.880,93
21.06.2019	18:00:00	11.391,81	7.303,99	13.142,54
21.06.2019	18:15:00	11.371,38	7.594,04	13.358,14
21.06.2019	18:30:00	11.390,52	7.949,23	13.592,31
21.06.2019	18:45:00	11.328,68	8.177,76	13.805,33
21.06.2019	19:00:00	11.019,20	8.401,35	14.044,43
21.06.2019	19:15:00	10.838,35	8.639,45	14.197,14
21.06.2019	19:30:00	10.746,79	8.620,89	14.147,08
21.06.2019	19:45:00	10.343,64	8.696,96	14.204,68
21.06.2019	20:00:00	10.142,52	8.931,55	14.300,04
21.06.2019	20:15:00	9.892,01	8.928,92	14.192,31
21.06.2019	20:30:00	9.866,17	9.079,61	14.215,10
21.06.2019	20:45:00	9.528,36	9.070,43	14.203,00
21.06.2019	21:00:00	9.335,55	9.008,41	14.141,81
21.06.2019	21:15:00	9.272,16	8.982,63	14.006,94
21.06.2019	21:30:00	9.345,75	9.139,07	14.102,53
21.06.2019	21:45:00	9.314,29	9.095,35	13.983,14
21.06.2019	22:00:00	9.368,99	9.149,62	14.139,72
21.06.2019	22:15:00	9.737,03	9.513,00	14.510,63
21.06.2019	22:30:00	9.582,06	9.359,21	14.373,77
21.06.2019	22:45:00	9.454,10	9.221,02	14.013,28
21.06.2019	23:00:00	9.269,85	9.040,01	13.663,30
21.06.2019	23:15:00	8.851,04	8.616,50	13.107,11
21.06.2019	23:30:00	8.409,47	8.135,15	12.676,69
21.06.2019	23:45:00	7.979,60	7.701,24	12.194,70
22.06.2019	00:00:00	7.547,63	7.300,80	11.770,71
22.06.2019	00:15:00	7.235,89	7.025,92	11.559,08
22.06.2019	00:30:00	6.926,89	6.734,41	11.205,72
22.06.2019	00:45:00	6.654,92	6.459,07	10.956,78
22.06.2019	01:00:00	6.461,58	6.256,02	10.704,04
22.06.2019	01:15:00	6.252,07	6.017,81	10.444,20
22.06.2019	01:30:00	6.161,30	5.923,85	10.356,84
22.06.2019	01:45:00	5.987,87	5.736,84	10.136,44
22.06.2019	02:00:00	5.844,23	5.596,84	9.931,03
22.06.2019	02:15:00	5.776,13	5.478,54	9.845,86
22.06.2019	02:30:00	5.698,61	5.399,74	9.794,02
22.06.2019	02:45:00	5.645,39	5.344,08	9.755,27
22.06.2019	03:00:00	5.556,61	5.246,48	9.709,56
22.06.2019	03:15:00	5.460,34	5.221,98	9.615,71
22.06.2019	03:30:00	5.404,03	5.198,19	9.458,35
22.06.2019	03:45:00	5.351,39	5.060,46	9.346,69
22.06.2019	04:00:00	5.340,39	5.045,06	9.295,88
22.06.2019	04:15:00	5.413,50	5.127,50	9.252,64
22.06.2019	04:30:00	5.571,65	5.309,61	9.508,65
22.06.2019	04:45:00	5.636,51	5.385,02	9.672,20
22.06.2019	05:00:00	5.580,33	5.348,59	9.771,76
22.06.2019	05:15:00	5.381,00	5.110,56	9.593,57
22.06.2019	05:30:00	5.342,03	5.064,48	9.446,57
22.06.2019	05:45:00	5.498,77	5.210,14	9.547,98
22.06.2019	06:00:00	5.601,05	5.334,84	10.032,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.06.2019	06:15:00	5.841,06	5.528,25	10.306,76
22.06.2019	06:30:00	5.934,37	5.443,42	10.189,20
22.06.2019	06:45:00	6.091,25	5.401,49	10.087,55
22.06.2019	07:00:00	6.247,78	5.580,16	10.336,08
22.06.2019	07:15:00	6.502,86	5.881,12	10.693,88
22.06.2019	07:30:00	6.865,24	6.314,48	11.242,28
22.06.2019	07:45:00	7.178,18	6.670,28	11.658,71
22.06.2019	08:00:00	7.482,16	7.050,53	12.249,82
22.06.2019	08:15:00	7.934,97	7.481,78	12.734,39
22.06.2019	08:30:00	8.148,16	7.569,10	12.780,73
22.06.2019	08:45:00	8.503,85	7.816,26	13.088,25
22.06.2019	09:00:00	8.709,93	7.833,17	13.175,68
22.06.2019	09:15:00	8.996,69	7.967,54	13.187,82
22.06.2019	09:30:00	9.263,69	8.105,94	13.287,08
22.06.2019	09:45:00	9.497,93	7.972,45	13.201,60
22.06.2019	10:00:00	9.720,92	8.021,86	13.303,36
22.06.2019	10:15:00	9.880,22	8.437,63	13.682,79
22.06.2019	10:30:00	10.108,58	8.634,84	13.898,86
22.06.2019	10:45:00	10.394,43	9.118,42	14.440,60
22.06.2019	11:00:00	10.574,28	9.448,00	14.757,03
22.06.2019	11:15:00	10.629,33	9.683,76	14.966,36
22.06.2019	11:30:00	10.782,99	9.778,87	14.991,58
22.06.2019	11:45:00	11.085,79	10.070,51	15.387,38
22.06.2019	12:00:00	11.174,38	10.109,99	15.377,35
22.06.2019	12:15:00	11.059,80	9.834,36	14.886,36
22.06.2019	12:30:00	11.270,35	10.010,77	15.064,00
22.06.2019	12:45:00	11.106,79	9.606,40	14.598,09
22.06.2019	13:00:00	10.970,39	8.515,05	13.395,22
22.06.2019	13:15:00	11.032,32	7.185,19	12.071,82
22.06.2019	13:30:00	10.697,50	7.680,61	12.595,76
22.06.2019	13:45:00	10.434,05	8.536,06	13.472,51
22.06.2019	14:00:00	10.484,57	8.547,88	13.651,46
22.06.2019	14:15:00	10.254,27	8.093,32	13.276,64
22.06.2019	14:30:00	10.177,35	7.305,32	12.454,02
22.06.2019	14:45:00	9.873,17	6.946,26	12.031,24
22.06.2019	15:00:00	9.467,13	5.460,24	10.488,28
22.06.2019	15:15:00	8.787,81	6.850,11	11.797,94
22.06.2019	15:30:00	9.445,26	8.222,19	13.227,77
22.06.2019	15:45:00	9.561,76	8.891,19	13.913,75
22.06.2019	16:00:00	9.484,14	8.845,52	13.856,38
22.06.2019	16:15:00	9.984,12	9.331,90	14.358,38
22.06.2019	16:30:00	10.199,79	9.763,36	14.804,16
22.06.2019	16:45:00	10.345,96	10.008,85	15.153,20
22.06.2019	17:00:00	10.169,49	9.840,61	14.970,06
22.06.2019	17:15:00	10.355,80	9.958,57	14.989,27
22.06.2019	17:30:00	10.494,07	9.817,20	14.852,88
22.06.2019	17:45:00	10.391,67	9.633,05	14.630,20
22.06.2019	18:00:00	10.411,95	9.768,79	14.618,64
22.06.2019	18:15:00	10.530,65	10.001,30	14.888,12
22.06.2019	18:30:00	10.477,66	10.010,93	14.865,00
22.06.2019	18:45:00	10.444,16	9.982,90	14.816,62
22.06.2019	19:00:00	10.266,88	9.635,86	14.395,12
22.06.2019	19:15:00	10.204,22	9.464,09	14.188,77
22.06.2019	19:30:00	10.155,91	9.667,82	14.445,02
22.06.2019	19:45:00	10.169,07	9.875,37	14.614,84
22.06.2019	20:00:00	10.134,31	9.841,34	14.611,36
22.06.2019	20:15:00	9.901,35	9.660,90	14.303,85
22.06.2019	20:30:00	9.782,56	9.630,73	14.137,70
22.06.2019	20:45:00	9.695,62	9.555,23	14.040,35
22.06.2019	21:00:00	9.585,26	9.532,03	13.683,32
22.06.2019	21:15:00	9.601,56	9.595,08	13.732,62
22.06.2019	21:30:00	9.929,20	9.834,04	13.987,93
22.06.2019	21:45:00	9.825,60	9.725,48	13.886,01
22.06.2019	22:00:00	9.666,63	9.541,03	13.680,74
22.06.2019	22:15:00	9.639,07	9.511,53	13.649,07
22.06.2019	22:30:00	9.444,69	9.316,17	13.443,64
22.06.2019	22:45:00	9.186,83	9.094,29	13.075,38
22.06.2019	23:00:00	8.954,69	8.846,66	12.748,12
22.06.2019	23:15:00	8.636,39	8.496,76	12.330,18
22.06.2019	23:30:00	8.248,64	8.107,81	11.955,74
22.06.2019	23:45:00	7.921,77	7.775,46	11.492,23

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.06.2019	00:00:00	7.576,49	7.501,24	11.230,12
23.06.2019	00:15:00	7.198,59	7.155,17	10.862,98
23.06.2019	00:30:00	6.915,13	6.889,35	10.513,16
23.06.2019	00:45:00	6.744,27	6.671,18	10.253,46
23.06.2019	01:00:00	6.510,47	6.404,94	10.044,74
23.06.2019	01:15:00	6.294,38	6.218,07	9.850,88
23.06.2019	01:30:00	6.167,87	6.091,84	9.716,82
23.06.2019	01:45:00	6.012,53	5.951,86	9.483,66
23.06.2019	02:00:00	5.858,36	5.781,91	9.354,92
23.06.2019	02:15:00	5.776,24	5.667,36	9.197,30
23.06.2019	02:30:00	5.679,43	5.566,49	9.029,70
23.06.2019	02:45:00	5.679,53	5.597,13	9.071,25
23.06.2019	03:00:00	5.552,49	5.475,62	8.934,80
23.06.2019	03:15:00	5.487,14	5.419,91	9.005,64
23.06.2019	03:30:00	5.423,48	5.378,15	8.923,77
23.06.2019	03:45:00	5.358,76	5.247,22	9.043,23
23.06.2019	04:00:00	5.295,99	5.162,04	9.028,86
23.06.2019	04:15:00	5.393,30	5.283,55	9.066,15
23.06.2019	04:30:00	5.400,57	5.327,10	9.127,35
23.06.2019	04:45:00	5.475,45	5.397,89	9.199,57
23.06.2019	05:00:00	5.469,71	5.346,18	9.210,85
23.06.2019	05:15:00	5.561,13	5.458,68	9.357,65
23.06.2019	05:30:00	5.151,59	5.020,59	8.918,42
23.06.2019	05:45:00	5.181,36	5.087,90	8.953,08
23.06.2019	06:00:00	5.226,06	5.141,77	8.949,88
23.06.2019	06:15:00	5.260,38	5.160,78	9.073,84
23.06.2019	06:30:00	5.339,93	5.105,67	9.011,55
23.06.2019	06:45:00	5.342,22	4.986,46	8.910,83
23.06.2019	07:00:00	5.462,30	5.131,28	9.066,50
23.06.2019	07:15:00	5.728,02	5.434,81	9.396,46
23.06.2019	07:30:00	5.909,69	5.602,89	9.656,84
23.06.2019	07:45:00	6.056,31	5.705,53	9.739,58
23.06.2019	08:00:00	6.291,04	5.763,93	9.810,65
23.06.2019	08:15:00	6.386,27	5.674,23	9.708,70
23.06.2019	08:30:00	6.502,36	5.260,77	9.276,79
23.06.2019	08:45:00	6.686,28	4.789,12	8.802,68
23.06.2019	09:00:00	6.732,34	4.692,21	8.594,42
23.06.2019	09:15:00	7.305,29	5.150,26	9.145,76
23.06.2019	09:30:00	7.421,48	5.289,98	9.317,56
23.06.2019	09:45:00	8.358,02	5.082,81	9.001,24
23.06.2019	10:00:00	8.849,87	5.226,82	9.063,79
23.06.2019	10:15:00	8.183,12	5.219,61	9.026,92
23.06.2019	10:30:00	8.870,03	5.866,50	9.678,15
23.06.2019	10:45:00	9.411,14	6.315,57	10.142,90
23.06.2019	11:00:00	9.193,68	6.680,17	10.397,27
23.06.2019	11:15:00	9.838,54	6.601,70	10.340,53
23.06.2019	11:30:00	10.744,75	7.060,81	10.799,49
23.06.2019	11:45:00	10.437,09	7.787,07	11.561,04
23.06.2019	12:00:00	10.237,16	7.292,51	11.071,47
23.06.2019	12:15:00	9.968,54	7.308,86	11.121,88
23.06.2019	12:30:00	9.997,26	7.469,71	11.347,99
23.06.2019	12:45:00	10.301,63	6.332,44	10.165,25
23.06.2019	13:00:00	9.998,67	6.640,87	10.455,04
23.06.2019	13:15:00	9.997,01	5.424,84	9.184,25
23.06.2019	13:30:00	9.363,09	5.701,97	9.515,66
23.06.2019	13:45:00	9.637,19	5.631,42	9.479,50
23.06.2019	14:00:00	9.091,59	5.431,78	9.323,34
23.06.2019	14:15:00	9.660,95	4.013,08	7.859,30
23.06.2019	14:30:00	9.260,99	3.156,17	7.024,46
23.06.2019	14:45:00	7.368,22	3.848,65	7.667,27
23.06.2019	15:00:00	9.748,79	3.643,52	7.479,36
23.06.2019	15:15:00	9.192,98	3.305,26	7.096,57
23.06.2019	15:30:00	8.887,64	2.995,08	6.843,30
23.06.2019	15:45:00	9.193,52	3.323,37	7.219,82
23.06.2019	16:00:00	9.097,40	3.282,68	7.148,62
23.06.2019	16:15:00	9.399,68	3.663,45	7.510,69
23.06.2019	16:30:00	8.617,37	4.080,65	7.897,64
23.06.2019	16:45:00	9.274,10	4.253,34	8.021,85
23.06.2019	17:00:00	9.572,85	4.407,01	8.449,26
23.06.2019	17:15:00	9.902,08	5.086,80	9.258,51
23.06.2019	17:30:00	9.969,80	5.468,16	9.669,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.06.2019	17:45:00	10.239,66	5.937,60	10.102,48
23.06.2019	18:00:00	10.366,55	6.350,28	10.579,18
23.06.2019	18:15:00	10.532,16	6.834,89	11.150,64
23.06.2019	18:30:00	10.561,98	7.273,81	11.582,63
23.06.2019	18:45:00	10.414,73	7.841,37	12.111,63
23.06.2019	19:00:00	10.433,49	8.218,16	12.498,73
23.06.2019	19:15:00	10.619,28	8.389,86	12.637,32
23.06.2019	19:30:00	10.270,77	8.327,00	12.566,17
23.06.2019	19:45:00	9.947,33	8.649,16	12.921,69
23.06.2019	20:00:00	9.869,72	8.980,84	13.269,48
23.06.2019	20:15:00	9.826,95	9.120,59	13.362,14
23.06.2019	20:30:00	9.774,37	9.213,90	13.474,57
23.06.2019	20:45:00	9.693,73	9.343,89	13.602,18
23.06.2019	21:00:00	9.440,51	9.135,53	13.501,88
23.06.2019	21:15:00	9.501,22	9.293,94	13.627,67
23.06.2019	21:30:00	9.603,96	9.410,22	13.667,24
23.06.2019	21:45:00	9.385,18	9.125,10	13.476,04
23.06.2019	22:00:00	9.605,39	9.398,21	13.820,52
23.06.2019	22:15:00	9.726,83	9.549,44	14.067,40
23.06.2019	22:30:00	9.499,33	9.345,87	14.005,68
23.06.2019	22:45:00	9.379,01	9.197,10	13.769,57
23.06.2019	23:00:00	8.879,99	8.641,41	13.117,92
23.06.2019	23:15:00	8.330,45	8.085,29	12.587,60
23.06.2019	23:30:00	7.789,31	7.547,46	12.020,91
23.06.2019	23:45:00	7.400,30	7.196,25	11.591,68
24.06.2019	00:00:00	7.033,47	6.831,55	10.950,27
24.06.2019	00:15:00	6.665,78	6.397,63	10.606,27
24.06.2019	00:30:00	6.360,50	6.064,57	10.277,14
24.06.2019	00:45:00	6.068,32	5.805,59	10.148,85
24.06.2019	01:00:00	5.911,85	5.670,75	10.059,46
24.06.2019	01:15:00	5.754,33	5.473,27	9.797,36
24.06.2019	01:30:00	5.708,19	5.396,02	9.604,33
24.06.2019	01:45:00	5.656,69	5.283,03	9.375,81
24.06.2019	02:00:00	5.520,44	5.174,99	9.241,77
24.06.2019	02:15:00	5.408,79	5.076,61	9.278,82
24.06.2019	02:30:00	5.400,66	5.088,33	9.440,04
24.06.2019	02:45:00	5.335,48	5.032,25	9.371,70
24.06.2019	03:00:00	5.303,88	4.996,15	9.392,09
24.06.2019	03:15:00	5.330,42	5.072,52	9.487,35
24.06.2019	03:30:00	5.348,93	5.151,68	9.474,50
24.06.2019	03:45:00	5.340,37	5.164,09	9.422,69
24.06.2019	04:00:00	5.355,90	5.147,05	9.300,64
24.06.2019	04:15:00	5.501,52	5.272,83	9.542,48
24.06.2019	04:30:00	5.598,30	5.360,88	9.653,47
24.06.2019	04:45:00	5.668,61	5.397,66	9.701,12
24.06.2019	05:00:00	5.614,35	5.325,76	9.898,95
24.06.2019	05:15:00	5.668,59	5.391,90	10.712,10
24.06.2019	05:30:00	5.850,43	5.606,06	11.393,95
24.06.2019	05:45:00	6.248,80	5.959,47	12.426,54
24.06.2019	06:00:00	6.465,59	6.120,06	13.448,40
24.06.2019	06:15:00	6.889,26	6.479,91	14.953,76
24.06.2019	06:30:00	7.227,73	6.772,91	15.896,24
24.06.2019	06:45:00	7.498,51	6.999,84	16.587,34
24.06.2019	07:00:00	7.682,01	7.178,69	17.718,72
24.06.2019	07:15:00	7.931,55	7.425,52	18.423,27
24.06.2019	07:30:00	8.136,15	7.631,17	19.221,20
24.06.2019	07:45:00	8.170,11	7.626,19	19.502,72
24.06.2019	08:00:00	8.208,93	7.547,85	19.828,36
24.06.2019	08:15:00	8.391,10	7.524,34	20.039,02
24.06.2019	08:30:00	8.448,97	7.287,09	20.205,56
24.06.2019	08:45:00	8.707,97	7.214,82	20.427,51
24.06.2019	09:00:00	8.966,13	7.191,05	20.250,38
24.06.2019	09:15:00	9.172,09	7.068,47	19.803,44
24.06.2019	09:30:00	9.323,36	6.842,86	19.387,47
24.06.2019	09:45:00	9.529,17	6.729,90	19.682,14
24.06.2019	10:00:00	9.650,82	6.485,12	19.739,28
24.06.2019	10:15:00	9.762,55	6.286,86	19.335,63
24.06.2019	10:30:00	9.957,21	6.157,32	19.291,51
24.06.2019	10:45:00	10.039,74	5.970,91	19.393,96
24.06.2019	11:00:00	10.290,55	5.912,34	19.565,06
24.06.2019	11:15:00	10.585,24	5.978,97	19.753,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.06.2019	11:30:00	10.719,62	5.920,94	19.589,68
24.06.2019	11:45:00	10.997,39	6.017,93	19.771,99
24.06.2019	12:00:00	11.178,86	6.006,37	19.638,09
24.06.2019	12:15:00	11.388,90	6.091,56	19.129,11
24.06.2019	12:30:00	11.558,13	6.052,50	18.835,51
24.06.2019	12:45:00	11.425,96	5.883,17	18.647,90
24.06.2019	13:00:00	11.238,00	5.607,53	18.682,62
24.06.2019	13:15:00	11.078,92	5.333,91	18.646,12
24.06.2019	13:30:00	10.909,94	5.052,57	18.201,40
24.06.2019	13:45:00	10.984,33	5.144,47	18.031,90
24.06.2019	14:00:00	10.836,70	4.998,45	18.002,06
24.06.2019	14:15:00	10.842,25	5.034,55	18.256,04
24.06.2019	14:30:00	10.935,36	5.141,61	18.172,46
24.06.2019	14:45:00	10.834,31	5.065,24	17.887,66
24.06.2019	15:00:00	10.933,20	5.284,53	17.881,78
24.06.2019	15:15:00	11.026,87	5.459,39	17.733,74
24.06.2019	15:30:00	11.120,49	5.768,37	17.686,66
24.06.2019	15:45:00	11.185,38	5.674,17	17.286,14
24.06.2019	16:00:00	11.153,26	5.701,92	17.068,25
24.06.2019	16:15:00	11.084,00	5.837,48	16.648,28
24.06.2019	16:30:00	11.209,70	6.041,62	16.626,56
24.06.2019	16:45:00	11.315,10	6.368,68	16.699,57
24.06.2019	17:00:00	11.532,64	6.621,92	16.807,59
24.06.2019	17:15:00	11.577,45	6.932,24	16.948,19
24.06.2019	17:30:00	11.620,46	7.616,07	17.574,69
24.06.2019	17:45:00	11.597,82	7.957,73	17.682,22
24.06.2019	18:00:00	11.720,09	8.395,81	17.958,77
24.06.2019	18:15:00	11.867,14	8.543,53	17.827,32
24.06.2019	18:30:00	11.712,53	8.714,87	17.710,42
24.06.2019	18:45:00	11.406,02	9.025,30	17.879,75
24.06.2019	19:00:00	11.098,39	9.327,46	18.082,18
24.06.2019	19:15:00	11.007,00	9.557,60	18.269,75
24.06.2019	19:30:00	10.978,46	9.443,56	18.232,82
24.06.2019	19:45:00	10.815,16	9.412,17	18.145,92
24.06.2019	20:00:00	10.936,69	9.227,70	18.010,86
24.06.2019	20:15:00	10.765,73	9.535,75	18.232,13
24.06.2019	20:30:00	10.503,95	9.710,34	18.361,22
24.06.2019	20:45:00	10.196,65	9.601,88	18.147,91
24.06.2019	21:00:00	10.094,58	9.702,59	18.061,71
24.06.2019	21:15:00	10.003,52	9.737,15	18.022,35
24.06.2019	21:30:00	10.054,22	9.782,11	17.907,01
24.06.2019	21:45:00	9.778,51	9.510,47	17.441,54
24.06.2019	22:00:00	9.872,81	9.646,70	17.656,93
24.06.2019	22:15:00	10.015,07	9.796,24	17.488,06
24.06.2019	22:30:00	9.789,71	9.572,48	16.837,33
24.06.2019	22:45:00	9.468,54	9.247,83	16.336,77
24.06.2019	23:00:00	9.070,07	8.844,82	15.736,76
24.06.2019	23:15:00	8.518,50	8.289,89	14.954,84
24.06.2019	23:30:00	7.924,37	7.740,68	14.315,21
24.06.2019	23:45:00	7.484,53	7.329,69	13.860,02
25.06.2019	00:00:00	7.141,40	6.968,34	13.325,76
25.06.2019	00:15:00	6.809,39	6.578,14	12.788,99
25.06.2019	00:30:00	6.458,85	6.207,11	12.412,99
25.06.2019	00:45:00	6.230,55	5.970,44	12.174,87
25.06.2019	01:00:00	6.021,84	5.793,96	11.988,77
25.06.2019	01:15:00	5.879,73	5.707,92	11.915,40
25.06.2019	01:30:00	5.772,79	5.633,79	11.831,61
25.06.2019	01:45:00	5.756,51	5.580,95	11.644,39
25.06.2019	02:00:00	5.623,57	5.446,18	11.563,11
25.06.2019	02:15:00	5.556,68	5.340,78	11.318,67
25.06.2019	02:30:00	5.561,06	5.369,52	11.408,28
25.06.2019	02:45:00	5.463,77	5.278,38	11.358,84
25.06.2019	03:00:00	5.488,30	5.277,65	11.348,77
25.06.2019	03:15:00	5.458,60	5.251,96	11.256,74
25.06.2019	03:30:00	5.418,75	5.167,28	11.164,41
25.06.2019	03:45:00	5.386,06	5.122,93	11.026,99
25.06.2019	04:00:00	5.368,23	5.150,87	10.991,99
25.06.2019	04:15:00	5.541,41	5.328,92	11.284,05
25.06.2019	04:30:00	5.598,61	5.346,51	11.405,24
25.06.2019	04:45:00	5.791,34	5.582,76	11.761,31
25.06.2019	05:00:00	5.714,16	5.500,41	11.973,58

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.06.2019	05:15:00	5.780,30	5.562,84	12.487,61
25.06.2019	05:30:00	5.999,44	5.822,25	13.032,59
25.06.2019	05:45:00	6.371,90	6.169,94	13.828,95
25.06.2019	06:00:00	6.574,49	6.303,85	14.332,84
25.06.2019	06:15:00	6.902,02	6.591,94	15.905,29
25.06.2019	06:30:00	7.254,91	6.828,64	16.909,14
25.06.2019	06:45:00	7.537,75	7.010,55	17.483,59
25.06.2019	07:00:00	7.801,08	7.188,88	17.980,65
25.06.2019	07:15:00	7.959,40	7.298,34	18.627,87
25.06.2019	07:30:00	8.160,34	7.468,65	19.120,82
25.06.2019	07:45:00	8.335,89	7.653,10	19.588,22
25.06.2019	08:00:00	8.555,79	7.724,23	20.006,76
25.06.2019	08:15:00	8.597,70	7.500,49	19.997,94
25.06.2019	08:30:00	8.583,88	7.214,98	19.782,05
25.06.2019	08:45:00	8.863,86	7.252,52	20.105,01
25.06.2019	09:00:00	9.202,65	7.503,02	20.470,42
25.06.2019	09:15:00	9.219,55	7.036,43	19.197,42
25.06.2019	09:30:00	9.176,95	6.413,43	18.972,66
25.06.2019	09:45:00	9.502,95	6.264,68	19.418,60
25.06.2019	10:00:00	9.660,04	6.853,34	19.978,98
25.06.2019	10:15:00	10.354,15	7.900,45	21.208,29
25.06.2019	10:30:00	10.133,23	7.877,49	21.354,98
25.06.2019	10:45:00	9.967,37	6.160,09	19.497,88
25.06.2019	11:00:00	10.077,35	5.840,69	19.351,31
25.06.2019	11:15:00	10.414,95	6.148,45	19.802,03
25.06.2019	11:30:00	10.954,68	6.398,71	19.707,49
25.06.2019	11:45:00	10.918,26	6.583,39	20.102,72
25.06.2019	12:00:00	10.836,91	6.200,74	19.463,22
25.06.2019	12:15:00	11.310,43	6.221,94	19.108,01
25.06.2019	12:30:00	11.321,98	6.049,49	18.583,47
25.06.2019	12:45:00	11.216,64	5.750,39	18.420,34
25.06.2019	13:00:00	11.038,72	5.840,14	18.990,22
25.06.2019	13:15:00	10.963,78	5.526,71	18.788,83
25.06.2019	13:30:00	10.695,73	5.188,13	18.536,27
25.06.2019	13:45:00	10.822,25	5.268,75	18.890,66
25.06.2019	14:00:00	10.724,43	5.421,36	18.926,60
25.06.2019	14:15:00	10.848,01	5.354,31	18.988,73
25.06.2019	14:30:00	11.024,84	5.421,61	18.754,24
25.06.2019	14:45:00	11.001,60	5.457,82	18.629,59
25.06.2019	15:00:00	10.969,28	5.503,87	18.711,64
25.06.2019	15:15:00	10.996,87	5.533,37	18.394,92
25.06.2019	15:30:00	10.965,77	5.627,64	17.988,12
25.06.2019	15:45:00	11.167,12	5.940,46	17.985,07
25.06.2019	16:00:00	11.262,92	6.305,21	18.084,84
25.06.2019	16:15:00	11.211,81	6.804,84	18.216,93
25.06.2019	16:30:00	11.376,41	6.936,65	17.834,10
25.06.2019	16:45:00	11.629,31	6.838,17	17.530,94
25.06.2019	17:00:00	11.630,89	7.056,84	17.286,16
25.06.2019	17:15:00	11.730,38	7.429,09	17.588,02
25.06.2019	17:30:00	11.765,84	7.763,75	17.884,65
25.06.2019	17:45:00	11.982,34	8.283,13	17.972,83
25.06.2019	18:00:00	12.042,86	8.542,20	18.123,93
25.06.2019	18:15:00	12.092,27	8.842,27	18.317,22
25.06.2019	18:30:00	12.218,59	9.221,88	18.600,42
25.06.2019	18:45:00	11.960,38	9.315,85	18.735,76
25.06.2019	19:00:00	11.993,19	9.662,50	18.926,26
25.06.2019	19:15:00	11.738,24	9.780,95	19.046,12
25.06.2019	19:30:00	11.518,76	9.936,31	19.324,35
25.06.2019	19:45:00	11.210,86	10.035,74	19.287,44
25.06.2019	20:00:00	11.034,71	10.075,81	19.188,11
25.06.2019	20:15:00	10.709,79	10.028,21	18.988,30
25.06.2019	20:30:00	10.567,33	10.037,05	18.651,12
25.06.2019	20:45:00	10.385,23	10.022,73	18.682,74
25.06.2019	21:00:00	10.193,34	9.961,12	18.465,57
25.06.2019	21:15:00	10.213,46	10.083,81	18.415,64
25.06.2019	21:30:00	10.181,94	10.104,52	18.304,66
25.06.2019	21:45:00	10.083,83	9.983,07	18.089,85
25.06.2019	22:00:00	10.221,38	10.118,70	18.146,56
25.06.2019	22:15:00	10.389,68	10.265,82	18.033,52
25.06.2019	22:30:00	10.067,94	9.938,13	17.598,32
25.06.2019	22:45:00	9.822,70	9.728,42	16.991,04

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.06.2019	23:00:00	9.355,74	9.213,48	16.360,34
25.06.2019	23:15:00	8.863,98	8.688,14	15.636,62
25.06.2019	23:30:00	8.373,99	8.170,63	15.002,70
25.06.2019	23:45:00	7.972,40	7.825,33	14.574,49
26.06.2019	00:00:00	7.440,26	7.292,93	13.809,93
26.06.2019	00:15:00	7.010,10	6.833,31	13.470,34
26.06.2019	00:30:00	6.715,59	6.528,07	13.201,60
26.06.2019	00:45:00	6.594,89	6.372,73	12.970,74
26.06.2019	01:00:00	6.311,03	6.061,47	12.633,52
26.06.2019	01:15:00	6.147,51	5.910,07	12.496,38
26.06.2019	01:30:00	6.079,36	5.877,75	12.347,10
26.06.2019	01:45:00	5.929,26	5.759,71	12.024,36
26.06.2019	02:00:00	5.782,70	5.634,85	11.785,07
26.06.2019	02:15:00	5.736,18	5.634,83	11.698,14
26.06.2019	02:30:00	5.723,02	5.595,64	11.699,68
26.06.2019	02:45:00	5.689,28	5.564,93	11.756,40
26.06.2019	03:00:00	5.549,13	5.394,19	11.584,56
26.06.2019	03:15:00	5.530,29	5.338,24	11.514,98
26.06.2019	03:30:00	5.479,89	5.295,64	11.511,73
26.06.2019	03:45:00	5.483,10	5.305,96	11.442,28
26.06.2019	04:00:00	5.553,78	5.435,24	11.214,48
26.06.2019	04:15:00	5.664,26	5.563,07	11.425,70
26.06.2019	04:30:00	5.764,95	5.639,11	11.521,79
26.06.2019	04:45:00	5.891,90	5.763,76	11.716,64
26.06.2019	05:00:00	5.970,11	5.855,73	12.125,89
26.06.2019	05:15:00	6.036,71	5.934,87	12.604,79
26.06.2019	05:30:00	6.178,58	6.158,34	13.068,12
26.06.2019	05:45:00	6.485,75	6.441,85	13.828,18
26.06.2019	06:00:00	6.681,89	6.522,41	14.654,45
26.06.2019	06:15:00	7.149,36	6.934,40	16.215,83
26.06.2019	06:30:00	7.550,01	7.252,37	17.234,56
26.06.2019	06:45:00	7.815,82	7.460,71	18.043,35
26.06.2019	07:00:00	8.151,83	7.815,29	18.800,45
26.06.2019	07:15:00	8.394,62	8.024,93	19.293,97
26.06.2019	07:30:00	8.512,14	8.042,67	19.682,76
26.06.2019	07:45:00	8.528,91	7.947,87	19.977,50
26.06.2019	08:00:00	8.568,08	7.861,15	20.321,66
26.06.2019	08:15:00	8.826,18	7.979,40	20.743,72
26.06.2019	08:30:00	9.152,09	8.114,86	21.216,10
26.06.2019	08:45:00	9.141,59	7.879,11	21.157,58
26.06.2019	09:00:00	9.382,36	7.707,37	20.819,96
26.06.2019	09:15:00	9.543,05	7.560,74	20.227,41
26.06.2019	09:30:00	9.625,19	7.314,20	20.019,00
26.06.2019	09:45:00	9.752,13	7.124,39	20.415,80
26.06.2019	10:00:00	10.032,17	7.099,23	20.565,74
26.06.2019	10:15:00	10.137,32	6.942,98	20.336,44
26.06.2019	10:30:00	10.275,12	6.811,35	20.215,54
26.06.2019	10:45:00	10.387,18	6.864,99	20.605,80
26.06.2019	11:00:00	10.721,32	6.798,36	20.720,59
26.06.2019	11:15:00	10.821,82	6.858,72	21.003,82
26.06.2019	11:30:00	11.109,88	7.243,35	21.405,27
26.06.2019	11:45:00	11.446,11	6.890,47	20.921,60
26.06.2019	12:00:00	11.538,32	6.882,15	20.895,64
26.06.2019	12:15:00	11.679,84	6.880,30	20.243,37
26.06.2019	12:30:00	11.809,98	6.850,58	19.827,84
26.06.2019	12:45:00	11.550,11	6.478,45	19.566,49
26.06.2019	13:00:00	11.350,23	6.208,47	19.457,40
26.06.2019	13:15:00	11.258,67	6.050,76	19.439,44
26.06.2019	13:30:00	11.226,73	5.985,30	19.523,37
26.06.2019	13:45:00	11.048,52	5.760,07	19.285,69
26.06.2019	14:00:00	11.067,34	5.723,01	19.378,30
26.06.2019	14:15:00	11.096,10	5.711,50	19.182,60
26.06.2019	14:30:00	11.187,28	5.846,35	19.451,74
26.06.2019	14:45:00	11.182,26	5.868,08	19.257,70
26.06.2019	15:00:00	11.205,92	5.911,76	19.091,26
26.06.2019	15:15:00	11.355,17	6.062,56	18.726,41
26.06.2019	15:30:00	11.223,26	6.054,91	18.499,10
26.06.2019	15:45:00	11.274,94	6.208,66	18.220,12
26.06.2019	16:00:00	11.406,46	6.483,44	18.122,33
26.06.2019	16:15:00	11.530,94	6.634,42	17.741,94
26.06.2019	16:30:00	11.630,17	6.893,58	17.747,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.06.2019	16:45:00	11.704,94	7.227,21	17.661,28
26.06.2019	17:00:00	11.759,79	7.466,67	17.854,84
26.06.2019	17:15:00	11.836,54	7.740,30	18.080,72
26.06.2019	17:30:00	11.983,67	8.086,99	18.217,96
26.06.2019	17:45:00	12.122,91	8.448,02	18.400,34
26.06.2019	18:00:00	12.213,77	8.811,94	18.488,22
26.06.2019	18:15:00	12.290,41	9.056,85	18.665,66
26.06.2019	18:30:00	12.263,89	9.332,15	18.658,30
26.06.2019	18:45:00	12.144,10	9.547,73	18.675,80
26.06.2019	19:00:00	11.957,07	9.734,50	18.725,18
26.06.2019	19:15:00	11.805,82	9.922,15	18.963,21
26.06.2019	19:30:00	11.802,46	10.190,62	19.171,83
26.06.2019	19:45:00	11.500,57	10.179,54	19.094,02
26.06.2019	20:00:00	11.256,91	10.291,57	19.146,74
26.06.2019	20:15:00	11.087,21	10.384,27	18.980,80
26.06.2019	20:30:00	10.881,60	10.401,28	18.851,79
26.06.2019	20:45:00	10.625,12	10.315,85	18.709,31
26.06.2019	21:00:00	10.388,58	10.150,76	18.436,12
26.06.2019	21:15:00	10.310,05	10.124,29	18.153,26
26.06.2019	21:30:00	10.517,67	10.416,70	18.241,95
26.06.2019	21:45:00	10.347,32	10.243,91	18.008,32
26.06.2019	22:00:00	10.256,16	10.138,63	17.788,01
26.06.2019	22:15:00	10.524,98	10.419,76	18.003,70
26.06.2019	22:30:00	10.206,58	10.116,29	17.470,10
26.06.2019	22:45:00	9.901,91	9.816,46	17.028,60
26.06.2019	23:00:00	9.517,01	9.432,74	16.716,39
26.06.2019	23:15:00	9.011,53	8.963,01	15.938,84
26.06.2019	23:30:00	8.456,18	8.366,18	15.026,13
26.06.2019	23:45:00	8.083,97	7.981,59	14.545,18
27.06.2019	00:00:00	7.672,82	7.574,17	14.030,86
27.06.2019	00:15:00	7.268,75	7.211,11	13.604,84
27.06.2019	00:30:00	6.977,01	6.875,17	13.113,14
27.06.2019	00:45:00	6.738,54	6.642,40	12.976,91
27.06.2019	01:00:00	6.536,26	6.439,10	12.612,25
27.06.2019	01:15:00	6.326,62	6.265,07	12.446,60
27.06.2019	01:30:00	6.190,91	6.128,27	12.286,84
27.06.2019	01:45:00	6.087,93	6.007,00	12.197,26
27.06.2019	02:00:00	5.990,59	5.880,86	12.088,70
27.06.2019	02:15:00	5.913,80	5.804,33	11.845,45
27.06.2019	02:30:00	5.837,94	5.725,10	11.728,94
27.06.2019	02:45:00	5.757,53	5.640,22	11.608,31
27.06.2019	03:00:00	5.699,10	5.584,85	11.611,68
27.06.2019	03:15:00	5.711,10	5.597,73	11.747,47
27.06.2019	03:30:00	5.726,77	5.615,21	11.689,25
27.06.2019	03:45:00	5.712,48	5.602,80	11.696,03
27.06.2019	04:00:00	5.707,60	5.580,02	11.850,95
27.06.2019	04:15:00	5.909,77	5.763,50	12.069,88
27.06.2019	04:30:00	5.962,01	5.826,43	12.133,86
27.06.2019	04:45:00	6.114,53	5.998,39	12.370,09
27.06.2019	05:00:00	6.145,49	6.046,20	12.664,93
27.06.2019	05:15:00	6.108,66	6.052,65	13.150,44
27.06.2019	05:30:00	6.147,09	6.151,17	13.590,23
27.06.2019	05:45:00	6.564,31	6.538,01	14.378,78
27.06.2019	06:00:00	6.782,88	6.702,53	15.054,35
27.06.2019	06:15:00	7.145,47	7.027,67	16.760,16
27.06.2019	06:30:00	7.557,14	7.387,53	17.775,30
27.06.2019	06:45:00	7.867,28	7.604,24	18.499,02
27.06.2019	07:00:00	8.188,54	7.881,44	19.540,74
27.06.2019	07:15:00	8.569,35	8.161,57	20.288,92
27.06.2019	07:30:00	8.771,62	8.327,98	20.741,64
27.06.2019	07:45:00	8.852,14	8.349,22	20.904,33
27.06.2019	08:00:00	8.789,66	8.172,84	21.268,17
27.06.2019	08:15:00	9.037,96	8.250,08	21.499,79
27.06.2019	08:30:00	9.159,13	8.182,18	21.660,66
27.06.2019	08:45:00	9.434,50	8.136,60	21.757,28
27.06.2019	09:00:00	9.551,27	7.888,33	21.381,05
27.06.2019	09:15:00	9.804,39	7.801,20	20.637,31
27.06.2019	09:30:00	9.918,03	7.596,51	20.507,21
27.06.2019	09:45:00	10.263,42	7.623,88	21.144,42
27.06.2019	10:00:00	10.310,51	7.342,34	21.087,90
27.06.2019	10:15:00	10.392,50	7.166,29	20.861,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.06.2019	10:30:00	10.397,33	6.947,58	20.747,39
27.06.2019	10:45:00	10.597,07	6.950,55	21.001,57
27.06.2019	11:00:00	10.614,88	6.720,20	20.686,40
27.06.2019	11:15:00	10.657,14	6.490,96	20.423,09
27.06.2019	11:30:00	11.031,43	6.616,78	20.567,14
27.06.2019	11:45:00	11.262,18	6.699,13	20.435,40
27.06.2019	12:00:00	11.439,08	6.719,36	20.351,78
27.06.2019	12:15:00	11.599,20	6.857,63	20.204,33
27.06.2019	12:30:00	11.682,55	6.797,74	19.785,24
27.06.2019	12:45:00	11.274,75	6.236,81	19.195,40
27.06.2019	13:00:00	11.321,83	6.202,01	19.638,15
27.06.2019	13:15:00	11.413,03	6.183,13	19.344,97
27.06.2019	13:30:00	11.354,38	6.082,56	19.313,31
27.06.2019	13:45:00	11.298,93	5.973,02	19.105,72
27.06.2019	14:00:00	11.170,37	5.899,42	19.110,48
27.06.2019	14:15:00	11.400,89	6.106,31	18.983,67
27.06.2019	14:30:00	11.384,46	6.029,25	18.738,77
27.06.2019	14:45:00	11.348,24	5.983,65	18.570,18
27.06.2019	15:00:00	11.444,80	6.067,35	18.497,78
27.06.2019	15:15:00	11.505,84	6.191,64	18.403,01
27.06.2019	15:30:00	11.627,49	6.419,83	18.380,85
27.06.2019	15:45:00	11.718,05	6.562,26	18.116,65
27.06.2019	16:00:00	11.716,85	6.702,82	18.193,15
27.06.2019	16:15:00	11.760,73	6.894,20	18.101,53
27.06.2019	16:30:00	11.844,29	7.127,47	18.035,93
27.06.2019	16:45:00	11.880,86	7.358,25	17.828,56
27.06.2019	17:00:00	11.994,11	7.606,03	17.925,92
27.06.2019	17:15:00	11.984,67	7.813,71	18.082,46
27.06.2019	17:30:00	12.122,74	8.204,56	18.179,04
27.06.2019	17:45:00	12.382,59	8.802,15	18.458,83
27.06.2019	18:00:00	12.492,75	9.109,56	18.739,53
27.06.2019	18:15:00	12.413,79	9.278,22	18.718,95
27.06.2019	18:30:00	12.014,34	9.344,79	18.764,17
27.06.2019	18:45:00	12.255,46	9.621,04	18.939,60
27.06.2019	19:00:00	12.236,89	9.906,29	19.046,66
27.06.2019	19:15:00	11.984,13	9.992,12	19.153,57
27.06.2019	19:30:00	11.812,27	10.205,02	19.402,03
27.06.2019	19:45:00	11.569,47	10.295,73	19.251,96
27.06.2019	20:00:00	11.354,31	10.356,46	19.205,41
27.06.2019	20:15:00	11.081,89	10.314,93	18.793,76
27.06.2019	20:30:00	10.786,31	10.263,30	18.722,44
27.06.2019	20:45:00	10.643,94	10.308,97	18.706,01
27.06.2019	21:00:00	10.472,27	10.277,76	18.468,02
27.06.2019	21:15:00	10.272,00	10.107,27	18.172,64
27.06.2019	21:30:00	10.247,50	10.156,65	18.162,12
27.06.2019	21:45:00	10.122,93	9.919,45	17.753,08
27.06.2019	22:00:00	10.061,65	9.705,42	17.500,00
27.06.2019	22:15:00	10.166,89	9.839,07	17.436,96
27.06.2019	22:30:00	10.001,30	9.684,81	17.060,30
27.06.2019	22:45:00	9.847,94	9.517,90	16.624,80
27.06.2019	23:00:00	9.528,74	9.173,42	16.094,50
27.06.2019	23:15:00	9.073,02	8.716,50	15.476,22
27.06.2019	23:30:00	8.510,35	8.129,96	14.691,44
27.06.2019	23:45:00	8.081,66	7.764,88	14.195,88
28.06.2019	00:00:00	7.653,79	7.360,83	13.745,26
28.06.2019	00:15:00	7.210,35	6.918,66	13.353,64
28.06.2019	00:30:00	6.909,65	6.531,96	12.876,28
28.06.2019	00:45:00	6.695,98	6.333,16	12.717,67
28.06.2019	01:00:00	6.481,45	6.201,38	12.586,56
28.06.2019	01:15:00	6.310,59	6.057,88	12.449,66
28.06.2019	01:30:00	6.162,82	5.912,73	12.239,38
28.06.2019	01:45:00	6.094,38	5.864,59	12.018,87
28.06.2019	02:00:00	5.974,29	5.684,62	11.880,06
28.06.2019	02:15:00	5.850,81	5.523,88	11.763,91
28.06.2019	02:30:00	5.834,01	5.504,76	11.728,60
28.06.2019	02:45:00	5.736,80	5.406,90	11.515,74
28.06.2019	03:00:00	5.702,44	5.370,07	11.470,41
28.06.2019	03:15:00	5.735,73	5.415,79	11.539,65
28.06.2019	03:30:00	5.618,33	5.432,84	11.580,16
28.06.2019	03:45:00	5.686,71	5.604,69	11.637,52
28.06.2019	04:00:00	5.700,97	5.628,12	11.575,70

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.06.2019	04:15:00	5.804,60	5.744,62	11.704,74
28.06.2019	04:30:00	5.853,94	5.806,02	11.862,62
28.06.2019	04:45:00	6.003,90	5.961,61	11.854,46
28.06.2019	05:00:00	6.091,87	6.054,89	12.010,10
28.06.2019	05:15:00	6.006,64	5.980,15	12.647,98
28.06.2019	05:30:00	6.105,89	6.100,78	13.118,52
28.06.2019	05:45:00	6.374,45	6.295,73	13.762,16
28.06.2019	06:00:00	6.647,46	6.524,91	14.466,42
28.06.2019	06:15:00	6.977,46	6.781,18	15.867,80
28.06.2019	06:30:00	7.358,05	7.132,03	16.943,33
28.06.2019	06:45:00	7.633,91	7.409,20	17.565,26
28.06.2019	07:00:00	8.017,09	7.783,35	18.480,13
28.06.2019	07:15:00	8.323,43	8.009,54	19.088,10
28.06.2019	07:30:00	8.292,39	7.949,43	19.377,23
28.06.2019	07:45:00	8.323,46	7.932,29	19.730,61
28.06.2019	08:00:00	8.458,95	7.946,04	20.087,34
28.06.2019	08:15:00	8.550,75	7.830,56	20.301,42
28.06.2019	08:30:00	8.810,69	7.842,23	20.252,20
28.06.2019	08:45:00	8.877,39	7.561,80	20.064,68
28.06.2019	09:00:00	8.892,70	7.217,07	19.695,42
28.06.2019	09:15:00	9.185,21	7.184,23	19.209,87
28.06.2019	09:30:00	9.339,54	6.947,21	19.023,27
28.06.2019	09:45:00	9.626,86	6.868,42	19.252,38
28.06.2019	10:00:00	9.809,37	6.669,49	19.410,21
28.06.2019	10:15:00	9.871,87	6.405,70	19.033,08
28.06.2019	10:30:00	9.976,41	6.213,96	18.833,69
28.06.2019	10:45:00	10.043,00	5.998,24	18.758,77
28.06.2019	11:00:00	10.261,10	5.945,74	18.727,22
28.06.2019	11:15:00	10.485,43	6.010,65	19.105,20
28.06.2019	11:30:00	10.586,50	6.006,89	18.870,05
28.06.2019	11:45:00	11.007,21	6.239,91	19.234,80
28.06.2019	12:00:00	11.167,21	6.231,35	19.034,19
28.06.2019	12:15:00	11.414,81	6.346,23	18.408,14
28.06.2019	12:30:00	11.324,35	6.126,80	17.871,70
28.06.2019	12:45:00	11.243,68	5.968,75	17.783,48
28.06.2019	13:00:00	11.136,95	5.708,90	17.401,06
28.06.2019	13:15:00	10.985,87	5.515,04	17.081,04
28.06.2019	13:30:00	10.802,03	5.214,07	16.669,62
28.06.2019	13:45:00	10.900,54	5.256,29	16.704,66
28.06.2019	14:00:00	10.872,15	5.228,73	16.575,94
28.06.2019	14:15:00	10.869,26	5.201,80	16.426,13
28.06.2019	14:30:00	10.747,44	5.058,63	16.283,30
28.06.2019	14:45:00	10.889,76	5.171,16	16.348,57
28.06.2019	15:00:00	10.842,30	5.096,27	16.147,73
28.06.2019	15:15:00	10.842,77	5.171,15	16.018,61
28.06.2019	15:30:00	10.902,72	5.383,99	15.955,06
28.06.2019	15:45:00	10.838,59	5.466,70	15.964,96
28.06.2019	16:00:00	10.997,88	5.648,38	15.748,40
28.06.2019	16:15:00	11.140,49	5.904,88	15.736,12
28.06.2019	16:30:00	11.276,71	6.238,98	16.010,83
28.06.2019	16:45:00	11.431,75	6.604,70	16.229,80
28.06.2019	17:00:00	11.507,48	6.887,02	16.229,32
28.06.2019	17:15:00	11.649,95	7.204,27	16.284,35
28.06.2019	17:30:00	11.727,43	7.426,76	16.372,19
28.06.2019	17:45:00	11.894,00	7.941,95	16.801,23
28.06.2019	18:00:00	12.014,33	8.347,52	17.186,74
28.06.2019	18:15:00	11.990,09	8.575,80	17.195,84
28.06.2019	18:30:00	12.078,08	8.958,37	17.452,84
28.06.2019	18:45:00	12.026,98	9.230,04	17.578,78
28.06.2019	19:00:00	11.852,96	9.390,26	17.669,97
28.06.2019	19:15:00	11.783,54	9.679,04	17.797,38
28.06.2019	19:30:00	11.584,75	9.851,61	17.830,74
28.06.2019	19:45:00	11.189,72	9.806,46	17.720,74
28.06.2019	20:00:00	10.931,78	9.869,82	17.759,12
28.06.2019	20:15:00	10.616,96	9.919,46	17.692,38
28.06.2019	20:30:00	10.250,95	9.841,90	17.324,56
28.06.2019	20:45:00	10.146,92	9.952,88	17.036,62
28.06.2019	21:00:00	9.917,89	9.861,17	16.783,18
28.06.2019	21:15:00	9.850,90	9.821,74	16.609,28
28.06.2019	21:30:00	9.879,43	9.893,78	16.597,40
28.06.2019	21:45:00	9.668,52	9.705,38	16.325,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.06.2019	22:00:00	9.684,83	9.732,49	16.302,70
28.06.2019	22:15:00	10.081,32	10.162,13	16.600,42
28.06.2019	22:30:00	9.954,05	10.047,26	16.418,58
28.06.2019	22:45:00	9.910,94	9.987,62	16.093,36
28.06.2019	23:00:00	9.635,31	9.669,23	15.640,67
28.06.2019	23:15:00	9.077,85	9.110,79	14.898,20
28.06.2019	23:30:00	8.621,33	8.657,89	14.501,34
28.06.2019	23:45:00	8.246,41	8.279,14	14.016,83
29.06.2019	00:00:00	7.841,09	7.902,61	13.449,71
29.06.2019	00:15:00	7.440,18	7.500,82	13.071,85
29.06.2019	00:30:00	7.239,56	7.302,71	12.740,60
29.06.2019	00:45:00	7.016,69	7.076,48	12.584,01
29.06.2019	01:00:00	6.798,98	6.867,88	12.278,60
29.06.2019	01:15:00	6.501,66	6.600,17	11.983,82
29.06.2019	01:30:00	6.374,91	6.472,80	11.939,52
29.06.2019	01:45:00	6.288,94	6.250,89	11.534,37
29.06.2019	02:00:00	6.109,83	5.951,63	11.253,50
29.06.2019	02:15:00	5.970,86	5.825,27	11.135,57
29.06.2019	02:30:00	5.921,76	5.780,45	11.233,45
29.06.2019	02:45:00	5.816,37	5.702,03	11.020,07
29.06.2019	03:00:00	5.718,54	5.604,87	10.832,57
29.06.2019	03:15:00	5.687,40	5.557,00	10.687,42
29.06.2019	03:30:00	5.622,57	5.470,39	10.410,08
29.06.2019	03:45:00	5.607,92	5.480,51	10.381,00
29.06.2019	04:00:00	5.625,15	5.706,90	10.667,28
29.06.2019	04:15:00	5.718,46	5.809,72	10.636,84
29.06.2019	04:30:00	5.785,08	5.878,25	10.750,14
29.06.2019	04:45:00	5.864,98	5.925,15	10.789,88
29.06.2019	05:00:00	5.702,13	5.745,75	10.763,94
29.06.2019	05:15:00	5.546,41	5.552,70	10.688,97
29.06.2019	05:30:00	5.584,82	5.414,90	10.758,20
29.06.2019	05:45:00	5.682,70	5.481,93	10.860,60
29.06.2019	06:00:00	5.845,52	5.620,82	11.159,09
29.06.2019	06:15:00	6.177,76	5.952,47	11.523,26
29.06.2019	06:30:00	6.346,95	6.076,69	11.738,87
29.06.2019	06:45:00	6.401,29	6.051,19	11.798,13
29.06.2019	07:00:00	6.544,17	6.156,42	12.042,37
29.06.2019	07:15:00	6.649,71	6.208,17	12.207,24
29.06.2019	07:30:00	6.681,61	6.177,81	12.345,00
29.06.2019	07:45:00	6.776,26	6.115,49	12.208,30
29.06.2019	08:00:00	6.876,04	6.084,72	12.215,19
29.06.2019	08:15:00	7.319,90	6.332,38	12.654,18
29.06.2019	08:30:00	7.474,17	6.457,39	12.644,89
29.06.2019	08:45:00	7.766,62	6.399,06	12.583,63
29.06.2019	09:00:00	8.007,17	6.292,42	12.591,07
29.06.2019	09:15:00	8.383,90	6.308,27	12.620,91
29.06.2019	09:30:00	8.732,53	6.345,41	12.669,19
29.06.2019	09:45:00	9.010,29	6.280,91	12.520,82
29.06.2019	10:00:00	9.098,70	5.995,93	12.342,00
29.06.2019	10:15:00	9.380,34	5.954,43	12.331,68
29.06.2019	10:30:00	9.592,40	5.869,36	12.000,66
29.06.2019	10:45:00	9.654,28	5.670,63	11.738,61
29.06.2019	11:00:00	9.812,91	5.572,28	11.512,14
29.06.2019	11:15:00	10.216,79	5.748,78	11.713,90
29.06.2019	11:30:00	10.313,08	5.609,34	11.589,21
29.06.2019	11:45:00	10.369,03	5.416,02	11.471,18
29.06.2019	12:00:00	10.495,17	5.396,12	11.444,75
29.06.2019	12:15:00	10.740,00	5.517,33	11.416,94
29.06.2019	12:30:00	10.744,44	5.422,78	11.192,88
29.06.2019	12:45:00	10.734,59	5.289,45	10.991,14
29.06.2019	13:00:00	10.514,43	4.995,85	10.716,74
29.06.2019	13:15:00	10.400,93	4.761,43	10.438,38
29.06.2019	13:30:00	10.552,28	4.883,68	10.541,88
29.06.2019	13:45:00	10.557,84	4.835,90	10.426,71
29.06.2019	14:00:00	10.545,56	4.805,33	10.405,39
29.06.2019	14:15:00	10.397,00	4.674,99	10.188,10
29.06.2019	14:30:00	10.144,54	4.411,45	9.908,18
29.06.2019	14:45:00	10.132,83	4.391,65	9.865,46
29.06.2019	15:00:00	10.149,58	4.427,43	9.832,70
29.06.2019	15:15:00	10.069,25	4.381,64	9.746,48
29.06.2019	15:30:00	10.084,40	4.465,22	9.826,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.06.2019	15:45:00	10.178,49	4.672,83	10.177,23
29.06.2019	16:00:00	10.147,33	4.815,13	10.581,06
29.06.2019	16:15:00	10.193,31	4.974,78	10.779,24
29.06.2019	16:30:00	10.222,25	5.093,17	10.859,82
29.06.2019	16:45:00	10.366,03	5.383,33	11.136,57
29.06.2019	17:00:00	10.493,58	5.719,25	11.572,37
29.06.2019	17:15:00	10.728,85	6.155,71	11.904,83
29.06.2019	17:30:00	10.798,60	6.505,58	12.214,59
29.06.2019	17:45:00	10.818,79	6.782,03	12.419,18
29.06.2019	18:00:00	10.953,86	7.161,62	12.831,13
29.06.2019	18:15:00	11.162,67	7.665,01	13.301,93
29.06.2019	18:30:00	11.120,17	7.907,42	13.500,77
29.06.2019	18:45:00	11.153,04	8.285,61	13.817,73
29.06.2019	19:00:00	10.943,15	8.433,99	14.076,92
29.06.2019	19:15:00	10.906,98	8.763,28	14.427,69
29.06.2019	19:30:00	10.661,44	8.877,42	14.490,30
29.06.2019	19:45:00	10.572,28	9.142,62	14.731,36
29.06.2019	20:00:00	10.350,53	9.269,74	14.883,63
29.06.2019	20:15:00	10.103,52	9.368,59	14.923,56
29.06.2019	20:30:00	9.707,89	9.258,37	14.575,90
29.06.2019	20:45:00	9.507,98	9.290,12	14.626,96
29.06.2019	21:00:00	9.249,34	9.191,18	14.447,42
29.06.2019	21:15:00	9.169,27	9.168,37	14.157,58
29.06.2019	21:30:00	9.256,88	9.212,92	14.157,96
29.06.2019	21:45:00	9.200,26	9.174,03	14.220,65
29.06.2019	22:00:00	9.215,88	9.188,84	14.248,55
29.06.2019	22:15:00	9.576,48	9.580,55	14.536,05
29.06.2019	22:30:00	9.480,41	9.477,43	14.427,63
29.06.2019	22:45:00	9.345,23	9.300,79	14.158,11
29.06.2019	23:00:00	9.108,24	9.062,27	13.858,95
29.06.2019	23:15:00	8.794,89	8.833,08	13.517,36
29.06.2019	23:30:00	8.453,28	8.501,51	13.164,04
29.06.2019	23:45:00	8.110,53	8.177,18	12.872,29
30.06.2019	00:00:00	7.796,19	7.863,81	12.522,15
30.06.2019	00:15:00	7.534,30	7.600,10	12.136,02
30.06.2019	00:30:00	7.298,71	7.361,83	11.921,24
30.06.2019	00:45:00	6.977,46	7.033,49	11.539,25
30.06.2019	01:00:00	6.765,01	6.820,50	11.317,70
30.06.2019	01:15:00	6.682,59	6.731,29	11.178,93
30.06.2019	01:30:00	6.458,06	6.493,31	10.909,58
30.06.2019	01:45:00	6.356,28	6.410,43	10.825,34
30.06.2019	02:00:00	6.143,39	6.202,61	10.286,25
30.06.2019	02:15:00	6.039,48	6.123,33	10.102,42
30.06.2019	02:30:00	5.924,81	5.878,95	9.851,00
30.06.2019	02:45:00	5.841,84	5.725,82	9.720,04
30.06.2019	03:00:00	5.747,22	5.586,78	9.612,28
30.06.2019	03:15:00	5.691,33	5.536,55	9.541,81
30.06.2019	03:30:00	5.638,34	5.505,41	9.535,23
30.06.2019	03:45:00	5.529,03	5.448,89	9.465,82
30.06.2019	04:00:00	5.538,06	5.627,53	9.570,20
30.06.2019	04:15:00	5.615,67	5.685,74	9.599,21
30.06.2019	04:30:00	5.581,15	5.628,24	9.598,88
30.06.2019	04:45:00	5.563,41	5.605,91	9.569,67
30.06.2019	05:00:00	5.528,07	5.560,37	9.518,01
30.06.2019	05:15:00	5.294,98	5.197,71	9.121,37
30.06.2019	05:30:00	5.283,75	5.091,66	8.953,91
30.06.2019	05:45:00	5.285,40	5.081,21	9.044,98
30.06.2019	06:00:00	5.319,69	5.062,39	9.021,98
30.06.2019	06:15:00	5.355,46	5.062,02	9.136,00
30.06.2019	06:30:00	5.373,98	5.064,58	9.097,03
30.06.2019	06:45:00	5.435,61	5.077,66	9.332,34
30.06.2019	07:00:00	5.452,38	5.055,90	9.337,43
30.06.2019	07:15:00	5.581,61	5.121,25	9.367,54
30.06.2019	07:30:00	5.706,23	5.160,10	9.479,10
30.06.2019	07:45:00	5.674,40	5.073,36	9.397,34
30.06.2019	08:00:00	5.837,30	5.099,47	9.366,05
30.06.2019	08:15:00	6.030,41	5.126,80	9.464,30
30.06.2019	08:30:00	6.201,38	5.191,68	9.595,08
30.06.2019	08:45:00	6.517,98	5.146,38	9.567,75
30.06.2019	09:00:00	6.810,40	5.080,05	9.573,26
30.06.2019	09:15:00	7.153,33	5.116,96	9.607,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.06.2019	09:30:00	7.512,86	5.132,67	9.667,90
30.06.2019	09:45:00	7.733,42	4.996,15	9.521,42
30.06.2019	10:00:00	7.963,32	4.915,94	9.433,18
30.06.2019	10:15:00	8.334,64	4.967,88	9.638,82
30.06.2019	10:30:00	8.549,58	4.840,20	9.562,20
30.06.2019	10:45:00	8.683,04	4.576,88	9.263,65
30.06.2019	11:00:00	8.777,38	4.379,02	9.076,82
30.06.2019	11:15:00	9.092,09	4.452,73	9.130,09
30.06.2019	11:30:00	9.419,46	4.597,74	9.269,54
30.06.2019	11:45:00	9.631,10	4.645,77	9.381,58
30.06.2019	12:00:00	9.691,64	4.570,27	9.420,90
30.06.2019	12:15:00	9.780,37	4.623,02	9.375,18
30.06.2019	12:30:00	9.825,52	4.632,56	9.360,42
30.06.2019	12:45:00	9.774,31	4.497,64	9.245,86
30.06.2019	13:00:00	9.736,21	4.326,98	9.070,79
30.06.2019	13:15:00	9.636,62	4.241,25	9.016,02
30.06.2019	13:30:00	9.604,65	4.129,32	8.811,99
30.06.2019	13:45:00	9.762,31	4.150,19	8.953,62
30.06.2019	14:00:00	9.493,47	3.886,81	8.657,50
30.06.2019	14:15:00	9.257,12	3.652,21	8.402,28
30.06.2019	14:30:00	9.145,66	3.538,43	8.319,82
30.06.2019	14:45:00	9.224,27	3.734,81	8.394,54
30.06.2019	15:00:00	9.065,51	3.821,85	8.542,19
30.06.2019	15:15:00	9.424,53	3.900,13	8.605,04
30.06.2019	15:30:00	9.299,79	4.179,99	8.605,08
30.06.2019	15:45:00	9.136,40	4.475,36	8.826,14
30.06.2019	16:00:00	9.191,64	4.467,57	8.820,69
30.06.2019	16:15:00	9.386,91	4.791,86	9.046,26
30.06.2019	16:30:00	9.249,73	5.398,84	9.614,50
30.06.2019	16:45:00	9.674,30	5.041,30	9.383,76
30.06.2019	17:00:00	9.761,00	5.640,68	10.058,39
30.06.2019	17:15:00	10.010,96	5.853,06	10.243,49
30.06.2019	17:30:00	10.249,72	6.171,68	10.616,49
30.06.2019	17:45:00	10.329,97	6.664,94	11.220,09
30.06.2019	18:00:00	10.487,53	7.462,86	12.021,00
30.06.2019	18:15:00	10.694,66	7.726,19	12.233,66
30.06.2019	18:30:00	10.960,15	8.147,47	12.597,60
30.06.2019	18:45:00	10.990,14	8.503,52	12.972,62
30.06.2019	19:00:00	11.015,38	8.856,92	13.255,67
30.06.2019	19:15:00	11.004,77	9.143,19	13.629,82
30.06.2019	19:30:00	10.718,83	9.203,52	13.689,52
30.06.2019	19:45:00	10.488,63	9.304,75	13.746,70
30.06.2019	20:00:00	10.327,68	9.467,75	14.176,34
30.06.2019	20:15:00	10.247,17	9.679,57	14.471,04
30.06.2019	20:30:00	10.131,35	9.794,40	14.679,13
30.06.2019	20:45:00	10.172,17	10.001,61	14.816,56
30.06.2019	21:00:00	9.947,71	9.864,91	14.619,30
30.06.2019	21:15:00	9.912,26	9.890,77	14.600,33
30.06.2019	21:30:00	9.934,79	9.973,72	14.620,91
30.06.2019	21:45:00	9.861,98	9.905,05	14.583,24
30.06.2019	22:00:00	9.877,47	9.953,26	14.765,97
30.06.2019	22:15:00	9.990,56	10.077,21	15.031,85
30.06.2019	22:30:00	9.891,66	9.974,94	15.076,39
30.06.2019	22:45:00	9.634,01	9.674,85	14.768,49
30.06.2019	23:00:00	9.276,15	9.316,39	14.396,26
30.06.2019	23:15:00	8.759,64	8.824,89	13.940,40
30.06.2019	23:30:00	8.289,94	8.362,61	13.465,18
30.06.2019	23:45:00	7.859,56	7.923,40	12.989,71
01.07.2019	00:00:00	7.355,10	7.397,34	12.425,37
01.07.2019	00:15:00	7.033,24	7.025,23	12.087,31
01.07.2019	00:30:00	6.740,23	6.646,80	11.743,12
01.07.2019	00:45:00	6.501,51	6.409,49	11.392,85
01.07.2019	01:00:00	6.307,68	6.275,10	11.331,84
01.07.2019	01:15:00	6.105,43	6.080,97	11.151,60
01.07.2019	01:30:00	6.052,73	6.028,42	11.138,14
01.07.2019	01:45:00	5.968,77	5.944,49	10.940,46
01.07.2019	02:00:00	5.857,02	5.893,53	10.846,98
01.07.2019	02:15:00	5.818,17	5.866,05	10.928,30
01.07.2019	02:30:00	5.774,90	5.785,48	10.861,74
01.07.2019	02:45:00	5.701,07	5.705,14	10.730,62
01.07.2019	03:00:00	5.569,10	5.577,16	10.659,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.07.2019	03:15:00	5.622,26	5.540,63	10.666,58
01.07.2019	03:30:00	5.615,75	5.569,05	10.758,50
01.07.2019	03:45:00	5.577,77	5.557,05	10.731,22
01.07.2019	04:00:00	5.614,70	5.629,72	10.781,76
01.07.2019	04:15:00	5.778,51	5.793,98	10.924,22
01.07.2019	04:30:00	5.834,60	5.888,52	11.033,34
01.07.2019	04:45:00	5.959,66	6.021,78	11.275,89
01.07.2019	05:00:00	6.078,28	6.153,19	11.996,84
01.07.2019	05:15:00	6.189,45	6.279,55	12.955,67
01.07.2019	05:30:00	6.180,05	6.296,68	13.067,19
01.07.2019	05:45:00	6.472,73	6.562,71	13.835,75
01.07.2019	06:00:00	6.655,04	6.618,40	14.621,64
01.07.2019	06:15:00	7.106,15	7.021,77	16.245,28
01.07.2019	06:30:00	7.460,67	7.307,62	17.134,19
01.07.2019	06:45:00	7.831,20	7.645,57	18.046,48
01.07.2019	07:00:00	8.179,01	7.739,52	18.583,49
01.07.2019	07:15:00	8.362,57	7.707,41	19.099,18
01.07.2019	07:30:00	8.592,45	7.782,45	19.647,35
01.07.2019	07:45:00	8.811,09	8.163,72	20.589,55
01.07.2019	08:00:00	8.920,21	8.481,49	21.397,86
01.07.2019	08:15:00	8.877,43	8.349,49	21.506,82
01.07.2019	08:30:00	8.979,48	8.166,46	21.576,16
01.07.2019	08:45:00	9.282,54	8.202,68	21.560,82
01.07.2019	09:00:00	9.471,83	8.022,66	21.266,95
01.07.2019	09:15:00	9.653,81	7.829,42	20.564,15
01.07.2019	09:30:00	9.942,24	7.866,49	20.617,81
01.07.2019	09:45:00	10.358,72	8.372,72	21.903,61
01.07.2019	10:00:00	10.398,32	7.879,89	21.429,54
01.07.2019	10:15:00	10.286,96	8.120,75	21.660,66
01.07.2019	10:30:00	11.354,05	8.388,17	22.133,63
01.07.2019	10:45:00	10.799,59	7.577,74	21.516,21
01.07.2019	11:00:00	10.874,76	7.328,66	21.377,20
01.07.2019	11:15:00	11.011,15	7.926,08	22.056,49
01.07.2019	11:30:00	11.118,96	7.091,75	21.175,13
01.07.2019	11:45:00	11.491,98	6.448,14	20.663,50
01.07.2019	12:00:00	12.202,05	9.120,07	23.379,54
01.07.2019	12:15:00	11.795,36	8.123,09	21.879,11
01.07.2019	12:30:00	11.616,88	6.898,12	20.179,08
01.07.2019	12:45:00	11.754,28	6.813,12	20.358,35
01.07.2019	13:00:00	11.343,97	6.692,35	20.308,62
01.07.2019	13:15:00	12.541,62	7.411,42	21.276,14
01.07.2019	13:30:00	10.739,28	8.836,32	23.302,39
01.07.2019	13:45:00	11.115,05	6.450,91	20.413,00
01.07.2019	14:00:00	11.337,14	6.173,62	19.916,72
01.07.2019	14:15:00	11.643,65	6.267,89	19.832,72
01.07.2019	14:30:00	11.470,38	6.100,03	19.688,35
01.07.2019	14:45:00	11.593,97	6.170,06	19.392,02
01.07.2019	15:00:00	11.548,34	6.845,19	19.821,96
01.07.2019	15:15:00	11.471,89	9.396,23	22.184,36
01.07.2019	15:30:00	11.417,30	10.620,17	23.046,67
01.07.2019	15:45:00	11.494,00	11.273,47	23.572,46
01.07.2019	16:00:00	11.509,93	11.333,95	23.276,64
01.07.2019	16:15:00	11.457,99	11.189,65	22.866,00
01.07.2019	16:30:00	11.419,58	10.952,31	22.459,12
01.07.2019	16:45:00	11.403,70	10.530,24	21.786,72
01.07.2019	17:00:00	11.437,12	9.869,44	20.596,57
01.07.2019	17:15:00	11.530,05	8.868,72	19.275,91
01.07.2019	17:30:00	11.445,46	9.743,73	20.048,11
01.07.2019	17:45:00	11.278,72	9.717,72	19.805,12
01.07.2019	18:00:00	11.291,62	9.660,04	19.607,72
01.07.2019	18:15:00	11.788,04	9.422,92	19.207,58
01.07.2019	18:30:00	12.109,97	9.243,40	18.544,20
01.07.2019	18:45:00	12.046,98	9.580,04	18.830,19
01.07.2019	19:00:00	11.775,85	9.770,74	19.070,42
01.07.2019	19:15:00	11.825,45	9.986,28	19.245,50
01.07.2019	19:30:00	11.408,55	10.062,26	19.238,07
01.07.2019	19:45:00	10.986,18	10.078,44	19.290,32
01.07.2019	20:00:00	10.911,44	10.012,15	18.979,67
01.07.2019	20:15:00	10.749,17	10.132,14	19.028,53
01.07.2019	20:30:00	10.407,95	10.173,50	18.807,25
01.07.2019	20:45:00	10.306,37	10.072,71	18.542,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.07.2019	21:00:00	10.169,08	9.986,16	18.360,05
01.07.2019	21:15:00	10.045,19	9.963,05	18.440,01
01.07.2019	21:30:00	10.131,78	10.176,70	18.519,69
01.07.2019	21:45:00	9.882,86	9.975,19	18.239,55
01.07.2019	22:00:00	9.940,03	10.020,85	18.304,23
01.07.2019	22:15:00	10.021,61	10.081,06	18.083,58
01.07.2019	22:30:00	9.736,12	9.798,66	17.346,89
01.07.2019	22:45:00	9.455,51	9.546,99	16.677,31
01.07.2019	23:00:00	9.146,46	9.229,89	16.152,49
01.07.2019	23:15:00	8.615,75	8.696,44	15.451,12
01.07.2019	23:30:00	8.237,54	8.316,09	15.010,25
01.07.2019	23:45:00	7.787,62	7.864,74	14.448,32
02.07.2019	00:00:00	7.376,11	7.403,48	13.920,38
02.07.2019	00:15:00	6.944,24	6.964,26	13.435,48
02.07.2019	00:30:00	6.649,13	6.674,64	13.110,50
02.07.2019	00:45:00	6.469,84	6.492,01	13.027,56
02.07.2019	01:00:00	6.308,51	6.333,35	12.847,38
02.07.2019	01:15:00	6.200,03	6.233,02	12.784,94
02.07.2019	01:30:00	6.048,55	6.105,65	12.584,41
02.07.2019	01:45:00	5.996,77	6.062,66	12.420,15
02.07.2019	02:00:00	5.881,92	5.947,24	12.254,04
02.07.2019	02:15:00	5.784,87	5.855,83	12.072,19
02.07.2019	02:30:00	5.754,68	5.840,26	12.047,78
02.07.2019	02:45:00	5.641,64	5.726,96	12.173,48
02.07.2019	03:00:00	5.623,13	5.669,45	12.126,74
02.07.2019	03:15:00	5.725,06	5.754,78	12.214,51
02.07.2019	03:30:00	5.604,89	5.638,28	12.219,26
02.07.2019	03:45:00	5.577,35	5.633,31	12.097,90
02.07.2019	04:00:00	5.636,13	5.718,49	12.316,93
02.07.2019	04:15:00	5.778,58	5.860,03	12.470,01
02.07.2019	04:30:00	5.894,78	5.942,07	12.564,29
02.07.2019	04:45:00	5.982,92	6.023,35	12.695,30
02.07.2019	05:00:00	6.132,56	6.201,24	13.031,03
02.07.2019	05:15:00	6.029,72	6.126,50	13.338,59
02.07.2019	05:30:00	6.176,56	6.277,90	13.827,41
02.07.2019	05:45:00	6.397,00	6.468,52	14.296,06
02.07.2019	06:00:00	6.611,83	6.628,41	15.057,58
02.07.2019	06:15:00	6.990,86	6.907,05	16.535,00
02.07.2019	06:30:00	7.356,13	7.192,66	17.491,88
02.07.2019	06:45:00	7.718,61	7.503,17	18.424,66
02.07.2019	07:00:00	8.106,46	7.638,76	18.769,08
02.07.2019	07:15:00	8.278,83	7.647,35	19.194,94
02.07.2019	07:30:00	8.599,01	7.959,78	20.098,54
02.07.2019	07:45:00	8.691,05	8.147,79	20.465,39
02.07.2019	08:00:00	8.517,22	7.792,03	20.467,59
02.07.2019	08:15:00	8.624,34	7.876,09	20.731,31
02.07.2019	08:30:00	8.776,24	7.886,41	20.604,80
02.07.2019	08:45:00	8.838,45	7.529,86	20.399,71
02.07.2019	09:00:00	8.966,71	7.341,98	20.101,70
02.07.2019	09:15:00	9.226,21	7.427,15	19.594,31
02.07.2019	09:30:00	9.308,37	7.199,63	19.500,53
02.07.2019	09:45:00	9.224,64	6.626,28	19.417,10
02.07.2019	10:00:00	9.509,72	6.622,92	19.517,89
02.07.2019	10:15:00	9.708,20	6.475,26	19.418,57
02.07.2019	10:30:00	9.860,37	6.325,76	19.411,32
02.07.2019	10:45:00	10.086,58	6.245,00	19.316,78
02.07.2019	11:00:00	10.198,41	6.107,50	19.204,40
02.07.2019	11:15:00	10.436,37	6.136,43	19.389,03
02.07.2019	11:30:00	10.530,24	5.955,56	19.234,86
02.07.2019	11:45:00	10.731,60	5.881,19	19.041,75
02.07.2019	12:00:00	10.904,21	5.929,90	18.784,12
02.07.2019	12:15:00	11.184,71	6.025,24	18.598,86
02.07.2019	12:30:00	11.130,46	5.911,84	17.993,73
02.07.2019	12:45:00	10.967,75	5.578,35	17.824,69
02.07.2019	13:00:00	10.945,64	5.484,08	17.870,10
02.07.2019	13:15:00	10.871,29	5.436,83	17.651,43
02.07.2019	13:30:00	10.914,71	5.311,72	17.822,14
02.07.2019	13:45:00	10.973,66	5.240,65	18.049,34
02.07.2019	14:00:00	10.865,38	5.109,64	17.930,72
02.07.2019	14:15:00	10.880,58	5.230,00	17.923,76
02.07.2019	14:30:00	10.758,27	5.087,35	17.535,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.07.2019	14:45:00	10.834,12	5.177,10	17.424,16
02.07.2019	15:00:00	10.773,26	5.206,88	17.325,71
02.07.2019	15:15:00	10.878,64	5.359,01	17.275,32
02.07.2019	15:30:00	10.982,31	5.533,11	17.205,94
02.07.2019	15:45:00	11.129,92	5.749,81	17.097,32
02.07.2019	16:00:00	11.083,80	5.832,06	16.825,71
02.07.2019	16:15:00	11.164,66	6.072,84	16.624,92
02.07.2019	16:30:00	11.207,56	6.248,75	16.493,98
02.07.2019	16:45:00	11.323,89	6.569,91	16.621,38
02.07.2019	17:00:00	11.344,07	6.777,82	16.829,30
02.07.2019	17:15:00	11.564,87	7.187,91	17.052,39
02.07.2019	17:30:00	11.697,25	7.543,22	17.139,68
02.07.2019	17:45:00	11.890,66	8.097,33	17.527,83
02.07.2019	18:00:00	11.818,65	8.962,41	18.407,11
02.07.2019	18:15:00	11.992,11	9.033,98	18.189,80
02.07.2019	18:30:00	11.896,90	9.116,24	17.912,52
02.07.2019	18:45:00	11.687,04	9.594,95	18.331,84
02.07.2019	19:00:00	11.698,62	9.248,56	18.046,33
02.07.2019	19:15:00	11.635,90	9.690,40	18.447,50
02.07.2019	19:30:00	11.311,01	9.815,40	18.615,12
02.07.2019	19:45:00	10.916,34	10.106,35	18.920,44
02.07.2019	20:00:00	10.600,51	10.269,52	18.953,08
02.07.2019	20:15:00	10.781,55	10.151,69	18.442,42
02.07.2019	20:30:00	10.563,05	10.147,17	18.553,51
02.07.2019	20:45:00	10.430,46	10.241,79	18.415,51
02.07.2019	21:00:00	10.127,48	10.059,56	18.173,53
02.07.2019	21:15:00	9.982,75	9.997,96	18.256,66
02.07.2019	21:30:00	10.081,73	10.155,64	18.347,15
02.07.2019	21:45:00	9.866,15	9.960,14	17.947,94
02.07.2019	22:00:00	9.881,40	9.982,43	17.722,41
02.07.2019	22:15:00	10.032,17	10.109,44	17.698,11
02.07.2019	22:30:00	9.743,91	9.791,57	17.206,18
02.07.2019	22:45:00	9.526,15	9.574,79	16.734,17
02.07.2019	23:00:00	9.099,38	9.135,36	16.015,28
02.07.2019	23:15:00	8.614,66	8.650,99	15.367,08
02.07.2019	23:30:00	8.119,87	8.157,09	14.910,70
02.07.2019	23:45:00	7.647,55	7.721,20	14.385,21
03.07.2019	00:00:00	7.255,67	7.321,29	13.942,18
03.07.2019	00:15:00	6.964,32	7.028,84	13.624,45
03.07.2019	00:30:00	6.630,64	6.651,63	13.186,11
03.07.2019	00:45:00	6.441,66	6.450,77	12.877,93
03.07.2019	01:00:00	6.228,33	6.248,02	12.761,36
03.07.2019	01:15:00	6.147,22	6.199,51	12.585,97
03.07.2019	01:30:00	6.043,36	6.096,26	12.628,14
03.07.2019	01:45:00	6.010,57	6.061,36	12.409,00
03.07.2019	02:00:00	5.785,05	5.838,29	12.127,55
03.07.2019	02:15:00	5.687,11	5.747,78	12.103,32
03.07.2019	02:30:00	5.757,00	5.846,16	12.145,66
03.07.2019	02:45:00	5.673,78	5.775,12	11.800,37
03.07.2019	03:00:00	5.572,80	5.633,43	11.658,61
03.07.2019	03:15:00	5.544,08	5.601,60	11.560,00
03.07.2019	03:30:00	5.439,58	5.517,48	11.558,86
03.07.2019	03:45:00	5.417,27	5.512,61	11.384,64
03.07.2019	04:00:00	5.570,68	5.668,59	11.465,53
03.07.2019	04:15:00	5.647,68	5.647,94	11.587,57
03.07.2019	04:30:00	5.679,90	5.667,66	11.634,52
03.07.2019	04:45:00	5.821,71	5.792,48	11.981,90
03.07.2019	05:00:00	5.905,78	5.868,82	12.330,36
03.07.2019	05:15:00	6.065,89	6.028,77	12.909,71
03.07.2019	05:30:00	6.126,19	6.102,70	13.183,80
03.07.2019	05:45:00	6.412,30	6.385,93	13.726,57
03.07.2019	06:00:00	6.735,98	6.709,12	14.627,62
03.07.2019	06:15:00	7.042,44	6.970,56	15.997,98
03.07.2019	06:30:00	7.429,88	7.200,13	16.701,77
03.07.2019	06:45:00	7.641,30	7.217,84	17.274,34
03.07.2019	07:00:00	7.941,02	7.582,78	18.307,36
03.07.2019	07:15:00	8.056,42	7.673,64	18.987,03
03.07.2019	07:30:00	8.363,06	7.915,72	19.649,37
03.07.2019	07:45:00	8.452,62	7.928,25	19.698,67
03.07.2019	08:00:00	8.443,47	7.780,24	19.963,62
03.07.2019	08:15:00	8.719,05	7.822,38	20.492,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.07.2019	08:30:00	9.090,39	8.082,12	21.070,17
03.07.2019	08:45:00	9.197,13	7.672,41	20.817,90
03.07.2019	09:00:00	9.075,53	7.509,64	20.459,87
03.07.2019	09:15:00	9.097,32	7.048,78	19.319,96
03.07.2019	09:30:00	9.067,44	6.705,47	19.186,38
03.07.2019	09:45:00	9.201,58	6.566,38	19.581,36
03.07.2019	10:00:00	9.335,57	6.566,33	19.565,94
03.07.2019	10:15:00	9.565,51	6.377,49	19.572,97
03.07.2019	10:30:00	9.696,30	5.960,63	19.147,86
03.07.2019	10:45:00	9.795,61	5.931,65	19.237,37
03.07.2019	11:00:00	9.737,67	5.493,95	19.036,31
03.07.2019	11:15:00	10.298,20	6.152,22	19.548,20
03.07.2019	11:30:00	10.230,80	5.849,53	19.242,72
03.07.2019	11:45:00	10.777,77	5.725,38	19.248,49
03.07.2019	12:00:00	10.966,47	6.317,74	19.587,86
03.07.2019	12:15:00	11.115,00	6.400,39	19.199,57
03.07.2019	12:30:00	11.102,33	7.066,03	19.433,08
03.07.2019	12:45:00	10.897,18	5.833,43	18.296,58
03.07.2019	13:00:00	10.544,55	5.565,71	18.123,97
03.07.2019	13:15:00	10.304,01	4.808,07	17.452,59
03.07.2019	13:30:00	10.509,87	5.051,99	17.921,69
03.07.2019	13:45:00	10.387,97	4.922,97	17.862,63
03.07.2019	14:00:00	10.250,68	4.795,80	17.758,02
03.07.2019	14:15:00	10.291,71	4.609,21	17.295,02
03.07.2019	14:30:00	10.354,81	4.756,14	17.329,75
03.07.2019	14:45:00	10.447,98	4.837,53	17.165,81
03.07.2019	15:00:00	10.450,12	4.886,89	16.986,96
03.07.2019	15:15:00	10.548,87	5.104,98	16.902,14
03.07.2019	15:30:00	10.515,33	5.180,18	16.687,58
03.07.2019	15:45:00	10.738,70	5.356,69	16.522,90
03.07.2019	16:00:00	10.869,13	5.603,41	16.570,74
03.07.2019	16:15:00	10.931,55	5.775,40	16.446,76
03.07.2019	16:30:00	11.106,43	6.083,11	16.651,38
03.07.2019	16:45:00	11.246,90	6.416,09	16.627,64
03.07.2019	17:00:00	11.248,85	6.564,01	16.535,91
03.07.2019	17:15:00	11.291,87	6.844,61	16.468,38
03.07.2019	17:30:00	11.343,78	7.410,53	16.893,51
03.07.2019	17:45:00	11.704,46	7.622,76	16.876,90
03.07.2019	18:00:00	11.774,04	8.067,03	17.192,76
03.07.2019	18:15:00	11.884,81	8.461,03	17.355,74
03.07.2019	18:30:00	11.869,48	8.724,46	17.357,46
03.07.2019	18:45:00	11.852,92	9.037,05	17.576,98
03.07.2019	19:00:00	11.484,16	9.334,75	17.901,64
03.07.2019	19:15:00	11.607,63	9.483,33	18.271,87
03.07.2019	19:30:00	10.874,53	9.837,58	18.658,50
03.07.2019	19:45:00	10.881,57	9.876,80	18.564,87
03.07.2019	20:00:00	10.673,21	9.742,07	18.222,78
03.07.2019	20:15:00	10.471,38	9.555,62	17.881,39
03.07.2019	20:30:00	10.033,31	9.482,14	17.797,92
03.07.2019	20:45:00	9.786,63	9.581,36	17.717,05
03.07.2019	21:00:00	9.670,84	9.563,17	17.661,63
03.07.2019	21:15:00	9.639,96	9.541,85	17.426,82
03.07.2019	21:30:00	9.669,51	9.603,22	17.429,44
03.07.2019	21:45:00	9.482,36	9.428,78	17.409,72
03.07.2019	22:00:00	9.509,41	9.474,86	17.417,21
03.07.2019	22:15:00	9.759,25	9.730,97	17.580,74
03.07.2019	22:30:00	9.561,74	9.525,70	17.146,90
03.07.2019	22:45:00	9.273,43	9.245,49	16.430,94
03.07.2019	23:00:00	8.980,45	9.021,67	16.116,07
03.07.2019	23:15:00	8.397,96	8.457,60	15.262,10
03.07.2019	23:30:00	8.002,79	8.079,16	14.712,13
03.07.2019	23:45:00	7.526,63	7.570,30	14.166,33
04.07.2019	00:00:00	7.083,76	7.127,60	13.678,44
04.07.2019	00:15:00	6.701,71	6.771,74	13.234,24
04.07.2019	00:30:00	6.450,38	6.517,29	12.905,38
04.07.2019	00:45:00	6.251,96	6.312,54	12.632,89
04.07.2019	01:00:00	6.088,29	6.157,36	12.541,42
04.07.2019	01:15:00	5.942,29	6.040,61	12.347,56
04.07.2019	01:30:00	5.858,01	5.962,25	12.302,66
04.07.2019	01:45:00	5.820,60	5.883,75	12.141,88
04.07.2019	02:00:00	5.676,02	5.731,73	12.050,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.07.2019	02:15:00	5.576,63	5.637,56	11.966,69
04.07.2019	02:30:00	5.544,28	5.605,60	11.889,50
04.07.2019	02:45:00	5.497,36	5.557,61	11.977,08
04.07.2019	03:00:00	5.535,56	5.634,11	11.965,85
04.07.2019	03:15:00	5.528,59	5.632,50	11.984,84
04.07.2019	03:30:00	5.465,80	5.550,59	11.863,14
04.07.2019	03:45:00	5.471,50	5.520,21	11.801,52
04.07.2019	04:00:00	5.472,52	5.523,91	11.838,50
04.07.2019	04:15:00	5.547,99	5.600,43	12.041,10
04.07.2019	04:30:00	5.663,61	5.719,25	12.024,86
04.07.2019	04:45:00	5.778,30	5.834,33	12.158,16
04.07.2019	05:00:00	5.932,12	5.984,35	12.508,12
04.07.2019	05:15:00	5.980,40	6.038,10	12.895,51
04.07.2019	05:30:00	5.962,01	6.026,64	13.268,28
04.07.2019	05:45:00	6.302,94	6.345,70	14.027,19
04.07.2019	06:00:00	6.490,05	6.526,97	14.845,08
04.07.2019	06:15:00	6.922,61	6.920,69	16.325,48
04.07.2019	06:30:00	7.289,49	7.234,31	17.152,89
04.07.2019	06:45:00	7.532,40	7.403,89	17.842,35
04.07.2019	07:00:00	7.861,20	7.715,25	18.766,38
04.07.2019	07:15:00	8.009,99	7.815,73	19.278,38
04.07.2019	07:30:00	8.035,60	7.783,18	19.669,68
04.07.2019	07:45:00	8.032,59	7.737,17	19.410,51
04.07.2019	08:00:00	8.028,17	7.635,02	19.470,83
04.07.2019	08:15:00	8.071,87	7.467,92	19.700,64
04.07.2019	08:30:00	8.074,16	7.230,30	19.462,68
04.07.2019	08:45:00	8.255,58	7.069,44	19.268,24
04.07.2019	09:00:00	8.463,93	6.898,88	19.050,92
04.07.2019	09:15:00	8.682,64	6.762,01	18.330,48
04.07.2019	09:30:00	8.974,18	6.743,57	18.434,60
04.07.2019	09:45:00	9.086,00	6.449,31	18.700,02
04.07.2019	10:00:00	9.196,78	6.226,42	18.528,42
04.07.2019	10:15:00	9.534,09	6.230,85	18.541,94
04.07.2019	10:30:00	9.654,56	6.047,60	18.506,18
04.07.2019	10:45:00	9.797,89	5.925,46	18.679,48
04.07.2019	11:00:00	9.823,06	5.652,92	18.407,48
04.07.2019	11:15:00	10.068,36	5.612,63	18.394,67
04.07.2019	11:30:00	10.359,95	5.599,74	18.660,01
04.07.2019	11:45:00	10.599,37	5.655,88	18.566,83
04.07.2019	12:00:00	10.875,99	5.719,54	18.389,90
04.07.2019	12:15:00	11.039,16	5.742,35	17.882,76
04.07.2019	12:30:00	10.867,74	5.425,01	17.423,82
04.07.2019	12:45:00	10.742,90	5.201,19	17.262,81
04.07.2019	13:00:00	10.564,23	4.907,34	17.149,14
04.07.2019	13:15:00	10.491,93	4.825,86	17.284,58
04.07.2019	13:30:00	10.560,58	4.922,10	17.702,61
04.07.2019	13:45:00	10.548,84	4.922,66	17.593,30
04.07.2019	14:00:00	10.456,26	4.844,58	17.450,19
04.07.2019	14:15:00	10.482,29	4.877,17	17.556,81
04.07.2019	14:30:00	10.534,11	4.930,64	17.312,07
04.07.2019	14:45:00	10.563,62	4.939,13	17.178,60
04.07.2019	15:00:00	10.452,15	4.914,78	17.082,65
04.07.2019	15:15:00	10.539,15	5.040,34	17.013,08
04.07.2019	15:30:00	10.570,25	5.133,08	16.781,22
04.07.2019	15:45:00	10.647,47	5.333,51	16.694,10
04.07.2019	16:00:00	10.723,13	5.553,87	16.790,82
04.07.2019	16:15:00	10.759,93	5.716,66	16.694,71
04.07.2019	16:30:00	10.919,84	5.973,66	16.619,74
04.07.2019	16:45:00	11.209,92	6.392,38	16.752,75
04.07.2019	17:00:00	11.137,49	6.537,37	16.829,27
04.07.2019	17:15:00	11.125,92	6.747,51	16.739,76
04.07.2019	17:30:00	11.308,96	7.136,32	16.931,33
04.07.2019	17:45:00	11.559,89	7.668,83	17.259,80
04.07.2019	18:00:00	11.802,19	8.178,90	17.640,80
04.07.2019	18:15:00	11.874,76	8.490,74	17.893,00
04.07.2019	18:30:00	11.872,13	8.608,50	17.548,46
04.07.2019	18:45:00	11.830,32	8.861,77	17.796,99
04.07.2019	19:00:00	11.640,78	9.013,28	17.844,46
04.07.2019	19:15:00	11.360,08	9.109,40	17.917,01
04.07.2019	19:30:00	11.336,30	9.472,02	18.135,34
04.07.2019	19:45:00	11.005,21	9.489,74	18.100,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.07.2019	20:00:00	10.753,79	9.565,20	18.162,68
04.07.2019	20:15:00	10.515,21	9.629,93	18.136,51
04.07.2019	20:30:00	10.213,87	9.601,10	17.926,84
04.07.2019	20:45:00	10.019,41	9.641,82	17.840,32
04.07.2019	21:00:00	9.623,26	9.378,61	17.458,49
04.07.2019	21:15:00	9.657,07	9.436,86	17.506,89
04.07.2019	21:30:00	9.867,74	9.711,23	17.745,88
04.07.2019	21:45:00	9.698,90	9.547,27	17.486,27
04.07.2019	22:00:00	9.861,48	9.714,65	17.544,30
04.07.2019	22:15:00	9.795,64	9.648,89	17.116,17
04.07.2019	22:30:00	9.570,48	9.457,68	16.905,54
04.07.2019	22:45:00	9.422,93	9.293,92	16.430,44
04.07.2019	23:00:00	9.032,12	8.874,19	15.853,78
04.07.2019	23:15:00	8.494,71	8.330,92	15.092,83
04.07.2019	23:30:00	8.031,64	7.897,13	14.329,80
04.07.2019	23:45:00	7.536,80	7.402,25	13.572,63
05.07.2019	00:00:00	7.146,00	7.008,41	13.159,70
05.07.2019	00:15:00	6.706,71	6.569,40	12.674,23
05.07.2019	00:30:00	6.488,53	6.348,96	12.485,54
05.07.2019	00:45:00	6.294,05	6.149,68	12.327,18
05.07.2019	01:00:00	6.118,69	5.951,45	12.105,68
05.07.2019	01:15:00	5.908,92	5.750,94	11.808,86
05.07.2019	01:30:00	5.840,78	5.692,10	11.671,18
05.07.2019	01:45:00	5.742,53	5.601,33	11.537,53
05.07.2019	02:00:00	5.629,22	5.512,16	11.493,26
05.07.2019	02:15:00	5.596,84	5.490,13	11.403,94
05.07.2019	02:30:00	5.549,79	5.334,80	11.340,55
05.07.2019	02:45:00	5.522,76	5.303,88	11.246,45
05.07.2019	03:00:00	5.441,47	5.214,34	11.152,22
05.07.2019	03:15:00	5.392,79	5.129,68	11.075,10
05.07.2019	03:30:00	5.411,10	5.173,79	10.928,78
05.07.2019	03:45:00	5.388,15	5.158,22	10.917,54
05.07.2019	04:00:00	5.408,48	5.179,12	11.060,06
05.07.2019	04:15:00	5.524,17	5.299,98	11.344,71
05.07.2019	04:30:00	5.698,45	5.555,82	11.594,98
05.07.2019	04:45:00	5.820,55	5.680,42	11.800,68
05.07.2019	05:00:00	5.979,65	5.830,69	12.246,94
05.07.2019	05:15:00	6.171,46	6.012,77	12.828,07
05.07.2019	05:30:00	5.932,38	5.792,12	12.888,09
05.07.2019	05:45:00	6.196,84	6.054,10	13.602,89
05.07.2019	06:00:00	6.521,69	6.341,50	14.429,24
05.07.2019	06:15:00	6.802,91	6.589,55	15.989,81
05.07.2019	06:30:00	7.230,01	6.999,33	16.998,70
05.07.2019	06:45:00	7.601,60	7.347,34	17.666,78
05.07.2019	07:00:00	7.985,12	7.740,78	18.601,30
05.07.2019	07:15:00	8.275,40	7.989,24	19.290,72
05.07.2019	07:30:00	8.271,29	7.912,50	19.531,73
05.07.2019	07:45:00	8.234,36	7.854,88	19.646,94
05.07.2019	08:00:00	8.286,80	7.857,69	19.934,73
05.07.2019	08:15:00	9.225,58	8.417,79	20.766,93
05.07.2019	08:30:00	9.456,88	8.359,77	20.752,63
05.07.2019	08:45:00	9.550,23	8.226,68	20.710,95
05.07.2019	09:00:00	9.734,26	8.382,50	20.773,52
05.07.2019	09:15:00	10.115,63	8.770,96	21.077,30
05.07.2019	09:30:00	10.013,21	8.116,53	20.362,88
05.07.2019	09:45:00	10.416,87	8.922,42	21.682,41
05.07.2019	10:00:00	10.383,76	8.343,82	21.235,68
05.07.2019	10:15:00	10.702,73	8.580,99	21.536,05
05.07.2019	10:30:00	10.789,54	8.749,25	21.658,15
05.07.2019	10:45:00	10.881,94	8.731,10	21.825,50
05.07.2019	11:00:00	10.579,27	7.931,04	21.075,15
05.07.2019	11:15:00	10.560,75	7.100,26	20.134,86
05.07.2019	11:30:00	11.149,50	6.933,14	19.746,95
05.07.2019	11:45:00	10.677,86	5.662,53	18.286,48
05.07.2019	12:00:00	10.945,34	6.575,20	18.710,46
05.07.2019	12:15:00	11.220,46	6.413,42	18.294,43
05.07.2019	12:30:00	11.307,16	6.150,55	17.493,41
05.07.2019	12:45:00	11.332,97	6.059,35	17.649,40
05.07.2019	13:00:00	10.975,51	5.735,88	17.185,92
05.07.2019	13:15:00	10.857,83	5.592,36	16.932,37
05.07.2019	13:30:00	10.869,79	5.462,75	16.792,45

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.07.2019	13:45:00	10.662,56	5.206,98	16.404,18
05.07.2019	14:00:00	10.620,09	5.090,98	16.098,11
05.07.2019	14:15:00	10.528,15	5.010,29	16.012,16
05.07.2019	14:30:00	10.503,98	5.023,63	16.238,11
05.07.2019	14:45:00	10.940,50	5.456,65	16.472,19
05.07.2019	15:00:00	10.723,91	5.242,42	16.034,68
05.07.2019	15:15:00	10.561,72	5.134,25	15.883,33
05.07.2019	15:30:00	10.799,02	5.484,86	15.990,31
05.07.2019	15:45:00	10.719,56	5.646,35	15.771,76
05.07.2019	16:00:00	9.012,12	6.301,46	16.145,72
05.07.2019	16:15:00	9.379,95	5.885,00	15.490,47
05.07.2019	16:30:00	10.972,55	5.686,40	15.181,50
05.07.2019	16:45:00	10.938,25	6.163,45	15.577,97
05.07.2019	17:00:00	11.056,60	6.650,60	15.863,45
05.07.2019	17:15:00	11.430,34	6.883,70	16.000,43
05.07.2019	17:30:00	11.375,32	7.322,80	16.397,55
05.07.2019	17:45:00	11.362,96	7.838,04	16.705,98
05.07.2019	18:00:00	11.109,81	8.341,24	17.438,97
05.07.2019	18:15:00	11.760,63	7.706,42	16.555,77
05.07.2019	18:30:00	11.528,82	8.120,70	16.916,44
05.07.2019	18:45:00	11.562,89	8.482,21	17.064,27
05.07.2019	19:00:00	11.587,92	8.770,03	17.184,60
05.07.2019	19:15:00	10.718,74	9.258,34	17.795,94
05.07.2019	19:30:00	11.070,23	9.167,91	17.372,14
05.07.2019	19:45:00	10.886,79	9.057,32	17.150,37
05.07.2019	20:00:00	10.586,43	9.414,50	17.428,57
05.07.2019	20:15:00	10.180,42	9.435,96	17.286,51
05.07.2019	20:30:00	9.760,43	9.478,14	17.150,93
05.07.2019	20:45:00	9.674,40	9.484,43	17.135,99
05.07.2019	21:00:00	9.597,57	9.526,56	17.136,58
05.07.2019	21:15:00	9.566,68	9.568,51	17.005,54
05.07.2019	21:30:00	9.639,13	9.720,52	17.153,75
05.07.2019	21:45:00	9.591,48	9.695,75	17.005,42
05.07.2019	22:00:00	9.755,43	9.818,70	16.948,72
05.07.2019	22:15:00	9.996,53	10.056,06	17.227,03
05.07.2019	22:30:00	9.867,90	9.922,85	16.896,66
05.07.2019	22:45:00	9.513,64	9.564,23	16.376,42
05.07.2019	23:00:00	9.286,79	9.336,16	15.764,13
05.07.2019	23:15:00	8.721,41	8.765,73	15.112,12
05.07.2019	23:30:00	8.427,77	8.464,53	14.735,81
05.07.2019	23:45:00	7.960,85	7.994,02	14.235,91
06.07.2019	00:00:00	7.663,14	7.700,98	13.848,34
06.07.2019	00:15:00	7.299,16	7.363,20	13.434,42
06.07.2019	00:30:00	7.028,13	7.097,70	13.110,20
06.07.2019	00:45:00	6.824,65	6.850,87	12.751,14
06.07.2019	01:00:00	6.632,48	6.700,35	12.628,96
06.07.2019	01:15:00	6.353,22	6.459,77	12.420,61
06.07.2019	01:30:00	6.317,19	6.429,33	12.243,90
06.07.2019	01:45:00	6.159,72	6.239,83	12.021,99
06.07.2019	02:00:00	6.019,51	6.093,51	11.777,75
06.07.2019	02:15:00	5.863,84	5.944,14	11.636,50
06.07.2019	02:30:00	5.807,72	5.912,45	11.535,52
06.07.2019	02:45:00	5.696,80	5.799,34	11.282,44
06.07.2019	03:00:00	5.620,23	5.722,65	11.130,41
06.07.2019	03:15:00	5.591,14	5.694,02	11.046,01
06.07.2019	03:30:00	5.590,68	5.693,74	10.940,76
06.07.2019	03:45:00	5.533,90	5.592,21	10.714,98
06.07.2019	04:00:00	5.487,75	5.537,78	10.661,97
06.07.2019	04:15:00	5.605,82	5.657,15	10.273,63
06.07.2019	04:30:00	5.642,42	5.699,51	10.267,84
06.07.2019	04:45:00	5.648,63	5.711,73	10.338,60
06.07.2019	05:00:00	5.681,94	5.739,45	10.412,54
06.07.2019	05:15:00	5.515,54	5.549,59	10.384,85
06.07.2019	05:30:00	5.420,92	5.452,52	10.441,68
06.07.2019	05:45:00	5.576,57	5.605,31	10.573,72
06.07.2019	06:00:00	5.708,01	5.708,05	10.865,94
06.07.2019	06:15:00	6.000,99	5.953,53	11.199,78
06.07.2019	06:30:00	6.154,25	6.095,21	11.269,35
06.07.2019	06:45:00	6.305,69	6.140,66	11.367,67
06.07.2019	07:00:00	6.441,20	6.096,38	11.362,84
06.07.2019	07:15:00	6.470,41	6.065,16	11.411,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.07.2019	07:30:00	6.650,55	6.186,24	11.574,02
06.07.2019	07:45:00	6.762,56	6.194,66	11.647,98
06.07.2019	08:00:00	7.023,69	6.417,46	11.802,40
06.07.2019	08:15:00	7.255,55	6.467,06	12.036,76
06.07.2019	08:30:00	7.561,07	6.515,13	12.180,34
06.07.2019	08:45:00	7.753,66	6.355,42	12.077,05
06.07.2019	09:00:00	8.054,24	6.321,49	12.199,00
06.07.2019	09:15:00	8.478,66	6.421,68	12.433,94
06.07.2019	09:30:00	8.630,67	6.095,12	12.242,68
06.07.2019	09:45:00	8.900,54	6.330,67	12.559,59
06.07.2019	10:00:00	9.240,83	6.331,08	12.579,31
06.07.2019	10:15:00	9.724,30	6.368,41	12.575,38
06.07.2019	10:30:00	9.707,32	6.353,22	12.643,82
06.07.2019	10:45:00	10.121,18	7.116,09	13.457,99
06.07.2019	11:00:00	9.919,08	6.166,35	12.490,69
06.07.2019	11:15:00	10.312,18	6.163,10	12.586,88
06.07.2019	11:30:00	10.357,36	5.828,15	12.288,58
06.07.2019	11:45:00	10.472,63	5.937,73	12.417,62
06.07.2019	12:00:00	10.937,88	5.832,43	12.127,40
06.07.2019	12:15:00	10.970,90	6.967,70	13.271,42
06.07.2019	12:30:00	11.436,05	6.674,43	12.837,71
06.07.2019	12:45:00	10.113,37	5.557,46	11.664,94
06.07.2019	13:00:00	10.683,49	5.678,61	11.755,55
06.07.2019	13:15:00	10.236,21	6.070,93	12.206,72
06.07.2019	13:30:00	11.488,10	5.960,53	12.143,93
06.07.2019	13:45:00	10.504,64	5.836,25	11.856,22
06.07.2019	14:00:00	10.106,33	6.514,69	12.554,17
06.07.2019	14:15:00	10.181,42	8.302,12	14.389,28
06.07.2019	14:30:00	10.014,72	8.227,19	14.215,22
06.07.2019	14:45:00	9.725,63	7.576,86	13.570,25
06.07.2019	15:00:00	9.912,42	6.362,12	12.342,27
06.07.2019	15:15:00	9.637,10	5.467,32	11.367,12
06.07.2019	15:30:00	9.820,16	4.935,85	10.770,60
06.07.2019	15:45:00	9.596,43	6.417,77	12.278,15
06.07.2019	16:00:00	9.411,55	7.049,26	12.976,28
06.07.2019	16:15:00	9.489,24	7.233,56	13.143,08
06.07.2019	16:30:00	9.331,13	7.010,73	12.808,51
06.07.2019	16:45:00	9.496,34	6.229,50	11.991,53
06.07.2019	17:00:00	9.723,77	6.241,16	12.062,88
06.07.2019	17:15:00	9.864,51	5.776,74	11.612,71
06.07.2019	17:30:00	10.202,38	6.201,73	12.127,90
06.07.2019	17:45:00	10.122,29	6.566,08	12.526,12
06.07.2019	18:00:00	10.568,86	6.688,61	12.540,59
06.07.2019	18:15:00	10.291,94	7.823,14	13.658,27
06.07.2019	18:30:00	10.371,56	8.400,96	14.253,65
06.07.2019	18:45:00	10.016,76	8.641,29	14.376,36
06.07.2019	19:00:00	9.941,01	8.645,72	14.394,83
06.07.2019	19:15:00	10.028,95	8.514,12	14.109,58
06.07.2019	19:30:00	9.723,44	9.105,51	14.625,68
06.07.2019	19:45:00	9.694,91	9.425,87	14.790,86
06.07.2019	20:00:00	9.504,06	9.328,99	14.610,43
06.07.2019	20:15:00	9.433,36	9.312,25	14.529,82
06.07.2019	20:30:00	9.239,41	8.895,97	14.041,01
06.07.2019	20:45:00	9.144,93	8.936,20	14.071,93
06.07.2019	21:00:00	9.020,13	8.820,73	13.877,33
06.07.2019	21:15:00	9.006,53	8.998,91	13.906,35
06.07.2019	21:30:00	9.088,53	9.125,60	14.030,54
06.07.2019	21:45:00	8.981,21	9.028,29	13.870,12
06.07.2019	22:00:00	9.291,47	9.343,12	14.128,46
06.07.2019	22:15:00	9.290,09	9.336,11	14.060,33
06.07.2019	22:30:00	9.287,89	9.281,73	13.999,00
06.07.2019	22:45:00	9.112,12	9.050,62	13.515,37
06.07.2019	23:00:00	8.958,46	8.902,17	13.482,06
06.07.2019	23:15:00	8.621,44	8.587,21	13.171,86
06.07.2019	23:30:00	8.299,73	8.256,54	12.695,71
06.07.2019	23:45:00	8.354,91	8.310,14	12.872,63
07.07.2019	00:00:00	8.075,47	8.032,27	12.781,28
07.07.2019	00:15:00	7.598,27	7.628,75	12.274,37
07.07.2019	00:30:00	7.263,33	7.298,31	11.941,50
07.07.2019	00:45:00	6.847,28	6.882,32	11.423,34
07.07.2019	01:00:00	6.737,37	6.811,03	11.320,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.07.2019	01:15:00	6.674,47	6.756,79	11.302,15
07.07.2019	01:30:00	6.397,60	6.353,95	10.855,60
07.07.2019	01:45:00	6.171,59	6.145,48	10.579,46
07.07.2019	02:00:00	5.942,37	5.992,45	10.440,38
07.07.2019	02:15:00	5.864,89	5.973,23	10.493,23
07.07.2019	02:30:00	5.785,92	5.891,27	10.403,26
07.07.2019	02:45:00	5.718,62	5.821,35	10.294,94
07.07.2019	03:00:00	5.591,31	5.693,64	10.154,98
07.07.2019	03:15:00	5.567,73	5.659,28	10.085,43
07.07.2019	03:30:00	5.458,89	5.514,90	9.867,74
07.07.2019	03:45:00	5.470,19	5.521,87	9.916,03
07.07.2019	04:00:00	5.396,12	5.445,85	9.823,38
07.07.2019	04:15:00	5.416,38	5.465,96	9.838,87
07.07.2019	04:30:00	5.415,69	5.466,71	9.797,41
07.07.2019	04:45:00	5.414,87	5.477,69	9.729,86
07.07.2019	05:00:00	5.434,15	5.486,70	9.842,94
07.07.2019	05:15:00	5.504,35	5.525,35	9.918,63
07.07.2019	05:30:00	5.183,76	5.212,94	9.613,48
07.07.2019	05:45:00	5.152,83	5.201,63	9.587,97
07.07.2019	06:00:00	5.170,25	5.186,68	9.611,96
07.07.2019	06:15:00	5.267,02	5.235,74	9.646,87
07.07.2019	06:30:00	5.346,32	5.209,58	9.584,07
07.07.2019	06:45:00	5.469,35	5.270,70	9.661,04
07.07.2019	07:00:00	5.612,89	5.484,66	9.903,23
07.07.2019	07:15:00	5.850,89	5.810,42	10.314,89
07.07.2019	07:30:00	6.049,14	6.017,68	10.501,88
07.07.2019	07:45:00	6.356,42	6.387,89	10.841,58
07.07.2019	08:00:00	6.623,49	6.536,26	11.029,52
07.07.2019	08:15:00	6.741,84	6.595,88	11.248,16
07.07.2019	08:30:00	7.106,19	6.613,91	11.262,78
07.07.2019	08:45:00	7.113,37	5.747,49	10.320,93
07.07.2019	09:00:00	7.379,60	5.945,38	10.505,28
07.07.2019	09:15:00	7.487,03	5.549,09	10.156,45
07.07.2019	09:30:00	7.910,68	5.928,53	10.519,75
07.07.2019	09:45:00	8.468,01	7.640,40	11.956,02
07.07.2019	10:00:00	8.846,14	8.113,44	12.417,76
07.07.2019	10:15:00	9.152,02	7.298,97	11.536,27
07.07.2019	10:30:00	8.961,35	5.663,41	9.882,99
07.07.2019	10:45:00	9.133,94	5.727,18	9.957,14
07.07.2019	11:00:00	9.341,67	5.676,14	9.959,95
07.07.2019	11:15:00	9.363,02	4.871,56	9.198,80
07.07.2019	11:30:00	10.190,69	6.993,81	11.361,72
07.07.2019	11:45:00	10.769,51	8.616,86	12.912,58
07.07.2019	12:00:00	10.601,85	8.278,25	12.643,10
07.07.2019	12:15:00	10.951,69	8.860,38	13.236,57
07.07.2019	12:30:00	10.846,61	9.165,04	13.485,56
07.07.2019	12:45:00	10.671,69	8.222,66	12.558,44
07.07.2019	13:00:00	10.430,98	7.882,30	12.235,41
07.07.2019	13:15:00	10.403,36	6.431,19	10.739,42
07.07.2019	13:30:00	9.665,96	4.632,48	8.890,04
07.07.2019	13:45:00	9.170,47	6.459,19	10.768,90
07.07.2019	14:00:00	9.433,73	4.750,69	9.076,40
07.07.2019	14:15:00	9.591,08	5.766,27	10.069,41
07.07.2019	14:30:00	9.664,24	4.762,27	9.101,09
07.07.2019	14:45:00	8.626,72	5.255,17	9.704,35
07.07.2019	15:00:00	8.642,55	4.596,67	9.228,30
07.07.2019	15:15:00	8.785,89	3.698,70	8.308,68
07.07.2019	15:30:00	8.265,91	4.197,80	8.788,95
07.07.2019	15:45:00	9.003,35	4.212,65	8.763,07
07.07.2019	16:00:00	8.825,01	4.374,26	8.937,84
07.07.2019	16:15:00	10.185,31	5.189,77	9.800,56
07.07.2019	16:30:00	11.020,10	5.255,60	9.803,62
07.07.2019	16:45:00	10.671,13	4.926,94	9.505,42
07.07.2019	17:00:00	10.859,66	5.224,28	9.824,60
07.07.2019	17:15:00	9.856,13	6.062,69	10.736,46
07.07.2019	17:30:00	9.833,38	6.175,16	10.917,50
07.07.2019	17:45:00	10.615,01	6.733,38	11.434,04
07.07.2019	18:00:00	9.754,98	7.169,43	11.899,37
07.07.2019	18:15:00	9.910,09	7.689,44	12.399,77
07.07.2019	18:30:00	9.780,84	8.944,37	13.594,72
07.07.2019	18:45:00	9.939,69	9.485,53	14.131,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.07.2019	19:00:00	9.977,90	9.348,35	13.939,36
07.07.2019	19:15:00	9.829,15	9.235,52	13.861,11
07.07.2019	19:30:00	9.880,87	9.408,95	14.045,88
07.07.2019	19:45:00	9.903,13	9.679,39	14.236,23
07.07.2019	20:00:00	9.895,48	9.817,22	14.386,66
07.07.2019	20:15:00	9.899,33	9.821,18	14.489,78
07.07.2019	20:30:00	9.777,15	9.618,73	14.295,14
07.07.2019	20:45:00	9.599,78	9.505,68	14.117,25
07.07.2019	21:00:00	9.320,09	9.271,58	13.857,57
07.07.2019	21:15:00	9.344,77	9.359,84	13.972,22
07.07.2019	21:30:00	9.463,56	9.553,60	14.114,15
07.07.2019	21:45:00	9.187,87	9.257,26	13.899,59
07.07.2019	22:00:00	9.377,24	9.428,64	14.146,98
07.07.2019	22:15:00	9.297,78	9.358,24	14.282,50
07.07.2019	22:30:00	9.069,42	9.154,94	14.153,59
07.07.2019	22:45:00	8.853,29	8.939,44	13.821,62
07.07.2019	23:00:00	8.617,12	8.701,35	13.556,36
07.07.2019	23:15:00	8.162,00	8.242,99	13.188,94
07.07.2019	23:30:00	7.800,97	7.879,52	12.872,90
07.07.2019	23:45:00	7.341,18	7.403,10	12.307,42
08.07.2019	00:00:00	6.950,61	6.969,22	11.910,14
08.07.2019	00:15:00	6.694,30	6.708,77	11.719,05
08.07.2019	00:30:00	6.463,74	6.479,26	11.473,19
08.07.2019	00:45:00	6.240,43	6.262,36	11.194,37
08.07.2019	01:00:00	6.099,60	6.133,15	10.930,17
08.07.2019	01:15:00	5.937,83	6.017,19	10.773,76
08.07.2019	01:30:00	5.855,18	5.957,77	10.515,73
08.07.2019	01:45:00	5.765,16	5.866,92	10.413,75
08.07.2019	02:00:00	5.670,25	5.771,13	10.240,40
08.07.2019	02:15:00	5.525,10	5.604,39	10.200,58
08.07.2019	02:30:00	5.557,71	5.611,11	10.226,54
08.07.2019	02:45:00	5.486,51	5.539,02	10.157,13
08.07.2019	03:00:00	5.407,22	5.464,90	10.219,11
08.07.2019	03:15:00	5.365,28	5.422,95	10.072,46
08.07.2019	03:30:00	5.399,65	5.458,16	10.137,82
08.07.2019	03:45:00	5.376,61	5.439,01	9.982,86
08.07.2019	04:00:00	5.410,07	5.471,67	9.924,37
08.07.2019	04:15:00	5.531,06	5.591,50	10.088,35
08.07.2019	04:30:00	5.622,33	5.683,45	10.240,46
08.07.2019	04:45:00	5.803,23	5.857,91	10.551,04
08.07.2019	05:00:00	6.046,79	6.098,26	11.098,91
08.07.2019	05:15:00	6.260,14	6.320,05	12.124,63
08.07.2019	05:30:00	5.962,47	6.039,57	12.287,21
08.07.2019	05:45:00	6.296,73	6.404,64	13.506,83
08.07.2019	06:00:00	6.546,26	6.600,39	14.299,45
08.07.2019	06:15:00	6.921,83	6.913,43	15.810,21
08.07.2019	06:30:00	7.357,85	7.257,73	16.885,86
08.07.2019	06:45:00	7.739,79	7.563,58	17.767,64
08.07.2019	07:00:00	8.150,63	7.895,78	18.647,68
08.07.2019	07:15:00	8.530,20	8.212,11	19.547,83
08.07.2019	07:30:00	8.769,83	8.433,77	20.215,19
08.07.2019	07:45:00	9.080,22	8.667,98	20.848,52
08.07.2019	08:00:00	9.424,39	8.856,32	21.064,96
08.07.2019	08:15:00	9.603,65	8.855,69	21.458,29
08.07.2019	08:30:00	9.568,54	8.753,20	21.565,54
08.07.2019	08:45:00	9.710,75	8.733,64	21.421,20
08.07.2019	09:00:00	9.195,39	7.566,10	20.179,05
08.07.2019	09:15:00	9.306,98	7.480,73	19.448,86
08.07.2019	09:30:00	9.341,37	7.412,89	19.515,85
08.07.2019	09:45:00	9.520,83	7.459,99	20.012,34
08.07.2019	10:00:00	9.835,93	8.030,64	21.097,30
08.07.2019	10:15:00	10.069,86	8.376,82	21.489,58
08.07.2019	10:30:00	10.373,81	7.357,02	20.421,44
08.07.2019	10:45:00	10.471,25	8.397,03	21.743,44
08.07.2019	11:00:00	10.531,05	8.719,96	21.955,40
08.07.2019	11:15:00	10.834,08	8.519,00	21.597,42
08.07.2019	11:30:00	11.021,58	8.262,30	21.579,17
08.07.2019	11:45:00	11.163,44	8.284,49	21.508,50
08.07.2019	12:00:00	11.106,04	7.939,56	20.975,72
08.07.2019	12:15:00	11.175,06	7.293,89	19.783,97
08.07.2019	12:30:00	11.091,28	7.276,83	19.474,73

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.07.2019	12:45:00	10.934,81	7.397,28	19.649,54
08.07.2019	13:00:00	11.140,29	7.974,97	20.615,19
08.07.2019	13:15:00	11.095,72	7.898,46	20.712,42
08.07.2019	13:30:00	10.901,11	8.397,46	21.273,54
08.07.2019	13:45:00	10.515,64	8.043,10	20.765,87
08.07.2019	14:00:00	10.198,40	7.425,11	20.078,28
08.07.2019	14:15:00	10.264,80	7.736,17	20.337,32
08.07.2019	14:30:00	10.109,23	7.097,43	19.541,29
08.07.2019	14:45:00	10.170,02	7.348,99	19.621,62
08.07.2019	15:00:00	10.398,23	7.051,45	18.966,20
08.07.2019	15:15:00	10.343,04	7.643,31	19.346,74
08.07.2019	15:30:00	10.332,63	7.879,38	19.220,70
08.07.2019	15:45:00	10.537,72	8.010,61	19.244,76
08.07.2019	16:00:00	10.407,91	7.175,27	18.190,26
08.07.2019	16:15:00	10.248,55	7.170,17	17.595,46
08.07.2019	16:30:00	10.322,23	7.880,08	18.016,30
08.07.2019	16:45:00	9.849,09	7.373,00	17.195,70
08.07.2019	17:00:00	9.745,87	7.914,30	17.684,91
08.07.2019	17:15:00	10.025,13	7.745,19	17.296,18
08.07.2019	17:30:00	10.877,61	8.521,24	18.027,76
08.07.2019	17:45:00	11.149,63	8.473,28	17.787,26
08.07.2019	18:00:00	10.751,02	8.527,04	17.633,40
08.07.2019	18:15:00	10.932,68	8.820,18	17.646,96
08.07.2019	18:30:00	10.598,03	9.025,89	17.627,61
08.07.2019	18:45:00	10.741,23	9.061,85	17.356,24
08.07.2019	19:00:00	10.497,55	9.039,87	17.434,38
08.07.2019	19:15:00	10.515,15	9.626,91	17.998,99
08.07.2019	19:30:00	10.488,40	9.579,50	17.872,88
08.07.2019	19:45:00	10.534,34	9.339,40	17.338,58
08.07.2019	20:00:00	10.473,63	9.154,80	17.431,02
08.07.2019	20:15:00	10.355,48	9.204,11	17.425,14
08.07.2019	20:30:00	10.192,10	9.462,73	17.596,82
08.07.2019	20:45:00	9.972,69	9.457,76	17.408,58
08.07.2019	21:00:00	9.670,20	9.446,58	17.332,33
08.07.2019	21:15:00	9.809,83	9.756,13	17.742,89
08.07.2019	21:30:00	9.877,05	9.881,90	17.748,99
08.07.2019	21:45:00	9.759,65	9.754,14	17.411,56
08.07.2019	22:00:00	9.841,37	9.813,62	17.129,70
08.07.2019	22:15:00	9.825,21	9.874,76	17.007,59
08.07.2019	22:30:00	9.495,60	9.540,29	16.421,77
08.07.2019	22:45:00	9.144,39	9.186,34	15.813,50
08.07.2019	23:00:00	8.725,26	8.761,22	15.348,25
08.07.2019	23:15:00	8.296,35	8.327,37	14.743,01
08.07.2019	23:30:00	7.816,07	7.845,32	14.197,93
08.07.2019	23:45:00	7.372,34	7.402,30	13.552,66
09.07.2019	00:00:00	7.004,61	7.029,51	13.092,44
09.07.2019	00:15:00	6.551,28	6.572,55	12.515,81
09.07.2019	00:30:00	6.229,04	6.248,44	12.133,29
09.07.2019	00:45:00	6.083,37	6.119,58	11.980,72
09.07.2019	01:00:00	5.948,57	6.016,27	11.928,96
09.07.2019	01:15:00	5.770,01	5.868,87	11.730,15
09.07.2019	01:30:00	5.752,25	5.857,56	11.590,98
09.07.2019	01:45:00	5.663,89	5.763,42	11.295,20
09.07.2019	02:00:00	5.565,77	5.627,50	11.177,64
09.07.2019	02:15:00	5.522,73	5.573,95	11.159,42
09.07.2019	02:30:00	5.525,23	5.578,59	11.279,57
09.07.2019	02:45:00	5.458,03	5.509,29	11.167,58
09.07.2019	03:00:00	5.399,19	5.453,05	11.163,18
09.07.2019	03:15:00	5.426,84	5.479,07	11.150,77
09.07.2019	03:30:00	5.294,24	5.344,33	11.050,32
09.07.2019	03:45:00	5.327,65	5.378,92	10.970,99
09.07.2019	04:00:00	5.239,86	5.289,25	10.810,18
09.07.2019	04:15:00	5.426,48	5.487,82	11.124,47
09.07.2019	04:30:00	5.729,54	5.793,48	11.416,94
09.07.2019	04:45:00	5.709,29	5.772,95	11.522,93
09.07.2019	05:00:00	5.925,26	6.007,31	11.654,18
09.07.2019	05:15:00	6.082,95	6.180,15	12.560,96
09.07.2019	05:30:00	6.020,99	6.129,66	12.784,16
09.07.2019	05:45:00	6.409,57	6.528,20	13.626,00
09.07.2019	06:00:00	6.690,97	6.762,38	14.404,90
09.07.2019	06:15:00	7.108,61	7.084,56	15.905,61

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.07.2019	06:30:00	7.417,59	7.313,85	17.206,14
09.07.2019	06:45:00	7.685,72	7.473,67	17.632,16
09.07.2019	07:00:00	7.728,18	7.515,70	18.364,54
09.07.2019	07:15:00	7.881,13	7.638,45	18.966,66
09.07.2019	07:30:00	7.942,91	7.638,35	19.326,51
09.07.2019	07:45:00	7.872,95	7.441,91	19.567,89
09.07.2019	08:00:00	8.146,56	7.544,44	19.701,47
09.07.2019	08:15:00	8.141,55	7.293,67	19.745,13
09.07.2019	08:30:00	8.142,68	7.033,39	19.708,53
09.07.2019	08:45:00	8.336,36	6.967,09	19.627,94
09.07.2019	09:00:00	8.645,09	7.038,72	19.501,62
09.07.2019	09:15:00	8.736,80	6.798,85	18.769,59
09.07.2019	09:30:00	8.795,07	6.468,97	18.365,22
09.07.2019	09:45:00	9.028,21	6.486,13	18.951,75
09.07.2019	10:00:00	9.260,02	6.587,25	19.362,17
09.07.2019	10:15:00	9.349,06	6.494,26	19.219,43
09.07.2019	10:30:00	8.670,18	6.396,27	19.025,83
09.07.2019	10:45:00	10.580,55	6.290,52	18.937,30
09.07.2019	11:00:00	10.242,15	6.646,13	19.464,80
09.07.2019	11:15:00	9.502,53	7.547,57	20.444,26
09.07.2019	11:30:00	10.070,89	7.411,72	20.194,09
09.07.2019	11:45:00	11.008,47	8.408,96	21.314,47
09.07.2019	12:00:00	11.418,70	8.275,19	20.680,94
09.07.2019	12:15:00	11.343,00	7.400,77	19.543,02
09.07.2019	12:30:00	10.771,55	7.792,69	19.691,68
09.07.2019	12:45:00	11.662,98	7.646,46	19.450,10
09.07.2019	13:00:00	11.159,12	7.603,78	19.412,99
09.07.2019	13:15:00	10.557,73	7.324,21	19.486,96
09.07.2019	13:30:00	9.210,51	6.749,46	19.239,59
09.07.2019	13:45:00	10.890,16	6.389,31	18.936,85
09.07.2019	14:00:00	10.256,55	5.962,32	18.618,54
09.07.2019	14:15:00	9.591,50	4.896,32	17.301,97
09.07.2019	14:30:00	9.238,08	5.279,95	17.735,81
09.07.2019	14:45:00	9.016,01	5.947,68	18.236,69
09.07.2019	15:00:00	9.163,64	4.894,43	16.966,93
09.07.2019	15:15:00	9.681,72	5.546,85	17.302,30
09.07.2019	15:30:00	8.705,39	5.657,63	17.067,40
09.07.2019	15:45:00	10.692,68	5.263,42	16.457,60
09.07.2019	16:00:00	10.484,44	5.614,32	16.330,22
09.07.2019	16:15:00	11.253,58	5.719,20	16.125,91
09.07.2019	16:30:00	11.294,14	5.906,74	16.073,64
09.07.2019	16:45:00	10.571,49	5.751,07	15.676,06
09.07.2019	17:00:00	9.964,60	6.146,00	15.962,25
09.07.2019	17:15:00	10.788,46	6.428,06	15.986,58
09.07.2019	17:30:00	11.245,75	6.948,98	16.408,63
09.07.2019	17:45:00	11.595,67	7.441,77	16.722,70
09.07.2019	18:00:00	11.807,74	7.861,91	16.977,32
09.07.2019	18:15:00	11.550,17	8.325,55	17.246,72
09.07.2019	18:30:00	11.546,89	8.509,41	17.140,19
09.07.2019	18:45:00	11.415,10	8.523,94	16.947,40
09.07.2019	19:00:00	11.305,31	8.646,03	16.973,94
09.07.2019	19:15:00	11.232,01	8.959,17	17.208,55
09.07.2019	19:30:00	10.994,31	9.155,98	17.369,38
09.07.2019	19:45:00	10.640,15	9.123,52	17.296,38
09.07.2019	20:00:00	10.458,43	9.460,85	17.657,46
09.07.2019	20:15:00	10.151,60	9.631,31	17.627,50
09.07.2019	20:30:00	10.045,16	9.805,50	17.763,50
09.07.2019	20:45:00	9.887,86	9.741,00	17.583,11
09.07.2019	21:00:00	9.748,71	9.690,79	17.471,29
09.07.2019	21:15:00	9.633,42	9.659,11	17.300,46
09.07.2019	21:30:00	9.750,34	9.811,16	17.268,33
09.07.2019	21:45:00	9.707,23	9.749,70	16.859,94
09.07.2019	22:00:00	9.847,32	9.895,35	16.899,83
09.07.2019	22:15:00	9.774,23	9.821,70	16.541,99
09.07.2019	22:30:00	9.509,33	9.552,14	15.974,03
09.07.2019	22:45:00	9.142,58	9.179,95	15.309,13
09.07.2019	23:00:00	8.599,39	8.631,58	14.621,43
09.07.2019	23:15:00	8.283,23	8.310,66	14.197,14
09.07.2019	23:30:00	7.686,01	7.708,44	13.502,22
09.07.2019	23:45:00	7.347,61	7.365,22	13.119,65
10.07.2019	00:00:00	7.048,67	7.042,39	12.500,75

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.07.2019	00:15:00	6.687,78	6.600,72	12.064,11
10.07.2019	00:30:00	6.336,89	6.243,33	11.684,82
10.07.2019	00:45:00	6.102,29	6.007,36	11.536,37
10.07.2019	01:00:00	5.957,53	5.874,59	11.339,46
10.07.2019	01:15:00	5.738,73	5.683,59	11.093,38
10.07.2019	01:30:00	5.767,60	5.717,85	11.016,08
10.07.2019	01:45:00	5.603,78	5.547,76	10.776,77
10.07.2019	02:00:00	5.638,43	5.587,56	10.856,13
10.07.2019	02:15:00	5.566,56	5.628,65	10.891,40
10.07.2019	02:30:00	5.550,79	5.612,86	10.983,95
10.07.2019	02:45:00	5.510,09	5.561,72	10.899,82
10.07.2019	03:00:00	5.436,82	5.497,86	10.809,02
10.07.2019	03:15:00	5.531,41	5.588,21	10.795,56
10.07.2019	03:30:00	5.385,93	5.426,01	10.668,62
10.07.2019	03:45:00	5.450,24	5.491,17	10.776,94
10.07.2019	04:00:00	5.505,97	5.547,61	11.041,93
10.07.2019	04:15:00	5.592,78	5.622,04	11.252,37
10.07.2019	04:30:00	5.670,59	5.703,31	11.353,03
10.07.2019	04:45:00	5.814,50	5.850,43	11.542,92
10.07.2019	05:00:00	5.939,52	5.980,54	11.924,23
10.07.2019	05:15:00	5.982,38	6.032,64	12.491,82
10.07.2019	05:30:00	5.948,11	6.004,34	12.831,52
10.07.2019	05:45:00	6.205,19	6.260,52	13.396,58
10.07.2019	06:00:00	6.570,94	6.592,56	14.338,27
10.07.2019	06:15:00	6.860,52	6.846,63	15.758,57
10.07.2019	06:30:00	7.159,76	7.111,41	16.637,08
10.07.2019	06:45:00	7.478,03	7.203,24	17.060,05
10.07.2019	07:00:00	7.648,04	7.352,62	17.830,52
10.07.2019	07:15:00	8.019,83	7.637,50	18.614,69
10.07.2019	07:30:00	7.866,75	7.407,84	18.537,45
10.07.2019	07:45:00	7.826,58	7.316,80	18.844,15
10.07.2019	08:00:00	7.923,33	7.298,42	19.102,73
10.07.2019	08:15:00	8.303,60	7.564,62	19.859,49
10.07.2019	08:30:00	8.453,71	7.613,66	20.082,53
10.07.2019	08:45:00	8.384,98	7.193,15	19.868,95
10.07.2019	09:00:00	8.746,47	7.286,85	19.866,94
10.07.2019	09:15:00	8.778,15	6.967,25	19.052,34
10.07.2019	09:30:00	8.836,93	6.511,99	18.432,78
10.07.2019	09:45:00	8.852,13	6.199,80	18.588,77
10.07.2019	10:00:00	9.071,40	6.050,97	18.727,66
10.07.2019	10:15:00	9.485,46	6.164,29	18.601,43
10.07.2019	10:30:00	9.478,56	5.824,48	18.435,75
10.07.2019	10:45:00	9.715,88	5.755,37	18.223,47
10.07.2019	11:00:00	9.774,72	5.352,43	17.981,15
10.07.2019	11:15:00	10.036,94	5.465,49	18.085,76
10.07.2019	11:30:00	10.179,56	5.392,41	17.946,02
10.07.2019	11:45:00	10.637,94	5.515,68	18.078,21
10.07.2019	12:00:00	10.975,86	6.025,79	18.422,32
10.07.2019	12:15:00	11.038,42	5.654,86	17.596,32
10.07.2019	12:30:00	10.926,40	5.375,35	16.844,56
10.07.2019	12:45:00	10.686,63	5.112,47	16.627,17
10.07.2019	13:00:00	10.568,63	4.811,22	16.310,29
10.07.2019	13:15:00	10.290,84	4.619,09	16.141,26
10.07.2019	13:30:00	10.115,94	4.409,14	16.351,59
10.07.2019	13:45:00	10.169,47	4.318,72	16.477,06
10.07.2019	14:00:00	10.019,21	4.109,34	16.125,17
10.07.2019	14:15:00	10.116,98	4.179,78	16.123,52
10.07.2019	14:30:00	10.082,63	4.355,59	16.105,66
10.07.2019	14:45:00	10.130,18	4.373,46	15.918,76
10.07.2019	15:00:00	10.045,28	4.238,66	15.708,49
10.07.2019	15:15:00	10.085,85	4.439,24	15.841,55
10.07.2019	15:30:00	10.043,02	4.707,06	15.732,56
10.07.2019	15:45:00	10.169,55	4.689,03	15.363,98
10.07.2019	16:00:00	10.242,70	4.822,48	15.242,21
10.07.2019	16:15:00	10.419,05	5.121,97	15.231,07
10.07.2019	16:30:00	10.470,37	5.353,03	15.238,88
10.07.2019	16:45:00	10.646,66	5.697,13	15.357,44
10.07.2019	17:00:00	10.707,18	5.898,63	15.470,67
10.07.2019	17:15:00	10.904,63	6.352,35	15.671,84
10.07.2019	17:30:00	10.952,46	6.628,39	15.904,41
10.07.2019	17:45:00	11.208,43	7.128,88	16.084,18

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.07.2019	18:00:00	11.331,17	7.540,76	16.245,51
10.07.2019	18:15:00	11.371,44	7.865,59	16.217,10
10.07.2019	18:30:00	11.376,85	8.230,56	16.327,15
10.07.2019	18:45:00	11.302,19	8.550,17	16.561,62
10.07.2019	19:00:00	11.012,84	8.741,25	16.861,41
10.07.2019	19:15:00	11.086,26	9.115,41	17.488,77
10.07.2019	19:30:00	10.785,61	9.341,61	17.691,59
10.07.2019	19:45:00	10.612,57	9.392,96	17.679,83
10.07.2019	20:00:00	10.446,45	9.364,59	17.623,27
10.07.2019	20:15:00	10.098,72	9.370,79	17.417,56
10.07.2019	20:30:00	9.785,77	9.308,77	17.347,46
10.07.2019	20:45:00	9.648,02	9.409,43	17.311,06
10.07.2019	21:00:00	9.407,72	9.315,36	17.070,29
10.07.2019	21:15:00	9.449,28	9.438,21	17.095,98
10.07.2019	21:30:00	9.634,08	9.663,86	17.214,78
10.07.2019	21:45:00	9.558,15	9.598,26	16.992,69
10.07.2019	22:00:00	9.718,03	9.765,80	16.892,26
10.07.2019	22:15:00	9.670,80	9.707,73	16.577,46
10.07.2019	22:30:00	9.348,55	9.379,04	16.110,63
10.07.2019	22:45:00	8.969,98	8.998,41	15.483,95
10.07.2019	23:00:00	8.692,46	8.718,47	15.031,91
10.07.2019	23:15:00	8.197,57	8.232,32	14.470,14
10.07.2019	23:30:00	7.687,49	7.713,70	13.968,85
10.07.2019	23:45:00	7.293,62	7.345,77	13.407,14
11.07.2019	00:00:00	6.896,22	6.940,23	12.835,78
11.07.2019	00:15:00	6.582,04	6.590,86	12.425,49
11.07.2019	00:30:00	6.325,72	6.338,28	12.012,70
11.07.2019	00:45:00	6.117,95	6.134,00	11.862,73
11.07.2019	01:00:00	6.002,76	6.026,51	11.594,73
11.07.2019	01:15:00	5.822,90	5.890,57	11.448,38
11.07.2019	01:30:00	5.716,98	5.812,62	11.312,61
11.07.2019	01:45:00	5.653,59	5.747,75	11.317,42
11.07.2019	02:00:00	5.602,38	5.696,25	11.231,32
11.07.2019	02:15:00	5.492,20	5.553,98	11.126,72
11.07.2019	02:30:00	5.446,08	5.492,79	11.156,48
11.07.2019	02:45:00	5.416,09	5.406,58	10.934,01
11.07.2019	03:00:00	5.282,77	5.214,06	10.702,03
11.07.2019	03:15:00	5.380,87	5.313,90	10.802,60
11.07.2019	03:30:00	5.255,26	5.193,35	10.584,92
11.07.2019	03:45:00	5.300,73	5.242,67	10.668,53
11.07.2019	04:00:00	5.302,44	5.247,10	10.378,30
11.07.2019	04:15:00	5.376,85	5.321,07	10.444,86
11.07.2019	04:30:00	5.474,63	5.412,51	10.559,66
11.07.2019	04:45:00	5.572,93	5.516,30	10.798,93
11.07.2019	05:00:00	5.803,38	5.839,66	11.271,44
11.07.2019	05:15:00	6.047,53	6.084,86	12.307,51
11.07.2019	05:30:00	6.068,83	6.122,98	12.639,42
11.07.2019	05:45:00	6.181,74	6.258,09	13.041,49
11.07.2019	06:00:00	6.454,43	6.467,31	13.904,10
11.07.2019	06:15:00	6.820,19	6.749,92	15.303,29
11.07.2019	06:30:00	7.329,21	7.216,92	16.459,02
11.07.2019	06:45:00	7.727,12	7.585,59	17.358,63
11.07.2019	07:00:00	7.879,46	7.349,26	17.584,16
11.07.2019	07:15:00	8.275,22	7.752,56	18.485,69
11.07.2019	07:30:00	8.522,67	7.904,76	19.144,26
11.07.2019	07:45:00	8.668,13	7.831,33	19.481,78
11.07.2019	08:00:00	9.018,42	7.988,07	20.171,11
11.07.2019	08:15:00	9.340,27	8.402,26	20.871,30
11.07.2019	08:30:00	9.477,79	8.842,89	21.365,91
11.07.2019	08:45:00	9.782,48	9.165,99	21.760,97
11.07.2019	09:00:00	9.883,67	8.990,08	21.462,84
11.07.2019	09:15:00	10.008,30	8.792,68	20.733,31
11.07.2019	09:30:00	10.242,81	9.081,23	21.070,79
11.07.2019	09:45:00	10.539,47	9.890,77	22.611,86
11.07.2019	10:00:00	10.839,74	10.235,55	22.975,59
11.07.2019	10:15:00	11.004,94	10.199,07	22.849,62
11.07.2019	10:30:00	11.047,18	10.177,54	22.898,38
11.07.2019	10:45:00	11.141,35	10.198,06	22.955,28
11.07.2019	11:00:00	11.158,74	10.060,92	23.043,43
11.07.2019	11:15:00	11.419,46	10.657,08	23.904,27
11.07.2019	11:30:00	11.792,63	10.855,67	24.057,66

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.07.2019	11:45:00	11.896,27	10.562,15	23.715,43
11.07.2019	12:00:00	11.937,70	10.613,43	23.438,39
11.07.2019	12:15:00	11.841,94	10.349,60	22.674,57
11.07.2019	12:30:00	11.801,83	10.129,45	22.059,54
11.07.2019	12:45:00	11.553,20	10.137,83	22.438,08
11.07.2019	13:00:00	11.337,12	10.116,88	22.765,20
11.07.2019	13:15:00	11.352,53	10.116,37	22.947,26
11.07.2019	13:30:00	11.285,28	9.827,49	22.508,07
11.07.2019	13:45:00	10.919,34	9.579,24	22.414,00
11.07.2019	14:00:00	10.805,03	9.574,85	22.319,56
11.07.2019	14:15:00	11.001,46	9.460,80	22.101,40
11.07.2019	14:30:00	10.902,49	9.331,21	22.109,67
11.07.2019	14:45:00	10.792,05	10.016,65	22.511,92
11.07.2019	15:00:00	10.747,67	10.054,24	22.437,70
11.07.2019	15:15:00	10.930,16	10.205,60	22.294,63
11.07.2019	15:30:00	10.876,01	9.903,23	21.781,28
11.07.2019	15:45:00	10.927,58	9.581,82	21.053,96
11.07.2019	16:00:00	10.680,01	9.669,43	20.935,32
11.07.2019	16:15:00	10.939,11	10.191,06	21.052,26
11.07.2019	16:30:00	10.998,00	10.292,75	20.986,90
11.07.2019	16:45:00	11.190,04	10.640,32	21.056,72
11.07.2019	17:00:00	11.225,59	10.715,68	20.992,34
11.07.2019	17:15:00	11.370,39	10.769,85	20.714,96
11.07.2019	17:30:00	11.449,96	10.732,44	20.587,84
11.07.2019	17:45:00	11.506,62	9.528,51	18.907,71
11.07.2019	18:00:00	12.253,08	8.353,71	17.521,53
11.07.2019	18:15:00	11.255,44	9.597,15	18.541,33
11.07.2019	18:30:00	11.085,84	9.867,49	18.521,64
11.07.2019	18:45:00	11.408,96	9.467,54	18.102,64
11.07.2019	19:00:00	11.537,71	8.780,07	17.309,46
11.07.2019	19:15:00	11.465,80	9.041,15	17.588,63
11.07.2019	19:30:00	11.368,94	9.354,08	17.781,98
11.07.2019	19:45:00	11.044,46	9.342,32	17.728,84
11.07.2019	20:00:00	10.902,89	9.736,86	17.972,55
11.07.2019	20:15:00	10.614,51	9.783,10	17.845,79
11.07.2019	20:30:00	10.361,41	9.844,88	17.846,39
11.07.2019	20:45:00	10.115,99	9.837,68	17.738,87
11.07.2019	21:00:00	10.012,16	9.775,38	17.435,16
11.07.2019	21:15:00	9.984,89	9.800,04	17.300,17
11.07.2019	21:30:00	10.233,91	10.069,18	17.440,37
11.07.2019	21:45:00	10.297,22	10.130,39	17.387,78
11.07.2019	22:00:00	10.347,28	10.182,19	17.244,36
11.07.2019	22:15:00	10.091,06	9.928,40	16.677,28
11.07.2019	22:30:00	9.725,44	9.559,34	15.963,24
11.07.2019	22:45:00	9.536,12	9.362,12	15.546,75
11.07.2019	23:00:00	9.026,19	8.848,36	14.886,62
11.07.2019	23:15:00	8.508,59	8.331,00	14.216,58
11.07.2019	23:30:00	8.022,62	7.834,13	13.614,59
11.07.2019	23:45:00	7.677,48	7.496,42	13.283,58
12.07.2019	00:00:00	7.237,32	7.056,26	12.751,77
12.07.2019	00:15:00	6.863,47	6.673,56	12.303,61
12.07.2019	00:30:00	6.639,48	6.459,10	12.062,97
12.07.2019	00:45:00	6.366,41	6.212,79	11.803,52
12.07.2019	01:00:00	6.223,45	6.063,60	11.747,28
12.07.2019	01:15:00	5.997,14	5.838,15	11.446,07
12.07.2019	01:30:00	5.881,75	5.731,69	11.315,72
12.07.2019	01:45:00	5.846,54	5.699,88	11.187,52
12.07.2019	02:00:00	5.690,84	5.539,04	11.090,36
12.07.2019	02:15:00	5.608,87	5.473,04	10.930,36
12.07.2019	02:30:00	5.699,25	5.588,46	11.164,99
12.07.2019	02:45:00	5.600,24	5.487,82	10.983,28
12.07.2019	03:00:00	5.534,49	5.420,16	10.980,15
12.07.2019	03:15:00	5.465,11	5.328,03	11.100,80
12.07.2019	03:30:00	5.418,80	5.255,33	10.916,30
12.07.2019	03:45:00	5.338,66	5.181,38	10.819,97
12.07.2019	04:00:00	5.371,36	5.216,74	10.832,86
12.07.2019	04:15:00	5.537,30	5.383,60	10.978,23
12.07.2019	04:30:00	5.602,08	5.450,21	11.145,33
12.07.2019	04:45:00	5.801,98	5.654,52	11.481,00
12.07.2019	05:00:00	5.877,21	5.767,12	11.996,15
12.07.2019	05:15:00	6.349,25	6.229,21	12.887,21

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.07.2019	05:30:00	6.225,40	6.135,95	13.059,65
12.07.2019	05:45:00	6.217,70	6.112,94	13.501,07
12.07.2019	06:00:00	6.503,09	6.360,46	14.367,45
12.07.2019	06:15:00	7.139,27	6.909,22	16.117,60
12.07.2019	06:30:00	7.569,16	7.262,65	16.942,90
12.07.2019	06:45:00	7.849,63	7.483,67	17.669,41
12.07.2019	07:00:00	8.231,32	7.755,08	18.473,10
12.07.2019	07:15:00	8.654,65	8.046,18	19.231,16
12.07.2019	07:30:00	8.583,22	7.758,93	19.213,32
12.07.2019	07:45:00	8.415,59	7.012,05	18.706,17
12.07.2019	08:00:00	8.802,34	8.013,24	20.128,24
12.07.2019	08:15:00	8.977,79	7.870,59	20.245,91
12.07.2019	08:30:00	9.021,60	7.888,66	20.476,24
12.07.2019	08:45:00	10.079,35	9.995,54	23.168,65
12.07.2019	09:00:00	10.688,09	10.421,89	23.810,61
12.07.2019	09:15:00	10.714,04	10.368,67	23.189,33
12.07.2019	09:30:00	10.843,56	10.705,29	23.424,49
12.07.2019	09:45:00	11.094,85	10.711,78	23.920,93
12.07.2019	10:00:00	11.292,29	10.228,58	23.516,79
12.07.2019	10:15:00	11.331,87	10.466,65	23.599,08
12.07.2019	10:30:00	11.430,02	11.059,39	24.302,78
12.07.2019	10:45:00	11.711,93	11.202,59	24.383,55
12.07.2019	11:00:00	11.565,80	10.981,38	23.960,24
12.07.2019	11:15:00	11.838,10	11.657,64	24.726,64
12.07.2019	11:30:00	12.164,85	12.075,21	25.042,12
12.07.2019	11:45:00	12.566,09	12.275,90	25.329,58
12.07.2019	12:00:00	12.628,89	10.733,89	23.452,32
12.07.2019	12:15:00	12.317,77	9.445,28	21.231,32
12.07.2019	12:30:00	11.811,30	7.051,63	18.391,00
12.07.2019	12:45:00	12.085,19	7.452,44	18.813,90
12.07.2019	13:00:00	11.969,43	7.157,20	18.544,61
12.07.2019	13:15:00	11.131,85	7.407,72	18.483,37
12.07.2019	13:30:00	11.402,84	6.650,96	17.901,68
12.07.2019	13:45:00	10.958,20	9.343,23	20.637,21
12.07.2019	14:00:00	10.870,56	9.952,39	21.382,55
12.07.2019	14:15:00	10.775,41	8.297,52	19.187,07
12.07.2019	14:30:00	10.729,43	9.156,75	19.942,13
12.07.2019	14:45:00	10.840,66	10.344,85	21.135,52
12.07.2019	15:00:00	10.966,24	9.974,96	20.635,09
12.07.2019	15:15:00	10.614,77	9.139,12	19.619,74
12.07.2019	15:30:00	10.620,14	9.074,19	19.308,05
12.07.2019	15:45:00	10.573,77	8.784,35	18.493,22
12.07.2019	16:00:00	10.803,29	6.874,64	16.240,83
12.07.2019	16:15:00	10.002,03	7.529,63	16.609,95
12.07.2019	16:30:00	10.834,25	7.337,45	16.210,47
12.07.2019	16:45:00	10.206,23	7.451,01	16.209,55
12.07.2019	17:00:00	9.610,46	8.375,09	17.231,16
12.07.2019	17:15:00	10.611,48	10.271,91	19.076,12
12.07.2019	17:30:00	11.144,72	10.750,25	19.494,74
12.07.2019	17:45:00	11.222,21	9.644,52	18.088,67
12.07.2019	18:00:00	11.170,59	10.470,00	18.916,00
12.07.2019	18:15:00	11.322,16	9.976,31	18.163,09
12.07.2019	18:30:00	11.385,37	8.995,37	17.183,33
12.07.2019	18:45:00	11.470,66	9.531,95	17.714,70
12.07.2019	19:00:00	10.873,03	9.682,05	17.803,46
12.07.2019	19:15:00	10.672,99	10.115,27	18.116,20
12.07.2019	19:30:00	10.667,17	10.440,50	18.314,64
12.07.2019	19:45:00	10.757,38	10.760,99	18.386,74
12.07.2019	20:00:00	11.028,61	11.098,63	18.789,48
12.07.2019	20:15:00	11.103,34	11.155,01	18.446,79
12.07.2019	20:30:00	10.899,42	10.953,78	17.918,89
12.07.2019	20:45:00	10.796,99	10.888,29	17.739,40
12.07.2019	21:00:00	10.672,99	10.739,20	17.489,58
12.07.2019	21:15:00	10.474,47	10.526,67	17.205,76
12.07.2019	21:30:00	10.453,68	10.512,73	17.041,15
12.07.2019	21:45:00	10.441,55	10.498,16	17.064,46
12.07.2019	22:00:00	10.356,49	10.432,63	16.930,53
12.07.2019	22:15:00	10.235,27	10.327,00	16.766,54
12.07.2019	22:30:00	9.951,31	9.968,76	16.213,96
12.07.2019	22:45:00	9.635,48	9.558,67	15.629,01
12.07.2019	23:00:00	9.317,63	9.242,90	15.142,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.07.2019	23:15:00	8.772,08	8.691,52	14.376,64
12.07.2019	23:30:00	8.386,50	8.301,59	13.993,38
12.07.2019	23:45:00	7.946,19	7.855,14	13.484,06
13.07.2019	00:00:00	7.662,42	7.570,84	13.049,94
13.07.2019	00:15:00	7.278,24	7.197,75	12.569,24
13.07.2019	00:30:00	7.042,96	7.009,49	12.405,24
13.07.2019	00:45:00	6.830,19	6.852,62	12.245,17
13.07.2019	01:00:00	6.554,51	6.578,60	11.981,19
13.07.2019	01:15:00	6.340,38	6.409,35	11.781,18
13.07.2019	01:30:00	6.258,09	6.307,77	11.660,20
13.07.2019	01:45:00	6.191,59	6.217,98	11.522,51
13.07.2019	02:00:00	6.007,88	6.036,53	11.270,78
13.07.2019	02:15:00	5.878,16	5.906,21	11.034,05
13.07.2019	02:30:00	5.841,90	5.873,18	11.066,18
13.07.2019	02:45:00	5.779,09	5.817,17	11.014,34
13.07.2019	03:00:00	5.702,07	5.765,57	10.962,52
13.07.2019	03:15:00	5.623,77	5.687,88	10.568,52
13.07.2019	03:30:00	5.556,03	5.621,03	10.276,96
13.07.2019	03:45:00	5.524,41	5.550,39	10.168,93
13.07.2019	04:00:00	5.493,10	5.507,14	10.058,98
13.07.2019	04:15:00	5.650,83	5.671,57	10.192,59
13.07.2019	04:30:00	5.676,44	5.701,99	10.102,69
13.07.2019	04:45:00	5.817,58	5.845,73	10.259,14
13.07.2019	05:00:00	5.752,38	5.806,51	10.382,64
13.07.2019	05:15:00	5.856,57	5.911,93	10.698,82
13.07.2019	05:30:00	5.910,22	6.005,70	10.916,32
13.07.2019	05:45:00	5.751,91	5.843,04	10.774,72
13.07.2019	06:00:00	5.887,17	5.966,57	10.940,22
13.07.2019	06:15:00	6.052,31	6.064,77	11.166,04
13.07.2019	06:30:00	6.288,41	6.233,92	11.336,31
13.07.2019	06:45:00	6.467,58	6.383,92	11.587,06
13.07.2019	07:00:00	6.696,91	6.594,57	11.807,28
13.07.2019	07:15:00	6.903,96	6.694,39	11.969,27
13.07.2019	07:30:00	7.055,94	6.420,62	11.697,46
13.07.2019	07:45:00	7.468,95	6.937,69	12.365,01
13.07.2019	08:00:00	7.913,77	7.481,49	13.003,83
13.07.2019	08:15:00	8.311,48	7.977,75	13.592,67
13.07.2019	08:30:00	8.767,37	8.444,43	14.094,77
13.07.2019	08:45:00	9.197,02	9.037,64	14.735,20
13.07.2019	09:00:00	9.457,64	9.188,79	14.916,08
13.07.2019	09:15:00	9.802,19	9.291,22	15.091,18
13.07.2019	09:30:00	10.124,77	9.893,61	15.672,38
13.07.2019	09:45:00	10.454,28	10.182,90	16.037,52
13.07.2019	10:00:00	10.566,47	10.335,20	16.273,63
13.07.2019	10:15:00	11.065,59	10.324,81	16.137,67
13.07.2019	10:30:00	11.134,95	9.785,80	15.489,24
13.07.2019	10:45:00	11.014,97	8.993,10	14.886,11
13.07.2019	11:00:00	11.146,85	9.016,89	15.021,30
13.07.2019	11:15:00	11.145,85	9.162,23	15.138,51
13.07.2019	11:30:00	10.925,90	9.703,71	15.712,25
13.07.2019	11:45:00	11.668,35	10.546,11	16.638,39
13.07.2019	12:00:00	11.695,71	9.779,38	15.781,98
13.07.2019	12:15:00	11.874,92	9.929,62	15.996,42
13.07.2019	12:30:00	11.545,85	10.167,86	16.091,50
13.07.2019	12:45:00	10.945,21	9.301,61	15.029,85
13.07.2019	13:00:00	11.230,58	8.005,58	13.648,11
13.07.2019	13:15:00	11.669,56	8.181,51	13.749,37
13.07.2019	13:30:00	11.151,28	6.236,36	11.716,58
13.07.2019	13:45:00	9.960,95	7.373,61	12.924,87
13.07.2019	14:00:00	11.582,40	7.395,80	12.949,95
13.07.2019	14:15:00	9.325,26	6.526,74	11.992,83
13.07.2019	14:30:00	10.552,38	5.792,07	11.212,89
13.07.2019	14:45:00	10.994,38	6.586,12	12.110,66
13.07.2019	15:00:00	10.300,01	7.159,31	12.676,88
13.07.2019	15:15:00	9.755,88	7.162,15	12.673,18
13.07.2019	15:30:00	9.393,53	7.722,69	13.243,23
13.07.2019	15:45:00	9.165,44	7.239,57	12.712,14
13.07.2019	16:00:00	8.826,58	6.065,98	11.504,08
13.07.2019	16:15:00	9.704,76	6.112,38	11.574,60
13.07.2019	16:30:00	8.622,13	7.118,98	12.445,62
13.07.2019	16:45:00	9.435,49	7.486,40	12.937,23

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.07.2019	17:00:00	9.081,80	8.089,19	13.467,72
13.07.2019	17:15:00	9.172,42	7.132,96	12.393,74
13.07.2019	17:30:00	10.694,19	7.161,81	12.399,24
13.07.2019	17:45:00	9.391,33	6.984,03	12.267,21
13.07.2019	18:00:00	10.071,16	8.029,43	13.313,23
13.07.2019	18:15:00	9.870,18	8.355,20	13.610,44
13.07.2019	18:30:00	9.803,57	8.275,49	13.447,50
13.07.2019	18:45:00	9.767,65	8.172,02	13.224,81
13.07.2019	19:00:00	9.694,52	8.763,22	13.689,29
13.07.2019	19:15:00	9.716,29	8.858,58	13.685,47
13.07.2019	19:30:00	9.632,23	8.864,75	13.579,91
13.07.2019	19:45:00	9.572,42	9.148,17	13.892,44
13.07.2019	20:00:00	9.608,09	9.295,67	14.056,98
13.07.2019	20:15:00	9.572,16	9.357,67	14.079,24
13.07.2019	20:30:00	9.420,62	9.194,43	13.713,50
13.07.2019	20:45:00	9.234,31	9.121,86	13.664,12
13.07.2019	21:00:00	9.064,56	9.043,59	13.618,23
13.07.2019	21:15:00	9.107,79	9.160,98	13.592,48
13.07.2019	21:30:00	9.416,68	9.497,41	13.932,22
13.07.2019	21:45:00	9.536,44	9.618,80	14.039,14
13.07.2019	22:00:00	9.547,67	9.588,27	13.998,18
13.07.2019	22:15:00	9.556,01	9.603,26	14.013,12
13.07.2019	22:30:00	9.397,61	9.440,53	13.761,48
13.07.2019	22:45:00	9.231,86	9.271,14	13.581,49
13.07.2019	23:00:00	8.897,93	8.935,27	13.052,82
13.07.2019	23:15:00	8.503,81	8.571,17	12.669,96
13.07.2019	23:30:00	8.252,24	8.324,55	12.446,00
13.07.2019	23:45:00	7.934,99	8.002,15	12.068,18
14.07.2019	00:00:00	7.493,70	7.554,22	11.721,10
14.07.2019	00:15:00	7.188,19	7.238,50	11.320,50
14.07.2019	00:30:00	6.918,52	6.925,83	11.106,05
14.07.2019	00:45:00	6.709,88	6.718,03	10.995,18
14.07.2019	01:00:00	6.456,81	6.472,77	10.772,41
14.07.2019	01:15:00	6.225,84	6.251,86	10.484,87
14.07.2019	01:30:00	6.156,84	6.184,86	10.296,82
14.07.2019	01:45:00	6.034,88	6.063,66	10.183,74
14.07.2019	02:00:00	5.921,07	5.944,26	10.120,02
14.07.2019	02:15:00	5.792,53	5.816,59	9.924,07
14.07.2019	02:30:00	5.649,69	5.667,71	9.839,46
14.07.2019	02:45:00	5.600,04	5.581,85	9.748,54
14.07.2019	03:00:00	5.537,65	5.440,34	9.642,79
14.07.2019	03:15:00	5.439,50	5.348,86	9.512,42
14.07.2019	03:30:00	5.374,80	5.285,18	9.412,06
14.07.2019	03:45:00	5.384,71	5.320,73	9.413,18
14.07.2019	04:00:00	5.340,90	5.279,64	9.304,14
14.07.2019	04:15:00	5.388,25	5.296,60	9.365,71
14.07.2019	04:30:00	5.307,65	5.226,87	9.235,82
14.07.2019	04:45:00	5.345,68	5.329,40	9.312,75
14.07.2019	05:00:00	5.408,26	5.483,29	9.546,33
14.07.2019	05:15:00	5.432,63	5.505,05	9.625,17
14.07.2019	05:30:00	5.217,55	5.247,34	9.309,72
14.07.2019	05:45:00	5.005,73	5.014,70	9.109,76
14.07.2019	06:00:00	5.130,08	5.122,04	9.282,22
14.07.2019	06:15:00	5.286,76	5.255,87	9.393,34
14.07.2019	06:30:00	5.320,65	5.232,81	9.356,81
14.07.2019	06:45:00	5.447,73	5.282,15	9.394,67
14.07.2019	07:00:00	5.573,57	5.298,16	9.339,81
14.07.2019	07:15:00	5.751,08	5.397,52	9.400,50
14.07.2019	07:30:00	5.867,82	5.441,95	9.559,44
14.07.2019	07:45:00	6.175,33	5.640,72	9.798,32
14.07.2019	08:00:00	6.360,58	5.572,63	9.642,75
14.07.2019	08:15:00	6.651,33	5.663,10	9.763,84
14.07.2019	08:30:00	6.759,82	5.635,58	9.814,28
14.07.2019	08:45:00	7.122,77	5.896,42	10.135,78
14.07.2019	09:00:00	7.536,96	6.020,22	10.245,11
14.07.2019	09:15:00	7.635,27	5.746,49	9.742,62
14.07.2019	09:30:00	7.749,42	5.485,31	9.380,84
14.07.2019	09:45:00	7.881,47	5.417,95	9.281,96
14.07.2019	10:00:00	7.910,38	4.673,69	8.588,00
14.07.2019	10:15:00	8.365,69	4.650,13	8.516,94
14.07.2019	10:30:00	8.554,65	4.540,11	8.465,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.07.2019	10:45:00	8.629,13	4.648,53	8.628,04
14.07.2019	11:00:00	9.516,31	4.809,13	8.717,75
14.07.2019	11:15:00	8.683,70	4.832,28	8.785,48
14.07.2019	11:30:00	10.001,74	5.436,71	9.472,82
14.07.2019	11:45:00	10.646,50	5.818,50	9.861,22
14.07.2019	12:00:00	9.423,43	6.184,68	10.308,00
14.07.2019	12:15:00	10.563,98	7.564,56	11.717,68
14.07.2019	12:30:00	8.994,63	7.477,89	11.556,88
14.07.2019	12:45:00	9.733,98	7.416,26	11.485,40
14.07.2019	13:00:00	10.608,95	7.792,41	11.841,54
14.07.2019	13:15:00	10.349,20	8.182,43	12.235,54
14.07.2019	13:30:00	9.908,34	7.822,34	11.771,28
14.07.2019	13:45:00	9.452,10	6.547,08	10.507,44
14.07.2019	14:00:00	10.150,09	4.612,34	8.595,68
14.07.2019	14:15:00	10.204,70	4.961,34	8.947,08
14.07.2019	14:30:00	9.350,60	6.622,50	10.577,16
14.07.2019	14:45:00	8.632,98	5.780,08	9.694,78
14.07.2019	15:00:00	8.690,80	3.193,71	7.260,66
14.07.2019	15:15:00	9.336,90	3.447,61	7.445,25
14.07.2019	15:30:00	9.346,28	3.425,69	7.366,33
14.07.2019	15:45:00	9.317,33	3.219,92	7.220,49
14.07.2019	16:00:00	9.182,22	3.259,98	7.287,39
14.07.2019	16:15:00	9.264,94	3.513,31	7.664,27
14.07.2019	16:30:00	9.387,16	3.735,79	7.992,54
14.07.2019	16:45:00	9.844,60	4.549,95	8.851,08
14.07.2019	17:00:00	9.547,81	4.839,71	9.064,35
14.07.2019	17:15:00	8.920,29	6.161,02	10.422,44
14.07.2019	17:30:00	9.339,29	6.178,67	10.430,67
14.07.2019	17:45:00	8.931,96	6.913,05	11.190,94
14.07.2019	18:00:00	9.614,03	7.673,80	12.097,59
14.07.2019	18:15:00	9.611,64	8.796,70	13.261,45
14.07.2019	18:30:00	9.721,82	9.075,83	13.485,80
14.07.2019	18:45:00	9.774,39	9.197,29	13.600,46
14.07.2019	19:00:00	9.931,29	9.405,89	13.858,00
14.07.2019	19:15:00	9.982,14	9.422,60	13.814,43
14.07.2019	19:30:00	9.826,04	9.219,79	13.539,87
14.07.2019	19:45:00	9.737,45	9.234,13	13.537,34
14.07.2019	20:00:00	9.640,04	9.251,23	13.527,00
14.07.2019	20:15:00	9.557,25	9.294,89	13.624,28
14.07.2019	20:30:00	9.651,88	9.468,40	13.809,20
14.07.2019	20:45:00	9.587,76	9.469,11	13.865,21
14.07.2019	21:00:00	9.462,28	9.390,45	13.892,54
14.07.2019	21:15:00	9.373,36	9.381,08	13.938,76
14.07.2019	21:30:00	9.450,71	9.517,34	14.157,38
14.07.2019	21:45:00	9.423,92	9.503,78	14.125,07
14.07.2019	22:00:00	9.594,56	9.681,09	14.253,48
14.07.2019	22:15:00	9.391,16	9.467,01	14.211,44
14.07.2019	22:30:00	9.088,30	9.116,18	13.932,93
14.07.2019	22:45:00	8.849,59	8.876,27	13.571,94
14.07.2019	23:00:00	8.480,11	8.502,26	13.232,75
14.07.2019	23:15:00	7.997,78	8.026,06	12.708,24
14.07.2019	23:30:00	7.516,75	7.542,57	12.232,26
14.07.2019	23:45:00	7.121,77	7.144,56	11.863,76
15.07.2019	00:00:00	6.775,44	6.830,88	11.531,36
15.07.2019	00:15:00	6.423,60	6.476,92	11.222,73
15.07.2019	00:30:00	6.115,78	6.163,93	10.906,38
15.07.2019	00:45:00	5.891,29	5.890,43	10.610,26
15.07.2019	01:00:00	5.826,99	5.839,86	10.388,13
15.07.2019	01:15:00	5.634,99	5.682,21	10.152,04
15.07.2019	01:30:00	5.560,56	5.603,43	10.070,32
15.07.2019	01:45:00	5.470,77	5.513,14	9.923,88
15.07.2019	02:00:00	5.354,01	5.406,32	9.659,74
15.07.2019	02:15:00	5.351,42	5.410,15	9.754,62
15.07.2019	02:30:00	5.355,79	5.449,66	9.774,04
15.07.2019	02:45:00	5.295,00	5.388,92	9.712,60
15.07.2019	03:00:00	5.282,72	5.375,42	9.873,51
15.07.2019	03:15:00	5.282,73	5.338,65	9.822,54
15.07.2019	03:30:00	5.312,10	5.352,79	9.856,04
15.07.2019	03:45:00	5.273,95	5.314,83	9.740,75
15.07.2019	04:00:00	5.292,66	5.333,63	9.823,23
15.07.2019	04:15:00	5.347,64	5.393,20	9.913,63

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.07.2019	04:30:00	5.501,70	5.554,37	10.062,35
15.07.2019	04:45:00	5.674,55	5.729,77	10.327,78
15.07.2019	05:00:00	5.754,73	5.811,10	10.910,64
15.07.2019	05:15:00	6.077,21	6.169,75	12.123,20
15.07.2019	05:30:00	6.052,67	6.121,90	12.305,82
15.07.2019	05:45:00	6.231,32	6.303,89	12.906,87
15.07.2019	06:00:00	6.393,63	6.463,72	13.933,90
15.07.2019	06:15:00	6.923,11	6.954,12	15.554,80
15.07.2019	06:30:00	7.269,05	7.248,71	16.537,98
15.07.2019	06:45:00	7.477,38	7.261,21	16.884,86
15.07.2019	07:00:00	7.793,53	7.230,34	17.323,75
15.07.2019	07:15:00	8.341,04	7.526,78	17.931,89
15.07.2019	07:30:00	8.566,93	7.925,52	18.776,75
15.07.2019	07:45:00	8.811,29	8.064,07	19.470,76
15.07.2019	08:00:00	9.128,73	8.322,38	19.839,49
15.07.2019	08:15:00	9.482,71	8.792,73	20.776,83
15.07.2019	08:30:00	9.560,64	8.845,08	20.998,73
15.07.2019	08:45:00	9.780,56	9.057,79	21.548,26
15.07.2019	09:00:00	9.891,75	9.216,14	21.921,80
15.07.2019	09:15:00	10.211,42	9.511,80	21.610,08
15.07.2019	09:30:00	10.505,45	9.601,90	21.814,95
15.07.2019	09:45:00	10.637,42	9.279,66	21.847,84
15.07.2019	10:00:00	10.937,88	9.564,35	22.489,74
15.07.2019	10:15:00	10.963,88	9.524,19	22.443,78
15.07.2019	10:30:00	10.587,07	8.416,21	21.218,41
15.07.2019	10:45:00	10.069,10	7.259,73	20.102,76
15.07.2019	11:00:00	10.122,10	7.733,98	20.701,80
15.07.2019	11:15:00	10.400,54	7.007,62	19.747,25
15.07.2019	11:30:00	10.101,40	7.170,76	19.858,92
15.07.2019	11:45:00	11.323,51	7.464,63	20.264,64
15.07.2019	12:00:00	12.645,16	6.925,76	19.709,10
15.07.2019	12:15:00	10.578,17	7.181,09	19.654,11
15.07.2019	12:30:00	10.450,32	7.328,99	19.340,39
15.07.2019	12:45:00	10.286,11	6.913,11	19.027,84
15.07.2019	13:00:00	10.370,88	6.171,78	18.388,94
15.07.2019	13:15:00	9.571,33	5.573,61	17.816,40
15.07.2019	13:30:00	9.633,90	5.441,92	17.933,77
15.07.2019	13:45:00	10.821,34	5.274,77	17.506,35
15.07.2019	14:00:00	10.248,27	5.147,09	16.981,86
15.07.2019	14:15:00	9.326,28	5.367,22	17.101,74
15.07.2019	14:30:00	10.649,92	5.113,62	16.440,24
15.07.2019	14:45:00	9.970,80	5.727,19	16.966,40
15.07.2019	15:00:00	9.159,00	5.872,24	17.290,73
15.07.2019	15:15:00	10.530,78	5.506,32	16.781,32
15.07.2019	15:30:00	9.836,73	6.209,34	17.038,45
15.07.2019	15:45:00	10.935,85	5.503,22	16.390,53
15.07.2019	16:00:00	10.786,70	5.535,55	16.065,40
15.07.2019	16:15:00	11.414,06	6.024,62	16.340,79
15.07.2019	16:30:00	11.422,18	6.278,84	16.051,46
15.07.2019	16:45:00	10.396,19	7.403,70	17.047,50
15.07.2019	17:00:00	11.509,22	7.780,71	17.401,55
15.07.2019	17:15:00	10.904,74	7.662,75	17.051,40
15.07.2019	17:30:00	11.225,17	7.878,53	17.165,94
15.07.2019	17:45:00	11.147,92	7.668,42	16.687,63
15.07.2019	18:00:00	11.797,93	8.156,00	17.175,55
15.07.2019	18:15:00	11.958,95	8.705,04	17.623,17
15.07.2019	18:30:00	11.591,01	8.625,38	17.170,66
15.07.2019	18:45:00	11.440,45	8.668,60	17.142,30
15.07.2019	19:00:00	11.381,95	8.789,55	17.130,63
15.07.2019	19:15:00	11.255,62	9.042,99	17.275,51
15.07.2019	19:30:00	11.077,08	9.219,15	17.408,70
15.07.2019	19:45:00	10.839,58	9.534,12	17.720,14
15.07.2019	20:00:00	10.627,85	9.681,38	17.688,84
15.07.2019	20:15:00	10.334,33	9.757,45	17.638,76
15.07.2019	20:30:00	10.145,12	9.788,70	17.680,44
15.07.2019	20:45:00	9.989,21	9.846,46	17.526,75
15.07.2019	21:00:00	9.781,12	9.756,04	17.312,31
15.07.2019	21:15:00	9.676,24	9.723,43	17.220,69
15.07.2019	21:30:00	9.949,94	10.003,54	17.406,90
15.07.2019	21:45:00	9.926,84	9.965,23	17.208,79
15.07.2019	22:00:00	10.022,82	10.061,49	16.992,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.07.2019	22:15:00	9.889,83	9.934,68	16.563,00
15.07.2019	22:30:00	9.522,83	9.565,24	16.227,10
15.07.2019	22:45:00	9.313,66	9.353,05	15.656,58
15.07.2019	23:00:00	8.878,56	8.912,96	15.131,45
15.07.2019	23:15:00	8.355,89	8.375,30	14.475,26
15.07.2019	23:30:00	7.846,72	7.864,38	13.858,46
15.07.2019	23:45:00	7.338,13	7.354,42	13.293,68
16.07.2019	00:00:00	6.912,86	6.927,19	12.810,24
16.07.2019	00:15:00	6.582,29	6.593,87	12.440,41
16.07.2019	00:30:00	6.219,51	6.247,44	12.243,84
16.07.2019	00:45:00	6.059,55	6.106,31	11.967,01
16.07.2019	01:00:00	5.885,67	5.941,75	11.752,95
16.07.2019	01:15:00	5.721,35	5.805,95	11.533,22
16.07.2019	01:30:00	5.680,72	5.749,01	11.359,04
16.07.2019	01:45:00	5.657,73	5.699,49	11.254,11
16.07.2019	02:00:00	5.632,16	5.672,65	11.199,57
16.07.2019	02:15:00	5.516,57	5.557,70	11.065,78
16.07.2019	02:30:00	5.478,09	5.518,90	10.976,06
16.07.2019	02:45:00	5.493,85	5.535,72	10.911,97
16.07.2019	03:00:00	5.435,88	5.476,05	11.104,82
16.07.2019	03:15:00	5.405,64	5.445,57	11.020,47
16.07.2019	03:30:00	5.432,05	5.441,68	10.964,20
16.07.2019	03:45:00	5.467,86	5.396,93	10.834,41
16.07.2019	04:00:00	5.344,87	5.272,94	10.803,64
16.07.2019	04:15:00	5.450,20	5.398,51	10.929,98
16.07.2019	04:30:00	5.587,09	5.557,24	11.024,56
16.07.2019	04:45:00	5.720,83	5.693,64	11.414,74
16.07.2019	05:00:00	5.966,92	5.927,78	11.807,64
16.07.2019	05:15:00	6.193,37	6.134,73	12.510,22
16.07.2019	05:30:00	6.070,79	6.017,55	12.725,86
16.07.2019	05:45:00	6.362,88	6.324,55	13.414,90
16.07.2019	06:00:00	6.648,69	6.688,86	14.365,54
16.07.2019	06:15:00	6.917,40	6.907,21	16.035,10
16.07.2019	06:30:00	7.243,03	7.185,34	17.147,06
16.07.2019	06:45:00	7.594,94	7.478,81	17.786,01
16.07.2019	07:00:00	7.825,77	7.538,33	18.510,14
16.07.2019	07:15:00	8.009,69	7.588,02	18.419,97
16.07.2019	07:30:00	8.207,12	7.752,43	18.769,98
16.07.2019	07:45:00	8.310,79	7.731,13	19.084,20
16.07.2019	08:00:00	8.408,87	7.720,89	19.221,88
16.07.2019	08:15:00	8.352,03	7.461,84	19.470,16
16.07.2019	08:30:00	8.439,63	7.397,17	19.488,39
16.07.2019	08:45:00	8.326,08	7.361,07	19.619,03
16.07.2019	09:00:00	8.633,66	7.280,62	19.619,38
16.07.2019	09:15:00	8.729,84	7.064,47	18.782,42
16.07.2019	09:30:00	8.900,44	6.730,22	18.541,36
16.07.2019	09:45:00	9.236,27	6.664,49	18.962,20
16.07.2019	10:00:00	9.220,20	6.321,93	18.836,54
16.07.2019	10:15:00	9.255,63	6.019,38	18.585,21
16.07.2019	10:30:00	9.504,38	5.936,13	18.263,17
16.07.2019	10:45:00	9.579,74	5.804,16	18.351,16
16.07.2019	11:00:00	9.675,99	5.564,42	18.356,11
16.07.2019	11:15:00	9.630,26	5.683,86	18.263,41
16.07.2019	11:30:00	10.042,03	5.754,71	18.372,03
16.07.2019	11:45:00	10.867,24	6.037,35	18.704,56
16.07.2019	12:00:00	10.932,80	5.965,97	18.436,10
16.07.2019	12:15:00	10.597,48	5.922,70	17.895,22
16.07.2019	12:30:00	11.151,37	5.967,64	17.636,28
16.07.2019	12:45:00	10.972,82	5.527,85	17.463,28
16.07.2019	13:00:00	10.381,97	5.397,85	17.403,47
16.07.2019	13:15:00	10.193,61	5.609,61	17.778,92
16.07.2019	13:30:00	10.971,24	5.213,45	17.535,54
16.07.2019	13:45:00	9.755,13	5.410,90	17.940,66
16.07.2019	14:00:00	9.669,06	5.533,66	17.910,57
16.07.2019	14:15:00	11.088,06	5.298,67	17.771,25
16.07.2019	14:30:00	9.584,66	5.124,41	17.311,68
16.07.2019	14:45:00	11.059,21	5.321,02	17.466,32
16.07.2019	15:00:00	9.042,69	4.926,95	17.103,11
16.07.2019	15:15:00	10.859,23	5.092,08	17.080,06
16.07.2019	15:30:00	10.858,49	5.309,93	17.003,94
16.07.2019	15:45:00	10.476,71	5.340,97	17.202,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.07.2019	16:00:00	10.757,09	5.613,80	17.027,18
16.07.2019	16:15:00	10.933,47	5.745,87	16.596,27
16.07.2019	16:30:00	10.733,02	6.221,30	16.872,88
16.07.2019	16:45:00	9.870,72	6.308,78	16.739,96
16.07.2019	17:00:00	11.017,98	6.311,38	16.499,02
16.07.2019	17:15:00	11.157,24	6.719,07	16.673,02
16.07.2019	17:30:00	11.291,69	7.075,25	16.849,59
16.07.2019	17:45:00	11.336,58	7.371,63	16.922,64
16.07.2019	18:00:00	11.602,46	7.898,84	17.455,45
16.07.2019	18:15:00	11.524,74	8.156,44	17.478,32
16.07.2019	18:30:00	11.538,82	8.520,19	17.506,31
16.07.2019	18:45:00	11.505,13	8.888,01	17.728,61
16.07.2019	19:00:00	11.393,04	9.073,89	17.855,01
16.07.2019	19:15:00	11.253,15	9.298,85	18.139,70
16.07.2019	19:30:00	10.990,06	9.434,15	18.230,11
16.07.2019	19:45:00	10.583,62	9.479,86	18.121,00
16.07.2019	20:00:00	10.331,19	9.580,92	18.116,26
16.07.2019	20:15:00	10.115,26	9.559,25	18.049,41
16.07.2019	20:30:00	10.044,20	9.713,25	17.963,08
16.07.2019	20:45:00	10.036,08	9.746,81	17.785,78
16.07.2019	21:00:00	10.002,30	9.773,29	17.845,23
16.07.2019	21:15:00	9.914,19	9.778,15	17.715,46
16.07.2019	21:30:00	10.118,85	10.166,35	18.060,44
16.07.2019	21:45:00	10.017,91	10.061,36	17.822,96
16.07.2019	22:00:00	10.098,24	10.134,99	17.495,56
16.07.2019	22:15:00	9.928,11	9.967,84	16.994,08
16.07.2019	22:30:00	9.615,20	9.659,48	16.378,84
16.07.2019	22:45:00	9.189,41	9.263,38	15.693,26
16.07.2019	23:00:00	8.740,41	8.812,82	15.120,99
16.07.2019	23:15:00	8.329,54	8.399,60	14.572,07
16.07.2019	23:30:00	7.857,32	7.896,27	14.056,07
16.07.2019	23:45:00	7.319,29	7.339,75	13.436,29
17.07.2019	00:00:00	6.914,12	6.934,45	12.870,70
17.07.2019	00:15:00	6.541,47	6.594,49	12.550,37
17.07.2019	00:30:00	6.254,19	6.266,05	12.134,25
17.07.2019	00:45:00	5.996,80	6.002,49	11.658,98
17.07.2019	01:00:00	5.846,11	5.863,36	11.393,44
17.07.2019	01:15:00	5.677,05	5.717,56	11.222,02
17.07.2019	01:30:00	5.652,03	5.707,29	11.068,19
17.07.2019	01:45:00	5.608,13	5.664,08	10.983,16
17.07.2019	02:00:00	5.547,20	5.602,47	11.034,75
17.07.2019	02:15:00	5.404,02	5.447,69	10.774,00
17.07.2019	02:30:00	5.377,08	5.418,88	10.660,58
17.07.2019	02:45:00	5.314,35	5.355,90	10.569,37
17.07.2019	03:00:00	5.310,31	5.351,73	10.873,60
17.07.2019	03:15:00	5.226,74	5.266,93	10.759,71
17.07.2019	03:30:00	5.343,28	5.383,08	10.673,13
17.07.2019	03:45:00	5.259,35	5.308,98	10.581,60
17.07.2019	04:00:00	5.342,01	5.394,89	10.601,85
17.07.2019	04:15:00	5.320,95	5.373,68	10.537,32
17.07.2019	04:30:00	5.323,75	5.376,32	10.656,54
17.07.2019	04:45:00	5.638,63	5.720,86	11.118,42
17.07.2019	05:00:00	5.712,84	5.804,54	11.471,14
17.07.2019	05:15:00	6.149,73	6.209,59	12.234,54
17.07.2019	05:30:00	5.851,90	5.912,32	12.272,68
17.07.2019	05:45:00	6.227,35	6.288,44	12.925,17
17.07.2019	06:00:00	6.537,51	6.566,19	13.974,76
17.07.2019	06:15:00	6.919,92	6.920,38	15.784,81
17.07.2019	06:30:00	7.331,41	7.291,32	16.787,26
17.07.2019	06:45:00	7.506,21	7.232,06	17.430,02
17.07.2019	07:00:00	7.746,81	7.397,21	18.202,97
17.07.2019	07:15:00	7.931,80	7.543,60	18.480,51
17.07.2019	07:30:00	7.986,21	7.533,18	18.820,42
17.07.2019	07:45:00	8.154,63	7.560,27	19.234,61
17.07.2019	08:00:00	8.171,97	7.389,45	19.461,15
17.07.2019	08:15:00	8.325,32	7.563,42	19.944,54
17.07.2019	08:30:00	8.410,95	7.440,97	20.195,00
17.07.2019	08:45:00	8.595,19	7.369,35	20.431,04
17.07.2019	09:00:00	8.685,26	7.115,26	20.259,09
17.07.2019	09:15:00	8.945,63	6.996,70	19.473,16
17.07.2019	09:30:00	9.150,46	7.052,07	19.587,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.07.2019	09:45:00	9.047,85	6.465,17	19.661,71
17.07.2019	10:00:00	9.346,05	6.396,65	19.523,87
17.07.2019	10:15:00	9.408,89	6.315,42	19.403,75
17.07.2019	10:30:00	9.523,34	6.010,46	19.120,36
17.07.2019	10:45:00	9.713,19	5.840,89	19.003,22
17.07.2019	11:00:00	9.923,76	5.792,39	19.051,04
17.07.2019	11:15:00	10.002,02	5.998,42	19.445,53
17.07.2019	11:30:00	10.451,30	6.564,81	19.875,73
17.07.2019	11:45:00	10.720,86	6.156,97	19.443,06
17.07.2019	12:00:00	10.950,12	6.058,50	19.264,84
17.07.2019	12:15:00	11.055,58	6.091,93	18.953,69
17.07.2019	12:30:00	11.355,56	5.954,72	18.208,15
17.07.2019	12:45:00	10.759,13	5.730,82	17.915,88
17.07.2019	13:00:00	11.073,83	5.649,11	18.294,85
17.07.2019	13:15:00	11.754,52	6.355,16	19.104,97
17.07.2019	13:30:00	9.991,55	5.861,04	18.800,05
17.07.2019	13:45:00	9.187,23	6.149,01	18.970,15
17.07.2019	14:00:00	9.533,69	5.024,70	17.685,53
17.07.2019	14:15:00	10.764,57	5.588,38	18.050,53
17.07.2019	14:30:00	9.952,55	5.781,28	18.086,07
17.07.2019	14:45:00	10.389,51	4.861,43	17.103,60
17.07.2019	15:00:00	10.753,20	5.214,81	17.279,99
17.07.2019	15:15:00	10.739,55	5.575,54	17.277,93
17.07.2019	15:30:00	10.513,53	5.121,36	16.628,20
17.07.2019	15:45:00	10.633,78	5.477,28	16.957,10
17.07.2019	16:00:00	10.788,25	5.551,36	16.866,92
17.07.2019	16:15:00	11.113,33	6.142,92	17.068,25
17.07.2019	16:30:00	11.306,38	6.717,21	17.395,72
17.07.2019	16:45:00	10.778,50	7.411,51	17.797,14
17.07.2019	17:00:00	12.045,81	7.316,58	17.335,96
17.07.2019	17:15:00	10.630,55	7.924,57	17.637,25
17.07.2019	17:30:00	9.595,61	8.029,31	17.645,78
17.07.2019	17:45:00	11.593,55	7.675,02	16.963,51
17.07.2019	18:00:00	11.528,17	7.932,82	16.959,96
17.07.2019	18:15:00	11.634,06	8.408,58	17.398,98
17.07.2019	18:30:00	11.704,68	8.811,50	17.521,71
17.07.2019	18:45:00	11.536,46	9.013,91	17.495,33
17.07.2019	19:00:00	11.406,74	9.186,59	17.687,14
17.07.2019	19:15:00	11.289,20	9.404,92	17.899,46
17.07.2019	19:30:00	11.143,00	9.588,66	18.020,77
17.07.2019	19:45:00	10.886,57	9.671,85	18.182,68
17.07.2019	20:00:00	10.584,33	9.709,21	18.030,26
17.07.2019	20:15:00	10.152,32	9.744,26	18.023,07
17.07.2019	20:30:00	10.064,10	9.749,99	17.822,04
17.07.2019	20:45:00	9.937,54	9.789,31	17.820,42
17.07.2019	21:00:00	9.697,37	9.630,47	17.529,52
17.07.2019	21:15:00	9.672,21	9.666,02	17.526,46
17.07.2019	21:30:00	9.838,61	9.876,36	17.690,01
17.07.2019	21:45:00	9.835,02	9.870,45	17.635,96
17.07.2019	22:00:00	10.049,20	10.087,18	17.715,44
17.07.2019	22:15:00	9.884,66	9.920,45	17.229,27
17.07.2019	22:30:00	9.493,75	9.534,63	16.518,49
17.07.2019	22:45:00	9.151,19	9.207,66	15.849,00
17.07.2019	23:00:00	8.747,56	8.819,24	15.227,62
17.07.2019	23:15:00	8.320,76	8.362,37	14.637,95
17.07.2019	23:30:00	7.807,69	7.834,59	14.167,40
17.07.2019	23:45:00	7.349,33	7.385,74	13.531,16
18.07.2019	00:00:00	6.889,23	6.945,74	12.939,28
18.07.2019	00:15:00	6.564,57	6.617,73	12.578,84
18.07.2019	00:30:00	6.287,32	6.338,04	12.287,51
18.07.2019	00:45:00	6.094,50	6.143,94	12.093,01
18.07.2019	01:00:00	5.920,74	5.980,27	12.002,63
18.07.2019	01:15:00	5.764,98	5.819,70	11.883,51
18.07.2019	01:30:00	5.668,96	5.712,86	11.576,66
18.07.2019	01:45:00	5.579,84	5.622,78	11.492,87
18.07.2019	02:00:00	5.560,05	5.603,94	11.334,80
18.07.2019	02:15:00	5.490,06	5.533,63	11.188,70
18.07.2019	02:30:00	5.457,95	5.502,03	11.105,55
18.07.2019	02:45:00	5.400,72	5.447,77	11.129,89
18.07.2019	03:00:00	5.414,30	5.469,86	11.189,25
18.07.2019	03:15:00	5.342,23	5.397,31	11.080,61

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.07.2019	03:30:00	5.365,88	5.419,36	11.056,58
18.07.2019	03:45:00	5.315,70	5.379,91	11.041,51
18.07.2019	04:00:00	5.390,14	5.481,09	11.227,54
18.07.2019	04:15:00	5.529,04	5.607,52	11.169,16
18.07.2019	04:30:00	5.488,13	5.537,33	11.184,42
18.07.2019	04:45:00	5.695,46	5.742,53	11.613,92
18.07.2019	05:00:00	5.894,46	5.941,33	12.121,90
18.07.2019	05:15:00	6.349,89	6.402,89	12.934,58
18.07.2019	05:30:00	5.997,38	6.036,47	12.750,37
18.07.2019	05:45:00	6.173,06	6.124,58	13.034,19
18.07.2019	06:00:00	6.510,05	6.420,47	13.973,29
18.07.2019	06:15:00	6.788,56	6.638,96	15.712,04
18.07.2019	06:30:00	7.328,30	7.133,60	16.625,56
18.07.2019	06:45:00	7.507,60	7.255,15	17.428,76
18.07.2019	07:00:00	7.945,29	7.641,90	18.468,88
18.07.2019	07:15:00	8.368,23	7.903,63	18.908,74
18.07.2019	07:30:00	8.601,86	7.955,28	19.213,41
18.07.2019	07:45:00	8.854,86	8.150,12	19.651,49
18.07.2019	08:00:00	9.195,39	8.450,75	20.366,92
18.07.2019	08:15:00	9.370,62	8.659,73	20.867,36
18.07.2019	08:30:00	9.520,84	8.694,80	21.029,55
18.07.2019	08:45:00	9.327,99	8.212,87	20.700,56
18.07.2019	09:00:00	9.155,93	7.562,55	19.839,09
18.07.2019	09:15:00	9.525,05	7.925,01	19.593,69
18.07.2019	09:30:00	9.423,01	7.526,32	19.209,32
18.07.2019	09:45:00	9.417,43	7.050,73	19.198,22
18.07.2019	10:00:00	9.480,14	6.763,44	19.350,15
18.07.2019	10:15:00	9.644,53	6.606,85	19.203,06
18.07.2019	10:30:00	9.775,99	6.656,57	19.305,92
18.07.2019	10:45:00	9.777,85	6.372,58	19.185,41
18.07.2019	11:00:00	9.987,49	5.936,72	18.816,62
18.07.2019	11:15:00	10.018,10	5.724,06	18.775,71
18.07.2019	11:30:00	10.408,57	6.009,32	18.862,87
18.07.2019	11:45:00	10.765,17	6.115,79	19.033,04
18.07.2019	12:00:00	10.852,58	6.247,17	19.035,42
18.07.2019	12:15:00	11.185,31	6.200,95	18.527,89
18.07.2019	12:30:00	11.581,99	6.398,74	18.515,13
18.07.2019	12:45:00	11.675,64	6.478,01	18.706,76
18.07.2019	13:00:00	11.644,11	6.278,13	18.899,52
18.07.2019	13:15:00	11.282,69	6.056,76	18.990,75
18.07.2019	13:30:00	9.889,47	6.509,18	19.700,30
18.07.2019	13:45:00	11.477,51	6.003,69	19.237,78
18.07.2019	14:00:00	11.166,94	5.712,16	18.627,10
18.07.2019	14:15:00	10.584,20	6.089,21	18.920,10
18.07.2019	14:30:00	10.838,84	5.232,80	17.854,54
18.07.2019	14:45:00	11.162,57	5.913,77	18.485,92
18.07.2019	15:00:00	11.071,87	6.495,94	19.056,61
18.07.2019	15:15:00	11.323,40	5.852,65	18.085,64
18.07.2019	15:30:00	11.556,99	6.065,04	18.055,72
18.07.2019	15:45:00	10.519,53	5.796,53	17.645,96
18.07.2019	16:00:00	10.886,16	5.722,79	17.329,45
18.07.2019	16:15:00	10.858,03	5.725,68	16.795,23
18.07.2019	16:30:00	11.022,53	6.048,88	16.735,62
18.07.2019	16:45:00	11.031,59	6.788,43	17.366,78
18.07.2019	17:00:00	11.298,73	7.106,92	17.404,00
18.07.2019	17:15:00	10.949,89	7.232,51	17.329,84
18.07.2019	17:30:00	11.332,65	7.693,51	17.735,25
18.07.2019	17:45:00	11.432,46	7.680,31	17.597,10
18.07.2019	18:00:00	11.328,81	8.691,02	18.497,54
18.07.2019	18:15:00	11.030,01	9.029,07	18.783,33
18.07.2019	18:30:00	10.995,71	8.984,71	18.377,90
18.07.2019	18:45:00	10.708,56	9.236,45	18.486,15
18.07.2019	19:00:00	10.538,26	9.025,69	18.180,50
18.07.2019	19:15:00	10.529,98	9.227,36	18.443,95
18.07.2019	19:30:00	10.295,93	9.367,73	18.572,47
18.07.2019	19:45:00	10.243,69	9.571,58	18.782,95
18.07.2019	20:00:00	10.050,21	9.506,03	18.527,96
18.07.2019	20:15:00	9.969,33	9.531,09	18.206,00
18.07.2019	20:30:00	9.843,89	9.505,77	17.933,48
18.07.2019	20:45:00	9.807,57	9.551,03	17.808,37
18.07.2019	21:00:00	9.696,97	9.519,06	17.697,16

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.07.2019	21:15:00	9.731,38	9.601,19	17.715,54
18.07.2019	21:30:00	9.999,90	9.874,19	17.944,42
18.07.2019	21:45:00	10.176,60	10.052,66	17.954,31
18.07.2019	22:00:00	9.975,17	9.825,89	17.539,38
18.07.2019	22:15:00	9.675,61	9.499,15	16.788,89
18.07.2019	22:30:00	9.472,72	9.295,28	16.060,22
18.07.2019	22:45:00	9.127,04	8.944,34	15.351,28
18.07.2019	23:00:00	8.803,60	8.617,25	14.839,82
18.07.2019	23:15:00	8.221,92	8.030,86	14.040,30
18.07.2019	23:30:00	7.876,45	7.680,04	13.704,78
18.07.2019	23:45:00	7.502,07	7.304,52	13.268,34
19.07.2019	00:00:00	7.015,69	6.775,74	12.544,86
19.07.2019	00:15:00	6.707,33	6.403,88	12.093,75
19.07.2019	00:30:00	6.431,16	6.157,82	11.825,08
19.07.2019	00:45:00	6.237,46	5.967,03	11.648,25
19.07.2019	01:00:00	6.082,68	5.812,24	11.473,55
19.07.2019	01:15:00	5.962,08	5.675,97	11.392,45
19.07.2019	01:30:00	5.834,62	5.563,78	11.377,20
19.07.2019	01:45:00	5.750,24	5.482,54	11.289,29
19.07.2019	02:00:00	5.665,01	5.517,73	11.299,45
19.07.2019	02:15:00	5.601,63	5.483,05	11.113,43
19.07.2019	02:30:00	5.499,53	5.380,13	10.913,11
19.07.2019	02:45:00	5.409,98	5.272,06	10.717,53
19.07.2019	03:00:00	5.380,99	5.212,88	10.657,70
19.07.2019	03:15:00	5.330,97	5.164,96	11.048,07
19.07.2019	03:30:00	5.338,76	5.181,92	10.971,12
19.07.2019	03:45:00	5.296,56	5.156,34	10.982,66
19.07.2019	04:00:00	5.364,84	5.244,47	11.082,75
19.07.2019	04:15:00	5.439,27	5.321,24	11.073,76
19.07.2019	04:30:00	5.614,89	5.458,32	11.133,68
19.07.2019	04:45:00	5.739,27	5.579,79	11.439,17
19.07.2019	05:00:00	5.832,90	5.680,98	11.771,30
19.07.2019	05:15:00	6.225,20	6.068,34	12.413,82
19.07.2019	05:30:00	6.326,18	6.191,09	12.896,67
19.07.2019	05:45:00	6.311,68	6.211,60	13.337,27
19.07.2019	06:00:00	6.440,01	6.337,61	14.173,94
19.07.2019	06:15:00	6.957,59	6.836,79	16.317,40
19.07.2019	06:30:00	7.356,88	7.193,33	17.318,40
19.07.2019	06:45:00	7.706,28	7.428,78	17.923,64
19.07.2019	07:00:00	8.016,93	7.570,45	18.864,20
19.07.2019	07:15:00	8.480,99	7.996,18	19.586,94
19.07.2019	07:30:00	8.750,46	8.142,37	19.762,46
19.07.2019	07:45:00	9.052,90	8.418,53	20.556,95
19.07.2019	08:00:00	9.340,18	8.512,85	20.653,34
19.07.2019	08:15:00	9.447,59	8.374,67	20.840,38
19.07.2019	08:30:00	9.425,77	8.033,17	20.696,66
19.07.2019	08:45:00	9.766,71	8.518,39	21.238,00
19.07.2019	09:00:00	9.970,18	8.762,25	21.494,67
19.07.2019	09:15:00	10.379,66	9.069,71	21.391,85
19.07.2019	09:30:00	9.877,47	7.865,48	20.098,14
19.07.2019	09:45:00	10.023,83	7.783,64	20.582,89
19.07.2019	10:00:00	10.071,42	7.871,38	20.900,24
19.07.2019	10:15:00	10.025,30	7.302,70	20.237,60
19.07.2019	10:30:00	10.462,91	7.340,09	20.425,97
19.07.2019	10:45:00	10.614,45	6.703,24	19.899,88
19.07.2019	11:00:00	11.065,87	6.931,83	20.405,69
19.07.2019	11:15:00	10.740,96	8.016,55	21.463,89
19.07.2019	11:30:00	10.730,60	7.067,59	20.476,91
19.07.2019	11:45:00	11.057,79	8.197,38	21.284,93
19.07.2019	12:00:00	11.516,02	6.529,52	19.058,91
19.07.2019	12:15:00	11.682,26	6.883,01	19.224,93
19.07.2019	12:30:00	10.621,85	7.610,44	19.432,44
19.07.2019	12:45:00	11.256,34	9.122,99	20.917,12
19.07.2019	13:00:00	11.489,84	10.205,86	22.244,29
19.07.2019	13:15:00	11.024,17	9.269,21	21.111,98
19.07.2019	13:30:00	10.659,96	7.929,59	19.815,55
19.07.2019	13:45:00	10.909,98	5.216,19	16.697,68
19.07.2019	14:00:00	10.851,05	7.383,29	18.769,75
19.07.2019	14:15:00	11.281,11	6.290,34	17.594,18
19.07.2019	14:30:00	10.147,40	6.764,79	17.846,48
19.07.2019	14:45:00	10.216,38	6.080,23	16.862,38

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.07.2019	15:00:00	10.292,33	6.291,75	16.806,87
19.07.2019	15:15:00	10.769,37	6.357,45	16.799,86
19.07.2019	15:30:00	10.560,08	7.979,69	18.414,55
19.07.2019	15:45:00	10.812,33	8.255,46	18.505,62
19.07.2019	16:00:00	10.504,13	7.915,84	18.077,55
19.07.2019	16:15:00	10.759,21	7.861,68	17.577,00
19.07.2019	16:30:00	10.403,58	7.751,99	17.080,80
19.07.2019	16:45:00	10.556,73	7.122,24	16.383,38
19.07.2019	17:00:00	10.211,47	7.532,32	16.646,80
19.07.2019	17:15:00	10.492,02	7.831,56	16.601,72
19.07.2019	17:30:00	10.483,56	7.966,69	16.741,20
19.07.2019	17:45:00	11.239,24	7.501,20	16.486,05
19.07.2019	18:00:00	11.299,45	8.197,66	17.044,65
19.07.2019	18:15:00	11.078,26	8.586,21	17.238,79
19.07.2019	18:30:00	10.745,43	8.970,11	17.397,69
19.07.2019	18:45:00	10.601,50	8.947,96	17.300,78
19.07.2019	19:00:00	10.548,66	8.957,46	17.246,91
19.07.2019	19:15:00	10.504,23	9.130,03	17.384,53
19.07.2019	19:30:00	10.674,95	9.030,41	17.073,83
19.07.2019	19:45:00	10.389,42	9.163,94	17.147,74
19.07.2019	20:00:00	10.070,79	9.397,73	17.088,98
19.07.2019	20:15:00	9.873,91	9.416,84	16.778,37
19.07.2019	20:30:00	9.629,19	9.388,42	16.701,38
19.07.2019	20:45:00	9.711,01	9.610,02	16.570,82
19.07.2019	21:00:00	9.466,50	9.413,61	16.213,96
19.07.2019	21:15:00	9.531,14	9.553,58	16.403,48
19.07.2019	21:30:00	9.758,40	9.836,30	16.659,58
19.07.2019	21:45:00	9.952,47	9.984,66	16.669,54
19.07.2019	22:00:00	9.976,38	10.011,19	16.765,93
19.07.2019	22:15:00	9.855,76	9.889,67	16.446,58
19.07.2019	22:30:00	9.658,17	9.693,90	15.989,47
19.07.2019	22:45:00	9.392,96	9.433,27	15.496,06
19.07.2019	23:00:00	9.101,03	9.175,39	14.839,00
19.07.2019	23:15:00	8.745,41	8.815,59	14.423,22
19.07.2019	23:30:00	8.323,03	8.359,39	13.829,68
19.07.2019	23:45:00	7.981,37	8.005,81	13.454,45
20.07.2019	00:00:00	7.605,43	7.640,45	13.058,59
20.07.2019	00:15:00	7.242,17	7.297,44	12.713,34
20.07.2019	00:30:00	7.031,46	7.037,53	12.334,02
20.07.2019	00:45:00	6.703,49	6.706,66	12.137,30
20.07.2019	01:00:00	6.444,71	6.465,73	11.936,24
20.07.2019	01:15:00	6.260,36	6.313,16	11.688,75
20.07.2019	01:30:00	6.059,70	6.117,21	11.523,25
20.07.2019	01:45:00	5.961,47	6.016,35	11.455,65
20.07.2019	02:00:00	5.815,38	5.893,23	11.115,49
20.07.2019	02:15:00	5.728,35	5.817,33	10.991,95
20.07.2019	02:30:00	5.671,37	5.732,43	10.987,91
20.07.2019	02:45:00	5.557,33	5.598,10	10.816,22
20.07.2019	03:00:00	5.479,98	5.516,82	10.547,98
20.07.2019	03:15:00	5.429,29	5.466,76	10.549,42
20.07.2019	03:30:00	5.370,15	5.407,06	10.170,48
20.07.2019	03:45:00	5.411,88	5.461,87	10.162,85
20.07.2019	04:00:00	5.386,31	5.437,41	10.140,20
20.07.2019	04:15:00	5.528,25	5.612,00	10.222,53
20.07.2019	04:30:00	5.570,77	5.658,07	10.112,98
20.07.2019	04:45:00	5.557,39	5.611,41	10.135,23
20.07.2019	05:00:00	5.587,84	5.632,51	10.152,28
20.07.2019	05:15:00	5.804,03	5.838,39	10.563,29
20.07.2019	05:30:00	5.617,36	5.664,13	10.463,21
20.07.2019	05:45:00	5.568,60	5.625,97	10.443,56
20.07.2019	06:00:00	5.676,36	5.766,00	10.731,46
20.07.2019	06:15:00	5.911,78	5.961,73	11.218,08
20.07.2019	06:30:00	6.086,15	6.077,03	11.410,46
20.07.2019	06:45:00	6.263,89	5.994,35	11.328,48
20.07.2019	07:00:00	6.450,33	6.078,02	11.441,02
20.07.2019	07:15:00	6.629,83	6.189,74	11.656,78
20.07.2019	07:30:00	6.750,87	6.238,12	11.667,29
20.07.2019	07:45:00	6.804,88	6.226,93	11.677,42
20.07.2019	08:00:00	7.087,89	6.489,42	11.989,40
20.07.2019	08:15:00	7.411,79	6.840,38	12.533,14
20.07.2019	08:30:00	7.534,61	6.741,08	12.584,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.07.2019	08:45:00	7.817,12	6.828,18	12.922,35
20.07.2019	09:00:00	7.996,35	6.494,23	12.638,72
20.07.2019	09:15:00	8.509,68	6.891,37	13.108,40
20.07.2019	09:30:00	8.791,27	6.760,60	13.117,20
20.07.2019	09:45:00	9.113,67	6.850,39	13.191,62
20.07.2019	10:00:00	9.363,71	6.706,67	12.940,25
20.07.2019	10:15:00	9.664,15	6.661,12	12.831,06
20.07.2019	10:30:00	9.638,94	6.242,62	12.427,10
20.07.2019	10:45:00	9.888,11	6.314,48	12.628,35
20.07.2019	11:00:00	10.074,04	6.082,85	12.375,07
20.07.2019	11:15:00	10.437,83	6.271,04	12.535,21
20.07.2019	11:30:00	10.644,76	6.730,66	13.099,31
20.07.2019	11:45:00	10.882,58	6.518,37	12.741,68
20.07.2019	12:00:00	10.879,62	6.299,23	12.408,58
20.07.2019	12:15:00	10.935,72	6.147,31	12.234,81
20.07.2019	12:30:00	11.350,27	8.568,65	14.786,18
20.07.2019	12:45:00	11.391,62	8.208,33	14.232,69
20.07.2019	13:00:00	10.816,31	5.649,10	11.735,77
20.07.2019	13:15:00	10.567,72	5.165,68	11.285,53
20.07.2019	13:30:00	10.679,19	5.321,96	11.390,36
20.07.2019	13:45:00	10.884,79	6.201,37	12.204,88
20.07.2019	14:00:00	10.819,26	6.457,98	12.431,92
20.07.2019	14:15:00	10.331,42	6.318,79	12.157,32
20.07.2019	14:30:00	10.080,70	4.737,49	10.642,88
20.07.2019	14:45:00	10.460,12	5.947,33	11.745,13
20.07.2019	15:00:00	10.142,24	4.345,98	10.037,94
20.07.2019	15:15:00	10.056,82	4.359,31	10.136,77
20.07.2019	15:30:00	10.026,68	4.359,02	10.119,01
20.07.2019	15:45:00	10.062,14	4.888,60	10.654,64
20.07.2019	16:00:00	10.067,89	5.188,27	10.986,35
20.07.2019	16:15:00	10.063,52	5.133,97	10.882,86
20.07.2019	16:30:00	10.116,94	5.508,63	11.171,81
20.07.2019	16:45:00	10.197,40	5.324,20	11.128,85
20.07.2019	17:00:00	10.268,99	5.516,17	11.219,10
20.07.2019	17:15:00	10.436,37	6.246,12	11.832,08
20.07.2019	17:30:00	9.809,97	7.273,35	12.929,70
20.07.2019	17:45:00	10.106,29	7.130,43	12.663,64
20.07.2019	18:00:00	10.207,30	7.121,37	12.328,42
20.07.2019	18:15:00	10.223,75	7.718,18	12.957,79
20.07.2019	18:30:00	9.777,41	8.200,61	13.506,47
20.07.2019	18:45:00	9.822,17	8.339,00	13.589,50
20.07.2019	19:00:00	9.955,26	8.310,75	13.638,16
20.07.2019	19:15:00	9.750,75	8.669,40	13.959,12
20.07.2019	19:30:00	9.572,94	8.669,11	13.904,67
20.07.2019	19:45:00	9.706,46	8.938,03	14.145,53
20.07.2019	20:00:00	9.498,13	9.023,63	14.177,00
20.07.2019	20:15:00	9.331,79	8.982,02	13.931,62
20.07.2019	20:30:00	9.207,70	8.946,39	13.942,88
20.07.2019	20:45:00	9.155,79	9.014,01	13.886,24
20.07.2019	21:00:00	9.070,25	8.971,97	13.771,65
20.07.2019	21:15:00	9.183,95	9.092,90	13.679,14
20.07.2019	21:30:00	9.296,74	9.221,41	13.810,85
20.07.2019	21:45:00	9.514,59	9.460,27	14.011,76
20.07.2019	22:00:00	9.358,64	9.317,53	13.898,48
20.07.2019	22:15:00	9.327,26	9.263,81	13.768,87
20.07.2019	22:30:00	9.240,73	9.158,40	13.818,75
20.07.2019	22:45:00	9.017,24	8.948,71	13.535,68
20.07.2019	23:00:00	8.885,18	8.842,11	13.305,90
20.07.2019	23:15:00	8.403,73	8.352,13	12.758,82
20.07.2019	23:30:00	8.088,87	8.038,00	12.433,19
20.07.2019	23:45:00	7.816,54	7.759,74	12.063,34
21.07.2019	00:00:00	7.410,11	7.341,80	11.567,52
21.07.2019	00:15:00	7.145,37	7.031,22	11.270,72
21.07.2019	00:30:00	6.912,31	6.798,21	11.057,61
21.07.2019	00:45:00	6.728,08	6.625,96	10.834,36
21.07.2019	01:00:00	6.513,35	6.435,44	10.721,43
21.07.2019	01:15:00	6.319,08	6.258,57	10.422,10
21.07.2019	01:30:00	6.146,04	6.086,13	10.144,59
21.07.2019	01:45:00	6.001,00	5.941,18	10.049,92
21.07.2019	02:00:00	5.886,20	5.824,55	9.877,10
21.07.2019	02:15:00	5.733,27	5.621,43	9.711,81

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.07.2019	02:30:00	5.716,60	5.614,73	9.679,09
21.07.2019	02:45:00	5.588,99	5.502,43	9.656,11
21.07.2019	03:00:00	5.543,83	5.478,64	9.548,30
21.07.2019	03:15:00	5.477,63	5.413,36	9.515,63
21.07.2019	03:30:00	5.467,81	5.401,29	9.516,35
21.07.2019	03:45:00	5.418,64	5.341,45	9.525,58
21.07.2019	04:00:00	5.354,16	5.256,64	9.407,31
21.07.2019	04:15:00	5.455,75	5.358,07	9.471,69
21.07.2019	04:30:00	5.469,72	5.373,07	9.545,58
21.07.2019	04:45:00	5.486,63	5.407,32	9.718,70
21.07.2019	05:00:00	5.487,80	5.417,51	9.618,94
21.07.2019	05:15:00	5.556,12	5.488,33	9.739,36
21.07.2019	05:30:00	5.515,35	5.452,74	9.720,84
21.07.2019	05:45:00	5.524,28	5.448,62	9.733,16
21.07.2019	06:00:00	5.286,88	5.186,56	9.364,38
21.07.2019	06:15:00	5.377,70	5.254,80	9.526,36
21.07.2019	06:30:00	5.324,08	5.168,56	9.541,32
21.07.2019	06:45:00	5.392,46	5.180,11	9.433,96
21.07.2019	07:00:00	5.648,35	5.362,48	9.615,19
21.07.2019	07:15:00	5.866,40	5.472,25	9.677,25
21.07.2019	07:30:00	5.971,80	5.424,98	9.561,84
21.07.2019	07:45:00	6.229,72	5.545,72	9.809,48
21.07.2019	08:00:00	6.207,07	5.589,26	9.848,90
21.07.2019	08:15:00	5.962,71	4.928,21	9.061,53
21.07.2019	08:30:00	6.961,96	6.065,92	10.392,07
21.07.2019	08:45:00	6.927,83	5.734,86	9.858,83
21.07.2019	09:00:00	7.333,99	6.098,48	10.077,60
21.07.2019	09:15:00	7.635,59	6.194,30	10.186,94
21.07.2019	09:30:00	8.132,07	6.756,25	10.845,90
21.07.2019	09:45:00	8.288,50	7.037,32	11.095,77
21.07.2019	10:00:00	7.921,14	6.285,48	10.268,18
21.07.2019	10:15:00	8.303,65	5.862,05	9.935,18
21.07.2019	10:30:00	8.937,90	6.652,52	10.689,32
21.07.2019	10:45:00	8.747,56	6.519,05	10.605,13
21.07.2019	11:00:00	8.690,17	5.784,88	9.898,36
21.07.2019	11:15:00	9.392,42	4.936,34	8.934,12
21.07.2019	11:30:00	9.481,18	7.019,48	11.151,28
21.07.2019	11:45:00	10.358,45	5.439,09	9.397,61
21.07.2019	12:00:00	9.925,75	4.508,14	8.515,89
21.07.2019	12:15:00	9.803,57	4.679,33	8.784,65
21.07.2019	12:30:00	9.726,65	4.676,19	8.768,30
21.07.2019	12:45:00	10.456,98	4.873,75	8.978,69
21.07.2019	13:00:00	9.726,69	4.005,23	8.180,00
21.07.2019	13:15:00	10.296,39	4.252,79	8.378,73
21.07.2019	13:30:00	9.769,59	4.204,39	8.289,05
21.07.2019	13:45:00	9.887,39	4.287,07	8.653,68
21.07.2019	14:00:00	9.504,43	3.775,44	8.205,75
21.07.2019	14:15:00	10.437,76	4.699,64	9.084,13
21.07.2019	14:30:00	9.138,10	5.502,08	9.859,88
21.07.2019	14:45:00	8.832,60	4.426,37	8.804,30
21.07.2019	15:00:00	8.715,95	6.671,53	11.108,20
21.07.2019	15:15:00	9.441,35	6.200,52	10.671,98
21.07.2019	15:30:00	8.712,38	3.338,78	7.677,90
21.07.2019	15:45:00	8.947,91	3.734,80	8.161,20
21.07.2019	16:00:00	9.184,99	3.759,24	8.226,60
21.07.2019	16:15:00	9.205,89	3.771,90	8.256,16
21.07.2019	16:30:00	9.441,09	4.278,17	8.697,70
21.07.2019	16:45:00	9.017,78	4.575,06	9.089,24
21.07.2019	17:00:00	8.994,16	5.151,13	9.643,30
21.07.2019	17:15:00	9.574,26	5.657,11	10.052,99
21.07.2019	17:30:00	8.812,90	6.701,95	11.173,09
21.07.2019	17:45:00	9.290,48	7.311,76	11.787,32
21.07.2019	18:00:00	9.135,26	7.421,47	11.872,51
21.07.2019	18:15:00	9.649,54	7.172,32	11.638,94
21.07.2019	18:30:00	9.776,77	7.467,39	11.978,71
21.07.2019	18:45:00	9.940,10	7.814,60	12.419,68
21.07.2019	19:00:00	10.332,17	7.984,45	12.516,66
21.07.2019	19:15:00	10.228,17	8.483,64	12.976,52
21.07.2019	19:30:00	10.003,40	8.481,46	12.952,48
21.07.2019	19:45:00	9.984,18	8.647,09	13.091,11
21.07.2019	20:00:00	9.662,04	8.986,99	13.445,77

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.07.2019	20:15:00	9.560,02	9.130,02	13.635,22
21.07.2019	20:30:00	9.451,27	9.152,89	13.711,27
21.07.2019	20:45:00	9.477,80	9.211,74	13.633,21
21.07.2019	21:00:00	9.336,74	9.174,22	13.607,23
21.07.2019	21:15:00	9.378,67	9.285,43	13.875,68
21.07.2019	21:30:00	9.504,53	9.416,59	14.076,42
21.07.2019	21:45:00	9.773,95	9.697,34	14.376,68
21.07.2019	22:00:00	9.747,62	9.700,63	14.428,21
21.07.2019	22:15:00	9.591,06	9.551,32	14.365,93
21.07.2019	22:30:00	9.323,01	9.277,07	14.201,01
21.07.2019	22:45:00	8.966,92	8.918,98	13.762,40
21.07.2019	23:00:00	8.595,52	8.542,02	13.310,38
21.07.2019	23:15:00	8.133,56	8.027,97	12.613,92
21.07.2019	23:30:00	7.710,40	7.610,91	12.289,72
21.07.2019	23:45:00	7.290,81	7.188,40	11.869,55
22.07.2019	00:00:00	6.924,76	6.820,05	11.195,38
22.07.2019	00:15:00	6.599,88	6.528,36	10.955,41
22.07.2019	00:30:00	6.359,03	6.286,69	10.822,76
22.07.2019	00:45:00	6.162,14	6.093,57	10.633,78
22.07.2019	01:00:00	6.015,32	5.941,04	10.523,62
22.07.2019	01:15:00	5.826,95	5.772,39	10.302,20
22.07.2019	01:30:00	5.730,13	5.681,35	10.174,82
22.07.2019	01:45:00	5.679,18	5.614,62	9.995,25
22.07.2019	02:00:00	5.604,02	5.505,02	9.927,39
22.07.2019	02:15:00	5.547,45	5.466,06	9.798,46
22.07.2019	02:30:00	5.516,66	5.441,74	9.871,65
22.07.2019	02:45:00	5.458,22	5.389,27	9.730,77
22.07.2019	03:00:00	5.402,86	5.353,00	9.658,98
22.07.2019	03:15:00	5.337,80	5.305,94	9.641,86
22.07.2019	03:30:00	5.364,57	5.335,21	9.678,79
22.07.2019	03:45:00	5.353,44	5.320,07	9.704,66
22.07.2019	04:00:00	5.356,58	5.315,67	9.746,79
22.07.2019	04:15:00	5.524,86	5.335,82	9.734,73
22.07.2019	04:30:00	5.568,03	5.371,52	9.989,33
22.07.2019	04:45:00	5.691,32	5.499,10	10.303,50
22.07.2019	05:00:00	5.788,03	5.598,86	10.741,40
22.07.2019	05:15:00	6.104,10	5.921,00	11.807,99
22.07.2019	05:30:00	6.267,83	6.119,30	12.499,48
22.07.2019	05:45:00	6.252,12	6.126,44	13.294,22
22.07.2019	06:00:00	6.513,08	6.348,08	13.980,55
22.07.2019	06:15:00	6.860,90	6.726,46	15.789,69
22.07.2019	06:30:00	7.289,87	7.191,87	16.818,57
22.07.2019	06:45:00	7.609,61	7.493,24	17.585,45
22.07.2019	07:00:00	7.976,02	7.625,66	17.971,86
22.07.2019	07:15:00	8.249,84	7.815,33	18.715,81
22.07.2019	07:30:00	8.305,04	7.699,08	18.804,26
22.07.2019	07:45:00	8.453,94	7.694,68	19.214,04
22.07.2019	08:00:00	8.685,02	8.089,24	20.073,08
22.07.2019	08:15:00	8.829,60	8.146,69	20.234,83
22.07.2019	08:30:00	8.737,88	7.828,57	20.010,60
22.07.2019	08:45:00	8.830,69	7.675,98	20.037,21
22.07.2019	09:00:00	8.918,28	7.277,44	19.963,20
22.07.2019	09:15:00	9.487,49	7.992,83	20.222,14
22.07.2019	09:30:00	9.348,45	7.246,08	19.532,95
22.07.2019	09:45:00	9.631,06	7.080,17	20.003,12
22.07.2019	10:00:00	9.859,48	6.786,93	19.872,19
22.07.2019	10:15:00	10.335,64	7.017,99	20.077,11
22.07.2019	10:30:00	10.120,14	6.610,88	19.536,50
22.07.2019	10:45:00	10.100,31	6.170,63	19.323,74
22.07.2019	11:00:00	10.167,18	5.896,69	19.157,26
22.07.2019	11:15:00	10.624,46	6.174,71	19.490,62
22.07.2019	11:30:00	10.799,05	6.278,23	19.510,20
22.07.2019	11:45:00	11.070,97	6.414,75	19.681,07
22.07.2019	12:00:00	11.081,11	6.251,63	19.375,90
22.07.2019	12:15:00	11.446,73	6.460,12	19.224,76
22.07.2019	12:30:00	11.196,37	7.490,98	19.609,83
22.07.2019	12:45:00	11.218,18	7.565,84	19.579,76
22.07.2019	13:00:00	11.103,80	7.341,87	19.816,89
22.07.2019	13:15:00	10.872,33	6.335,88	19.098,86
22.07.2019	13:30:00	11.079,93	7.195,37	20.068,86
22.07.2019	13:45:00	11.008,60	6.643,79	19.494,21

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.07.2019	14:00:00	10.836,94	5.486,26	18.279,60
22.07.2019	14:15:00	10.964,21	5.778,93	18.385,39
22.07.2019	14:30:00	9.064,06	6.444,51	18.747,76
22.07.2019	14:45:00	11.296,44	5.951,37	18.079,47
22.07.2019	15:00:00	11.268,43	5.927,83	17.939,23
22.07.2019	15:15:00	10.894,66	5.969,51	17.728,76
22.07.2019	15:30:00	11.049,42	6.148,70	17.759,04
22.07.2019	15:45:00	11.152,40	6.533,82	17.950,02
22.07.2019	16:00:00	11.122,50	5.974,23	16.889,05
22.07.2019	16:15:00	11.187,83	6.449,68	17.176,61
22.07.2019	16:30:00	11.232,42	6.504,84	17.036,48
22.07.2019	16:45:00	11.522,66	7.062,87	17.317,92
22.07.2019	17:00:00	11.532,06	7.433,17	17.541,55
22.07.2019	17:15:00	11.454,57	7.878,48	17.568,19
22.07.2019	17:30:00	11.693,01	8.054,98	17.661,58
22.07.2019	17:45:00	11.843,66	8.133,95	17.817,16
22.07.2019	18:00:00	11.943,52	8.548,84	18.175,62
22.07.2019	18:15:00	11.393,35	9.703,94	19.266,83
22.07.2019	18:30:00	11.777,01	9.512,06	18.647,06
22.07.2019	18:45:00	11.502,72	10.017,63	19.066,75
22.07.2019	19:00:00	11.218,23	10.443,44	19.555,29
22.07.2019	19:15:00	10.957,67	10.249,50	19.134,29
22.07.2019	19:30:00	11.297,99	9.867,72	18.573,80
22.07.2019	19:45:00	10.910,57	9.902,08	18.580,38
22.07.2019	20:00:00	10.858,70	9.976,28	18.609,20
22.07.2019	20:15:00	10.636,51	10.053,19	18.482,53
22.07.2019	20:30:00	10.296,73	9.945,43	18.188,68
22.07.2019	20:45:00	10.145,06	10.006,78	18.074,05
22.07.2019	21:00:00	9.846,07	9.746,32	17.831,89
22.07.2019	21:15:00	9.914,67	9.868,04	18.000,79
22.07.2019	21:30:00	10.031,55	10.016,12	18.042,40
22.07.2019	21:45:00	10.012,05	9.986,37	17.902,71
22.07.2019	22:00:00	10.058,32	9.992,92	17.822,32
22.07.2019	22:15:00	9.982,96	9.915,96	17.341,66
22.07.2019	22:30:00	9.704,90	9.639,16	16.760,58
22.07.2019	22:45:00	9.350,02	9.287,40	16.213,49
22.07.2019	23:00:00	8.897,47	8.943,16	15.629,68
22.07.2019	23:15:00	8.411,78	8.465,91	14.776,66
22.07.2019	23:30:00	7.927,84	7.962,44	14.248,48
22.07.2019	23:45:00	7.499,40	7.542,75	13.790,00
23.07.2019	00:00:00	7.084,07	7.148,90	13.216,86
23.07.2019	00:15:00	6.690,91	6.753,45	12.903,52
23.07.2019	00:30:00	6.440,03	6.499,29	12.607,65
23.07.2019	00:45:00	6.213,62	6.268,46	12.467,84
23.07.2019	01:00:00	6.037,74	6.055,35	12.319,30
23.07.2019	01:15:00	5.871,04	5.894,23	12.214,40
23.07.2019	01:30:00	5.803,02	5.831,84	11.935,62
23.07.2019	01:45:00	5.734,47	5.771,59	11.938,13
23.07.2019	02:00:00	5.637,84	5.691,47	11.723,30
23.07.2019	02:15:00	5.526,57	5.624,82	11.503,02
23.07.2019	02:30:00	5.509,55	5.607,77	11.504,16
23.07.2019	02:45:00	5.414,91	5.511,78	11.382,56
23.07.2019	03:00:00	5.364,43	5.459,76	11.312,87
23.07.2019	03:15:00	5.383,92	5.478,72	11.372,14
23.07.2019	03:30:00	5.380,36	5.476,56	11.361,54
23.07.2019	03:45:00	5.352,51	5.413,97	11.218,56
23.07.2019	04:00:00	5.359,86	5.405,76	11.129,58
23.07.2019	04:15:00	5.475,14	5.529,47	11.249,16
23.07.2019	04:30:00	5.579,42	5.639,57	11.323,63
23.07.2019	04:45:00	5.763,20	5.823,76	11.672,10
23.07.2019	05:00:00	5.777,59	5.857,34	12.001,14
23.07.2019	05:15:00	6.263,13	6.343,32	12.911,62
23.07.2019	05:30:00	6.266,28	6.327,50	13.187,00
23.07.2019	05:45:00	6.344,89	6.427,53	13.700,55
23.07.2019	06:00:00	6.555,17	6.659,47	14.715,90
23.07.2019	06:15:00	6.997,59	7.057,83	16.457,15
23.07.2019	06:30:00	7.338,59	7.273,91	17.061,30
23.07.2019	06:45:00	7.610,98	7.331,84	17.591,56
23.07.2019	07:00:00	7.832,64	7.414,27	18.117,40
23.07.2019	07:15:00	8.079,14	7.615,48	18.863,35
23.07.2019	07:30:00	8.150,12	7.637,78	19.096,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.07.2019	07:45:00	8.300,96	7.760,32	19.608,97
23.07.2019	08:00:00	8.272,97	7.671,92	19.870,59
23.07.2019	08:15:00	8.400,54	7.820,39	19.952,36
23.07.2019	08:30:00	8.361,32	7.585,08	19.806,24
23.07.2019	08:45:00	8.481,71	7.406,50	20.097,86
23.07.2019	09:00:00	8.691,35	7.292,10	19.786,10
23.07.2019	09:15:00	8.917,78	7.177,03	19.787,78
23.07.2019	09:30:00	9.153,58	7.063,02	19.641,48
23.07.2019	09:45:00	9.378,71	6.969,13	20.121,29
23.07.2019	10:00:00	9.789,91	7.057,57	20.373,51
23.07.2019	10:15:00	9.869,81	6.810,51	19.984,34
23.07.2019	10:30:00	9.873,46	6.493,00	19.913,32
23.07.2019	10:45:00	10.234,91	6.587,63	20.248,20
23.07.2019	11:00:00	10.207,35	6.314,38	20.113,86
23.07.2019	11:15:00	10.505,49	6.356,73	20.359,63
23.07.2019	11:30:00	10.751,91	6.433,39	20.409,93
23.07.2019	11:45:00	11.162,18	6.640,34	20.399,61
23.07.2019	12:00:00	11.107,22	6.443,01	20.098,45
23.07.2019	12:15:00	11.405,05	6.546,20	19.810,66
23.07.2019	12:30:00	11.261,89	6.187,78	19.178,63
23.07.2019	12:45:00	11.077,44	5.980,30	19.181,61
23.07.2019	13:00:00	11.000,05	5.865,88	19.051,26
23.07.2019	13:15:00	11.043,23	5.783,15	19.165,89
23.07.2019	13:30:00	10.933,97	5.626,16	18.985,20
23.07.2019	13:45:00	10.769,90	5.445,17	18.698,02
23.07.2019	14:00:00	10.916,39	5.501,26	18.781,65
23.07.2019	14:15:00	10.887,27	5.450,50	18.380,38
23.07.2019	14:30:00	10.850,28	5.337,64	18.191,16
23.07.2019	14:45:00	10.882,31	5.349,36	17.960,07
23.07.2019	15:00:00	10.715,19	5.235,62	17.682,97
23.07.2019	15:15:00	10.978,84	5.536,88	17.611,23
23.07.2019	15:30:00	10.976,20	5.612,60	17.533,14
23.07.2019	15:45:00	11.146,41	5.876,04	17.578,60
23.07.2019	16:00:00	11.206,82	6.065,94	17.552,70
23.07.2019	16:15:00	11.271,48	6.352,41	17.592,31
23.07.2019	16:30:00	11.450,53	6.699,06	17.689,00
23.07.2019	16:45:00	11.543,39	6.920,84	17.711,19
23.07.2019	17:00:00	11.675,80	7.201,28	17.708,71
23.07.2019	17:15:00	11.820,87	7.519,43	17.804,70
23.07.2019	17:30:00	11.924,49	7.837,75	17.887,93
23.07.2019	17:45:00	12.082,79	8.301,44	18.217,48
23.07.2019	18:00:00	12.313,09	8.788,25	18.472,97
23.07.2019	18:15:00	12.247,86	8.971,20	18.447,07
23.07.2019	18:30:00	12.323,59	9.338,46	18.615,07
23.07.2019	18:45:00	12.116,80	9.543,22	18.329,74
23.07.2019	19:00:00	11.845,33	9.782,72	18.478,84
23.07.2019	19:15:00	11.776,77	10.032,90	18.629,58
23.07.2019	19:30:00	11.523,82	10.058,02	18.697,12
23.07.2019	19:45:00	11.405,96	10.217,09	18.723,14
23.07.2019	20:00:00	11.031,07	10.190,73	18.793,34
23.07.2019	20:15:00	10.701,19	10.174,39	18.394,41
23.07.2019	20:30:00	10.293,22	10.013,47	18.050,16
23.07.2019	20:45:00	10.309,73	10.173,84	18.042,74
23.07.2019	21:00:00	10.079,14	10.026,16	17.796,12
23.07.2019	21:15:00	10.045,91	10.054,65	17.814,94
23.07.2019	21:30:00	10.202,59	10.185,77	17.807,80
23.07.2019	21:45:00	10.244,01	10.229,24	17.810,71
23.07.2019	22:00:00	10.291,92	10.302,28	17.671,06
23.07.2019	22:15:00	10.124,31	10.141,93	17.183,44
23.07.2019	22:30:00	9.808,02	9.824,89	16.632,32
23.07.2019	22:45:00	9.531,94	9.512,29	16.018,85
23.07.2019	23:00:00	9.091,59	9.050,98	15.356,22
23.07.2019	23:15:00	8.476,60	8.447,35	14.740,86
23.07.2019	23:30:00	7.930,76	7.924,88	14.190,81
23.07.2019	23:45:00	7.511,76	7.480,84	13.790,98
24.07.2019	00:00:00	7.098,82	7.053,22	13.228,87
24.07.2019	00:15:00	6.764,46	6.722,91	12.859,07
24.07.2019	00:30:00	6.478,82	6.463,72	12.696,18
24.07.2019	00:45:00	6.285,94	6.262,34	12.537,68
24.07.2019	01:00:00	6.130,13	6.108,86	12.350,00
24.07.2019	01:15:00	6.004,71	6.001,10	12.270,42

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.07.2019	01:30:00	5.880,17	5.835,81	12.025,64
24.07.2019	01:45:00	5.821,56	5.777,16	11.834,80
24.07.2019	02:00:00	5.748,53	5.710,28	11.637,76
24.07.2019	02:15:00	5.679,55	5.664,23	11.693,50
24.07.2019	02:30:00	5.627,12	5.626,55	11.544,84
24.07.2019	02:45:00	5.590,91	5.579,22	11.547,18
24.07.2019	03:00:00	5.481,49	5.442,74	11.372,78
24.07.2019	03:15:00	5.519,72	5.485,29	11.599,18
24.07.2019	03:30:00	5.548,21	5.549,88	11.479,11
24.07.2019	03:45:00	5.500,36	5.518,64	11.370,47
24.07.2019	04:00:00	5.489,60	5.510,06	11.321,09
24.07.2019	04:15:00	5.590,98	5.588,44	11.282,30
24.07.2019	04:30:00	5.690,66	5.675,53	11.456,11
24.07.2019	04:45:00	5.781,76	5.777,45	11.682,92
24.07.2019	05:00:00	5.905,63	5.921,68	12.194,48
24.07.2019	05:15:00	6.356,18	6.370,41	13.131,88
24.07.2019	05:30:00	6.265,31	6.270,04	13.323,64
24.07.2019	05:45:00	6.399,39	6.396,92	13.941,68
24.07.2019	06:00:00	6.691,84	6.671,08	14.790,01
24.07.2019	06:15:00	7.071,13	7.014,91	16.508,46
24.07.2019	06:30:00	7.462,73	7.372,59	17.862,52
24.07.2019	06:45:00	7.698,14	7.563,10	18.428,86
24.07.2019	07:00:00	7.927,09	7.770,18	18.966,44
24.07.2019	07:15:00	8.208,49	8.008,00	19.484,93
24.07.2019	07:30:00	8.254,56	8.039,13	19.737,95
24.07.2019	07:45:00	8.282,57	8.039,04	20.135,79
24.07.2019	08:00:00	8.290,09	7.974,73	20.451,24
24.07.2019	08:15:00	8.456,55	7.986,55	20.779,35
24.07.2019	08:30:00	8.574,62	7.882,48	20.684,67
24.07.2019	08:45:00	8.715,05	7.730,27	20.752,94
24.07.2019	09:00:00	8.799,98	7.455,81	20.495,36
24.07.2019	09:15:00	9.098,52	7.382,68	19.718,71
24.07.2019	09:30:00	9.158,96	7.082,34	19.274,37
24.07.2019	09:45:00	9.541,24	7.036,22	19.898,04
24.07.2019	10:00:00	9.606,56	6.799,74	20.081,61
24.07.2019	10:15:00	9.817,70	6.692,36	19.787,36
24.07.2019	10:30:00	9.950,35	6.563,02	19.686,34
24.07.2019	10:45:00	10.112,76	6.467,85	19.676,58
24.07.2019	11:00:00	10.356,24	6.468,87	19.741,88
24.07.2019	11:15:00	10.646,86	6.492,73	19.835,34
24.07.2019	11:30:00	10.877,25	6.523,70	19.928,15
24.07.2019	11:45:00	11.192,68	6.712,53	20.093,45
24.07.2019	12:00:00	11.262,72	6.709,32	20.084,15
24.07.2019	12:15:00	11.364,39	6.698,70	19.871,40
24.07.2019	12:30:00	11.429,96	6.603,84	19.558,33
24.07.2019	12:45:00	11.420,30	6.425,14	19.564,77
24.07.2019	13:00:00	11.271,39	6.167,41	19.647,20
24.07.2019	13:15:00	11.060,98	5.928,20	19.287,22
24.07.2019	13:30:00	11.039,01	5.832,66	19.228,20
24.07.2019	13:45:00	10.952,20	5.775,04	19.111,22
24.07.2019	14:00:00	10.922,31	5.737,08	19.080,52
24.07.2019	14:15:00	11.237,28	5.968,39	19.072,07
24.07.2019	14:30:00	11.056,39	5.818,05	18.443,86
24.07.2019	14:45:00	11.143,44	5.936,19	18.433,98
24.07.2019	15:00:00	11.087,87	5.956,74	18.331,82
24.07.2019	15:15:00	11.383,28	6.306,37	18.512,22
24.07.2019	15:30:00	11.358,39	6.264,80	18.223,30
24.07.2019	15:45:00	11.468,55	6.400,30	18.344,46
24.07.2019	16:00:00	11.461,42	6.597,15	18.406,76
24.07.2019	16:15:00	11.561,57	6.908,60	18.100,50
24.07.2019	16:30:00	11.551,57	7.112,94	18.226,29
24.07.2019	16:45:00	11.783,87	7.443,12	18.256,74
24.07.2019	17:00:00	11.817,95	7.648,87	18.225,00
24.07.2019	17:15:00	11.809,40	7.890,30	18.125,82
24.07.2019	17:30:00	11.870,76	8.240,15	18.103,03
24.07.2019	17:45:00	12.247,99	8.828,38	18.465,27
24.07.2019	18:00:00	12.287,44	9.052,94	18.521,25
24.07.2019	18:15:00	12.356,88	9.383,10	18.805,27
24.07.2019	18:30:00	12.380,18	9.711,77	18.850,40
24.07.2019	18:45:00	12.139,43	9.811,03	18.833,32
24.07.2019	19:00:00	11.865,08	9.899,41	18.913,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.07.2019	19:15:00	11.681,11	10.100,04	19.136,09
24.07.2019	19:30:00	11.466,46	10.208,67	19.210,80
24.07.2019	19:45:00	11.251,40	10.269,06	19.332,82
24.07.2019	20:00:00	11.004,50	10.271,88	19.086,98
24.07.2019	20:15:00	10.762,24	10.250,16	18.803,64
24.07.2019	20:30:00	10.531,92	10.231,82	18.679,24
24.07.2019	20:45:00	10.406,89	10.268,59	18.536,38
24.07.2019	21:00:00	10.234,55	10.189,55	18.242,16
24.07.2019	21:15:00	10.291,85	10.284,47	18.282,88
24.07.2019	21:30:00	10.434,16	10.430,01	18.370,87
24.07.2019	21:45:00	10.554,82	10.552,60	18.508,60
24.07.2019	22:00:00	10.412,08	10.418,69	18.065,14
24.07.2019	22:15:00	10.313,30	10.339,32	17.708,20
24.07.2019	22:30:00	9.933,57	9.966,55	17.189,02
24.07.2019	22:45:00	9.566,73	9.580,94	16.208,64
24.07.2019	23:00:00	9.208,07	9.196,59	15.728,26
24.07.2019	23:15:00	8.666,06	8.659,92	14.941,74
24.07.2019	23:30:00	8.203,13	8.225,04	14.443,34
24.07.2019	23:45:00	7.862,12	7.878,73	13.900,41
25.07.2019	00:00:00	7.494,54	7.502,63	13.484,84
25.07.2019	00:15:00	7.010,33	7.016,61	13.103,10
25.07.2019	00:30:00	6.738,15	6.746,09	12.804,08
25.07.2019	00:45:00	6.562,46	6.529,81	12.593,73
25.07.2019	01:00:00	6.352,35	6.307,40	12.333,84
25.07.2019	01:15:00	6.185,78	6.158,82	12.198,46
25.07.2019	01:30:00	6.092,62	6.079,31	11.991,16
25.07.2019	01:45:00	6.002,17	6.005,92	11.915,78
25.07.2019	02:00:00	5.906,93	5.933,68	11.806,90
25.07.2019	02:15:00	5.822,27	5.847,75	11.663,38
25.07.2019	02:30:00	5.789,63	5.812,08	11.553,84
25.07.2019	02:45:00	5.640,45	5.661,18	11.363,28
25.07.2019	03:00:00	5.619,93	5.640,85	11.429,96
25.07.2019	03:15:00	5.649,22	5.673,29	11.359,04
25.07.2019	03:30:00	5.602,91	5.589,28	11.310,30
25.07.2019	03:45:00	5.603,49	5.578,88	11.316,65
25.07.2019	04:00:00	5.613,26	5.594,33	11.286,33
25.07.2019	04:15:00	5.734,51	5.719,99	11.213,71
25.07.2019	04:30:00	5.840,38	5.848,06	11.180,90
25.07.2019	04:45:00	5.971,50	5.999,45	11.547,11
25.07.2019	05:00:00	6.019,92	6.065,31	12.116,49
25.07.2019	05:15:00	6.452,00	6.486,06	13.087,22
25.07.2019	05:30:00	6.421,03	6.432,82	13.314,40
25.07.2019	05:45:00	6.460,06	6.464,25	13.708,68
25.07.2019	06:00:00	6.659,04	6.666,82	14.275,77
25.07.2019	06:15:00	7.033,50	7.013,97	15.921,00
25.07.2019	06:30:00	7.427,06	7.387,02	16.951,24
25.07.2019	06:45:00	7.846,24	7.554,55	17.675,75
25.07.2019	07:00:00	8.163,31	7.776,50	18.162,54
25.07.2019	07:15:00	8.429,56	7.970,03	18.831,83
25.07.2019	07:30:00	8.407,90	7.880,17	19.086,90
25.07.2019	07:45:00	8.644,82	8.018,23	19.567,91
25.07.2019	08:00:00	8.742,80	8.088,67	20.033,03
25.07.2019	08:15:00	8.674,48	8.044,17	20.367,07
25.07.2019	08:30:00	8.691,37	7.870,84	20.305,30
25.07.2019	08:45:00	8.993,92	7.924,88	20.664,38
25.07.2019	09:00:00	9.068,75	7.768,39	20.637,11
25.07.2019	09:15:00	9.264,95	7.648,23	19.957,92
25.07.2019	09:30:00	9.458,58	7.490,50	19.778,22
25.07.2019	09:45:00	9.641,74	7.347,00	20.492,00
25.07.2019	10:00:00	9.923,75	7.315,75	20.683,89
25.07.2019	10:15:00	10.025,62	7.127,64	20.643,22
25.07.2019	10:30:00	10.224,77	7.031,06	20.479,32
25.07.2019	10:45:00	10.279,74	6.809,41	20.441,55
25.07.2019	11:00:00	10.412,81	6.720,79	20.629,19
25.07.2019	11:15:00	10.745,44	6.766,39	20.647,44
25.07.2019	11:30:00	11.113,93	7.000,43	20.913,00
25.07.2019	11:45:00	11.386,40	7.061,20	20.749,62
25.07.2019	12:00:00	11.419,46	6.918,45	20.569,68
25.07.2019	12:15:00	11.593,17	6.917,83	20.110,90
25.07.2019	12:30:00	11.660,29	6.784,94	19.811,72
25.07.2019	12:45:00	11.609,90	6.685,86	19.922,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.07.2019	13:00:00	11.478,39	6.513,90	19.754,51
25.07.2019	13:15:00	11.414,44	6.359,42	19.683,14
25.07.2019	13:30:00	11.166,76	6.090,20	19.543,14
25.07.2019	13:45:00	11.354,32	6.185,62	19.715,15
25.07.2019	14:00:00	11.269,33	6.103,44	19.302,39
25.07.2019	14:15:00	11.346,50	6.071,21	19.130,30
25.07.2019	14:30:00	11.368,08	6.082,37	18.768,38
25.07.2019	14:45:00	11.450,68	6.186,51	18.797,28
25.07.2019	15:00:00	11.439,20	6.234,74	18.598,74
25.07.2019	15:15:00	11.484,55	6.325,52	18.659,21
25.07.2019	15:30:00	11.021,46	6.568,36	18.460,75
25.07.2019	15:45:00	11.538,84	6.636,94	18.142,90
25.07.2019	16:00:00	11.673,90	6.929,47	18.150,20
25.07.2019	16:15:00	11.853,72	7.174,70	18.030,09
25.07.2019	16:30:00	11.552,59	7.325,24	18.058,84
25.07.2019	16:45:00	11.676,22	7.536,28	18.042,95
25.07.2019	17:00:00	11.906,69	7.725,40	17.986,16
25.07.2019	17:15:00	12.011,16	8.123,51	18.086,62
25.07.2019	17:30:00	12.281,33	8.535,03	18.342,35
25.07.2019	17:45:00	12.369,76	8.975,05	18.722,80
25.07.2019	18:00:00	12.489,68	9.293,22	18.779,93
25.07.2019	18:15:00	12.543,54	9.655,75	18.838,83
25.07.2019	18:30:00	12.371,15	9.771,77	18.699,66
25.07.2019	18:45:00	12.360,77	10.036,95	18.967,05
25.07.2019	19:00:00	12.142,54	10.120,95	18.961,92
25.07.2019	19:15:00	12.096,99	10.399,75	19.318,50
25.07.2019	19:30:00	11.896,46	10.540,05	19.231,19
25.07.2019	19:45:00	11.469,77	10.427,89	18.913,32
25.07.2019	20:00:00	11.220,25	10.504,48	18.923,53
25.07.2019	20:15:00	11.037,07	10.566,90	18.807,88
25.07.2019	20:30:00	10.812,74	10.564,47	18.623,72
25.07.2019	20:45:00	10.506,65	10.403,06	18.044,87
25.07.2019	21:00:00	10.413,18	10.394,05	17.950,42
25.07.2019	21:15:00	10.458,64	10.470,72	17.877,06
25.07.2019	21:30:00	10.526,19	10.537,79	17.928,75
25.07.2019	21:45:00	10.692,06	10.717,29	18.191,35
25.07.2019	22:00:00	10.501,90	10.545,69	17.949,76
25.07.2019	22:15:00	10.397,18	10.438,89	17.522,51
25.07.2019	22:30:00	10.017,21	10.055,42	16.826,86
25.07.2019	22:45:00	9.887,86	9.923,99	16.430,60
25.07.2019	23:00:00	9.465,87	9.449,66	15.736,40
25.07.2019	23:15:00	8.797,56	8.769,26	14.853,05
25.07.2019	23:30:00	8.363,53	8.340,14	14.282,60
25.07.2019	23:45:00	8.017,69	7.924,53	13.822,95
26.07.2019	00:00:00	7.675,00	7.483,09	13.365,45
26.07.2019	00:15:00	7.260,13	7.065,17	12.936,05
26.07.2019	00:30:00	7.021,36	6.805,41	12.689,30
26.07.2019	00:45:00	6.851,50	6.609,06	12.577,95
26.07.2019	01:00:00	6.631,19	6.394,44	12.331,90
26.07.2019	01:15:00	6.387,81	6.191,92	12.120,80
26.07.2019	01:30:00	6.295,71	6.100,64	12.214,00
26.07.2019	01:45:00	6.163,70	5.968,94	11.959,55
26.07.2019	02:00:00	6.097,91	5.900,99	11.826,20
26.07.2019	02:15:00	6.014,93	5.831,92	11.734,60
26.07.2019	02:30:00	5.962,62	5.756,15	11.672,25
26.07.2019	02:45:00	5.864,05	5.633,32	11.494,60
26.07.2019	03:00:00	5.827,43	5.608,65	11.483,05
26.07.2019	03:15:00	5.818,29	5.600,71	11.471,20
26.07.2019	03:30:00	5.799,76	5.592,15	11.386,30
26.07.2019	03:45:00	5.761,66	5.602,41	11.467,82
26.07.2019	04:00:00	5.735,78	5.649,74	11.461,37
26.07.2019	04:15:00	5.870,23	5.750,90	11.705,87
26.07.2019	04:30:00	5.964,75	5.844,25	11.779,72
26.07.2019	04:45:00	6.146,43	6.046,87	12.125,90
26.07.2019	05:00:00	6.180,90	6.101,46	12.610,50
26.07.2019	05:15:00	6.598,10	6.517,41	13.336,80
26.07.2019	05:30:00	6.597,24	6.553,50	13.672,55
26.07.2019	05:45:00	6.621,83	6.588,90	13.994,10
26.07.2019	06:00:00	6.801,13	6.837,75	14.816,40
26.07.2019	06:15:00	7.249,46	7.241,53	16.500,18
26.07.2019	06:30:00	7.637,63	7.616,99	17.501,44

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.07.2019	06:45:00	7.994,64	7.953,71	18.491,95
26.07.2019	07:00:00	8.344,13	8.199,55	19.285,36
26.07.2019	07:15:00	8.582,92	8.222,27	19.507,06
26.07.2019	07:30:00	8.765,09	8.349,59	19.841,65
26.07.2019	07:45:00	8.928,47	8.427,02	20.301,40
26.07.2019	08:00:00	8.943,47	8.334,45	20.459,58
26.07.2019	08:15:00	9.066,71	8.521,48	20.966,83
26.07.2019	08:30:00	9.221,56	8.506,40	21.119,51
26.07.2019	08:45:00	9.376,16	8.399,13	21.177,14
26.07.2019	09:00:00	9.377,50	8.119,25	20.800,38
26.07.2019	09:15:00	9.584,79	8.054,36	20.384,27
26.07.2019	09:30:00	9.732,60	7.903,81	20.369,26
26.07.2019	09:45:00	9.998,34	7.902,83	20.788,90
26.07.2019	10:00:00	10.260,65	7.752,41	20.891,36
26.07.2019	10:15:00	10.313,70	7.525,62	20.624,27
26.07.2019	10:30:00	10.366,28	7.269,31	20.463,24
26.07.2019	10:45:00	10.650,82	7.380,59	20.664,47
26.07.2019	11:00:00	10.700,25	7.373,53	20.844,24
26.07.2019	11:15:00	10.937,87	7.240,09	20.470,31
26.07.2019	11:30:00	11.162,79	7.487,84	20.556,52
26.07.2019	11:45:00	11.542,20	7.351,57	20.151,36
26.07.2019	12:00:00	11.808,93	7.424,24	20.098,25
26.07.2019	12:15:00	11.776,81	7.210,48	18.993,64
26.07.2019	12:30:00	11.591,99	6.868,96	18.344,85
26.07.2019	12:45:00	11.543,62	6.670,53	18.143,69
26.07.2019	13:00:00	11.416,77	6.491,55	17.979,58
26.07.2019	13:15:00	11.356,07	6.303,15	17.917,82
26.07.2019	13:30:00	11.284,25	6.188,44	17.834,96
26.07.2019	13:45:00	11.386,38	6.333,67	18.003,36
26.07.2019	14:00:00	11.299,81	6.409,61	17.766,98
26.07.2019	14:15:00	11.313,58	6.299,52	17.374,82
26.07.2019	14:30:00	11.252,64	6.242,63	17.256,13
26.07.2019	14:45:00	11.292,58	6.453,66	17.115,50
26.07.2019	15:00:00	11.376,59	6.901,01	17.438,98
26.07.2019	15:15:00	11.280,73	6.822,85	17.082,70
26.07.2019	15:30:00	11.703,56	7.030,86	17.081,76
26.07.2019	15:45:00	11.163,77	7.639,43	17.520,08
26.07.2019	16:00:00	11.046,88	8.576,86	18.323,97
26.07.2019	16:15:00	11.216,96	8.682,90	18.233,68
26.07.2019	16:30:00	11.894,03	8.313,60	17.629,22
26.07.2019	16:45:00	11.886,89	7.468,50	16.515,05
26.07.2019	17:00:00	11.839,20	7.590,46	16.329,72
26.07.2019	17:15:00	12.210,43	8.189,99	16.802,22
26.07.2019	17:30:00	12.090,40	8.848,57	17.372,89
26.07.2019	17:45:00	12.584,91	9.033,71	17.710,95
26.07.2019	18:00:00	12.374,47	9.322,66	17.977,16
26.07.2019	18:15:00	12.053,40	9.508,23	17.962,63
26.07.2019	18:30:00	11.615,51	10.083,85	18.454,62
26.07.2019	18:45:00	11.522,83	10.031,73	18.411,44
26.07.2019	19:00:00	11.533,59	9.895,76	18.146,75
26.07.2019	19:15:00	10.977,82	10.206,09	18.363,77
26.07.2019	19:30:00	10.803,23	10.103,42	18.053,22
26.07.2019	19:45:00	10.700,15	10.176,96	18.025,87
26.07.2019	20:00:00	10.712,61	10.388,68	18.002,32
26.07.2019	20:15:00	10.513,24	10.301,20	17.798,24
26.07.2019	20:30:00	10.408,74	10.272,05	17.652,28
26.07.2019	20:45:00	10.261,36	10.225,13	17.607,86
26.07.2019	21:00:00	10.203,53	10.217,85	17.492,85
26.07.2019	21:15:00	10.314,60	10.231,61	17.448,55
26.07.2019	21:30:00	11.035,91	10.923,10	18.203,70
26.07.2019	21:45:00	10.786,70	10.677,77	17.771,35
26.07.2019	22:00:00	10.495,05	10.388,09	17.294,45
26.07.2019	22:15:00	10.272,48	10.199,50	16.998,00
26.07.2019	22:30:00	10.000,28	9.918,77	16.606,30
26.07.2019	22:45:00	9.601,90	9.516,69	15.767,10
26.07.2019	23:00:00	9.199,67	9.129,53	15.080,05
26.07.2019	23:15:00	8.802,33	8.788,07	14.669,45
26.07.2019	23:30:00	8.443,15	8.420,25	14.140,20
26.07.2019	23:45:00	8.109,59	8.083,97	13.745,74
27.07.2019	00:00:00	7.794,71	7.795,89	13.468,84
27.07.2019	00:15:00	7.535,89	7.537,58	13.206,79

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.07.2019	00:30:00	7.271,98	7.271,45	13.039,08
27.07.2019	00:45:00	7.013,54	6.993,94	12.642,06
27.07.2019	01:00:00	6.761,73	6.713,70	12.332,36
27.07.2019	01:15:00	6.636,11	6.613,96	12.033,48
27.07.2019	01:30:00	6.473,84	6.452,23	11.919,33
27.07.2019	01:45:00	6.352,92	6.344,13	11.796,68
27.07.2019	02:00:00	6.220,61	6.192,97	11.690,48
27.07.2019	02:15:00	6.075,56	6.053,22	11.501,93
27.07.2019	02:30:00	6.028,72	6.005,45	11.433,60
27.07.2019	02:45:00	5.959,71	5.910,64	11.219,58
27.07.2019	03:00:00	5.895,50	5.822,71	11.203,40
27.07.2019	03:15:00	5.839,18	5.768,39	11.087,64
27.07.2019	03:30:00	5.753,45	5.698,66	10.919,52
27.07.2019	03:45:00	5.762,04	5.725,34	11.015,40
27.07.2019	04:00:00	5.792,99	5.756,10	11.003,39
27.07.2019	04:15:00	5.849,99	5.811,17	10.877,04
27.07.2019	04:30:00	5.890,64	5.841,26	10.856,43
27.07.2019	04:45:00	5.905,88	5.828,28	11.091,31
27.07.2019	05:00:00	5.929,49	5.860,93	11.188,10
27.07.2019	05:15:00	6.020,78	5.956,77	11.350,27
27.07.2019	05:30:00	6.146,77	6.102,46	11.603,74
27.07.2019	05:45:00	6.285,79	6.242,01	11.798,08
27.07.2019	06:00:00	6.353,69	6.334,53	11.802,00
27.07.2019	06:15:00	6.346,75	6.316,66	11.848,46
27.07.2019	06:30:00	6.545,50	6.495,49	12.051,28
27.07.2019	06:45:00	6.672,82	6.627,39	12.366,55
27.07.2019	07:00:00	6.931,11	6.851,80	12.620,61
27.07.2019	07:15:00	7.241,27	7.143,73	12.958,27
27.07.2019	07:30:00	7.440,81	7.293,64	13.116,70
27.07.2019	07:45:00	7.724,66	7.451,73	13.378,56
27.07.2019	08:00:00	7.993,47	7.492,78	13.460,53
27.07.2019	08:15:00	8.352,45	7.650,10	13.651,52
27.07.2019	08:30:00	8.682,78	7.794,73	13.812,39
27.07.2019	08:45:00	8.870,84	7.759,69	13.730,14
27.07.2019	09:00:00	9.055,28	7.614,62	13.579,62
27.07.2019	09:15:00	9.388,79	7.915,42	13.828,12
27.07.2019	09:30:00	9.111,69	6.809,39	12.701,48
27.07.2019	09:45:00	9.042,08	6.640,16	12.631,40
27.07.2019	10:00:00	9.658,11	6.659,04	12.629,39
27.07.2019	10:15:00	10.027,71	7.357,66	13.330,55
27.07.2019	10:30:00	10.241,82	7.982,14	14.043,14
27.07.2019	10:45:00	10.039,58	7.185,79	13.292,18
27.07.2019	11:00:00	10.208,64	5.839,69	11.773,03
27.07.2019	11:15:00	9.710,15	6.306,16	12.381,70
27.07.2019	11:30:00	10.372,27	7.313,76	13.475,25
27.07.2019	11:45:00	11.535,95	8.227,68	14.367,34
27.07.2019	12:00:00	11.307,88	7.348,37	13.510,50
27.07.2019	12:15:00	11.631,71	7.079,70	13.291,16
27.07.2019	12:30:00	11.135,48	8.008,19	14.002,00
27.07.2019	12:45:00	11.229,36	8.889,98	15.030,97
27.07.2019	13:00:00	11.256,46	8.598,32	14.807,29
27.07.2019	13:15:00	11.567,04	6.993,40	13.088,77
27.07.2019	13:30:00	11.052,41	6.395,00	12.413,05
27.07.2019	13:45:00	11.322,56	7.111,08	13.120,36
27.07.2019	14:00:00	10.952,31	6.278,69	12.283,38
27.07.2019	14:15:00	10.331,48	5.455,35	11.273,60
27.07.2019	14:30:00	10.642,11	4.817,97	10.689,21
27.07.2019	14:45:00	10.105,86	5.355,24	11.208,12
27.07.2019	15:00:00	10.481,95	4.632,10	10.453,88
27.07.2019	15:15:00	10.755,17	5.184,10	10.968,16
27.07.2019	15:30:00	7.941,20	5.438,46	11.260,13
27.07.2019	15:45:00	9.672,44	5.499,63	11.388,65
27.07.2019	16:00:00	9.794,48	5.124,94	10.862,37
27.07.2019	16:15:00	10.284,19	5.049,00	10.769,58
27.07.2019	16:30:00	10.165,02	5.106,86	10.843,69
27.07.2019	16:45:00	10.335,35	5.566,12	11.357,57
27.07.2019	17:00:00	10.536,24	5.901,93	11.674,35
27.07.2019	17:15:00	11.344,63	6.638,48	12.389,10
27.07.2019	17:30:00	9.814,32	7.169,68	12.922,12
27.07.2019	17:45:00	9.133,38	7.725,04	13.373,62
27.07.2019	18:00:00	11.349,18	8.327,46	13.918,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.07.2019	18:15:00	9.972,86	9.144,31	14.720,50
27.07.2019	18:30:00	9.984,79	9.408,10	14.965,36
27.07.2019	18:45:00	9.942,92	9.465,83	15.140,74
27.07.2019	19:00:00	9.978,41	9.678,06	15.377,28
27.07.2019	19:15:00	10.010,10	9.859,14	15.546,76
27.07.2019	19:30:00	10.188,83	10.153,86	15.676,66
27.07.2019	19:45:00	10.565,97	10.562,04	16.140,92
27.07.2019	20:00:00	10.769,50	10.731,11	16.172,08
27.07.2019	20:15:00	11.429,33	11.387,58	16.886,28
27.07.2019	20:30:00	11.762,08	11.721,95	17.216,50
27.07.2019	20:45:00	11.411,41	11.355,28	16.775,59
27.07.2019	21:00:00	10.767,15	10.694,78	15.917,96
27.07.2019	21:15:00	10.725,97	10.658,82	15.741,25
27.07.2019	21:30:00	10.542,71	10.484,56	15.551,11
27.07.2019	21:45:00	10.203,23	10.160,71	15.310,70
27.07.2019	22:00:00	10.035,82	10.000,84	15.110,12
27.07.2019	22:15:00	9.863,18	9.824,63	14.935,30
27.07.2019	22:30:00	9.558,47	9.519,41	14.365,26
27.07.2019	22:45:00	9.360,40	9.321,69	13.912,97
27.07.2019	23:00:00	9.096,12	9.020,10	13.481,24
27.07.2019	23:15:00	8.705,69	8.620,21	13.051,33
27.07.2019	23:30:00	8.304,09	8.221,04	12.626,96
27.07.2019	23:45:00	8.046,34	7.997,31	12.292,85
28.07.2019	00:00:00	7.661,22	7.612,37	11.904,08
28.07.2019	00:15:00	7.251,44	7.195,78	11.407,85
28.07.2019	00:30:00	7.014,07	6.945,91	11.092,22
28.07.2019	00:45:00	6.836,14	6.725,72	10.955,68
28.07.2019	01:00:00	6.619,96	6.520,90	10.724,63
28.07.2019	01:15:00	6.441,06	6.383,32	10.615,02
28.07.2019	01:30:00	6.330,39	6.312,12	10.555,78
28.07.2019	01:45:00	6.195,73	6.178,28	10.302,94
28.07.2019	02:00:00	6.055,07	6.027,49	10.146,21
28.07.2019	02:15:00	5.909,11	5.882,75	10.043,53
28.07.2019	02:30:00	5.867,84	5.796,31	9.890,50
28.07.2019	02:45:00	5.823,09	5.758,61	9.878,85
28.07.2019	03:00:00	5.749,98	5.697,62	9.817,52
28.07.2019	03:15:00	5.651,44	5.624,35	9.965,79
28.07.2019	03:30:00	5.571,70	5.546,36	9.881,79
28.07.2019	03:45:00	5.558,73	5.531,31	9.803,88
28.07.2019	04:00:00	5.569,87	5.545,07	9.831,11
28.07.2019	04:15:00	5.597,12	5.537,37	9.735,33
28.07.2019	04:30:00	5.631,38	5.557,12	9.761,91
28.07.2019	04:45:00	5.665,79	5.589,62	9.868,89
28.07.2019	05:00:00	5.581,33	5.498,77	9.758,94
28.07.2019	05:15:00	5.695,06	5.605,81	9.894,51
28.07.2019	05:30:00	5.715,24	5.643,14	9.992,15
28.07.2019	05:45:00	5.732,49	5.664,22	10.003,41
28.07.2019	06:00:00	5.507,20	5.439,73	9.751,48
28.07.2019	06:15:00	5.610,60	5.493,38	9.816,81
28.07.2019	06:30:00	5.611,10	5.446,77	9.687,44
28.07.2019	06:45:00	5.687,56	5.532,46	9.875,01
28.07.2019	07:00:00	5.955,69	5.745,61	10.035,50
28.07.2019	07:15:00	6.029,49	5.737,04	10.040,26
28.07.2019	07:30:00	6.085,73	5.743,21	10.137,78
28.07.2019	07:45:00	6.439,85	6.135,92	10.642,34
28.07.2019	08:00:00	6.645,21	6.321,38	10.807,76
28.07.2019	08:15:00	7.109,78	6.801,86	11.312,07
28.07.2019	08:30:00	7.408,53	7.109,32	11.666,94
28.07.2019	08:45:00	7.784,76	7.304,28	11.801,09
28.07.2019	09:00:00	8.096,16	7.658,09	12.220,00
28.07.2019	09:15:00	8.265,04	7.807,04	12.348,80
28.07.2019	09:30:00	8.745,05	8.104,83	12.684,62
28.07.2019	09:45:00	9.061,65	8.857,45	13.497,28
28.07.2019	10:00:00	9.367,51	9.059,55	13.712,97
28.07.2019	10:15:00	9.785,38	9.302,88	13.887,30
28.07.2019	10:30:00	9.846,19	9.484,92	14.140,12
28.07.2019	10:45:00	10.130,85	9.580,75	14.317,50
28.07.2019	11:00:00	10.314,35	9.840,87	14.585,29
28.07.2019	11:15:00	10.682,59	10.153,05	14.853,95
28.07.2019	11:30:00	10.899,80	10.183,69	14.826,98
28.07.2019	11:45:00	11.134,03	10.488,25	15.058,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.07.2019	12:00:00	11.320,79	10.593,36	15.183,29
28.07.2019	12:15:00	11.493,68	10.302,96	14.862,53
28.07.2019	12:30:00	11.109,47	10.270,84	14.875,49
28.07.2019	12:45:00	10.920,67	10.078,34	14.782,32
28.07.2019	13:00:00	10.856,61	9.610,17	14.146,83
28.07.2019	13:15:00	10.919,39	9.233,16	13.525,77
28.07.2019	13:30:00	10.596,68	8.910,59	13.144,57
28.07.2019	13:45:00	10.426,15	8.932,46	13.176,69
28.07.2019	14:00:00	10.181,03	8.898,18	13.129,13
28.07.2019	14:15:00	9.878,96	8.576,71	12.733,02
28.07.2019	14:30:00	9.814,29	8.441,74	12.644,98
28.07.2019	14:45:00	9.583,49	8.414,33	12.626,56
28.07.2019	15:00:00	9.747,04	8.310,08	12.582,60
28.07.2019	15:15:00	9.707,46	8.032,30	12.243,34
28.07.2019	15:30:00	9.576,16	7.477,19	11.603,71
28.07.2019	15:45:00	9.033,68	7.746,24	11.934,73
28.07.2019	16:00:00	8.860,82	8.288,16	12.499,32
28.07.2019	16:15:00	9.010,25	8.125,18	12.311,56
28.07.2019	16:30:00	9.286,31	8.388,31	12.599,36
28.07.2019	16:45:00	9.367,54	9.076,90	13.444,79
28.07.2019	17:00:00	9.643,83	9.492,11	13.873,37
28.07.2019	17:15:00	9.758,41	9.526,38	13.786,73
28.07.2019	17:30:00	9.888,26	9.614,22	14.171,94
28.07.2019	17:45:00	10.068,81	9.838,96	14.451,88
28.07.2019	18:00:00	10.196,31	9.988,46	14.541,85
28.07.2019	18:15:00	10.346,73	10.174,16	14.752,61
28.07.2019	18:30:00	10.315,93	10.059,88	14.592,62
28.07.2019	18:45:00	10.127,58	9.811,57	14.363,63
28.07.2019	19:00:00	10.286,29	10.031,65	14.595,73
28.07.2019	19:15:00	10.162,95	9.914,22	14.403,33
28.07.2019	19:30:00	9.987,68	9.890,69	14.380,52
28.07.2019	19:45:00	9.990,22	9.925,26	14.396,41
28.07.2019	20:00:00	10.089,28	10.137,21	14.597,72
28.07.2019	20:15:00	10.035,03	10.099,62	14.546,14
28.07.2019	20:30:00	9.955,76	10.007,81	14.563,91
28.07.2019	20:45:00	9.956,50	10.003,53	14.599,42
28.07.2019	21:00:00	10.178,70	10.231,80	14.812,72
28.07.2019	21:15:00	10.231,96	10.279,80	14.907,56
28.07.2019	21:30:00	10.261,22	10.323,96	14.835,05
28.07.2019	21:45:00	9.907,27	9.963,75	14.630,56
28.07.2019	22:00:00	9.586,88	9.641,12	14.239,78
28.07.2019	22:15:00	9.222,51	9.301,24	13.926,06
28.07.2019	22:30:00	8.976,62	9.058,91	13.861,37
28.07.2019	22:45:00	8.707,32	8.776,76	13.480,71
28.07.2019	23:00:00	8.455,20	8.488,33	13.134,14
28.07.2019	23:15:00	7.965,78	7.996,62	12.587,12
28.07.2019	23:30:00	7.556,89	7.590,79	12.237,14
28.07.2019	23:45:00	7.218,48	7.249,47	11.844,90
29.07.2019	00:00:00	6.848,46	6.890,65	11.473,97
29.07.2019	00:15:00	6.534,80	6.599,37	11.257,45
29.07.2019	00:30:00	6.288,85	6.329,10	10.940,79
29.07.2019	00:45:00	6.084,42	6.102,05	10.674,95
29.07.2019	01:00:00	5.889,42	5.921,42	10.552,10
29.07.2019	01:15:00	5.876,28	5.973,05	10.655,93
29.07.2019	01:30:00	5.759,33	5.864,40	10.404,73
29.07.2019	01:45:00	5.648,85	5.752,93	10.457,40
29.07.2019	02:00:00	5.581,69	5.681,22	10.367,30
29.07.2019	02:15:00	5.542,18	5.629,35	10.281,19
29.07.2019	02:30:00	5.477,75	5.527,54	10.111,16
29.07.2019	02:45:00	5.448,98	5.505,89	10.161,24
29.07.2019	03:00:00	5.405,76	5.471,82	10.104,87
29.07.2019	03:15:00	5.395,41	5.458,89	9.841,94
29.07.2019	03:30:00	5.403,67	5.466,56	9.879,23
29.07.2019	03:45:00	5.477,44	5.576,22	10.128,09
29.07.2019	04:00:00	5.429,74	5.528,78	10.086,14
29.07.2019	04:15:00	5.516,21	5.617,47	10.192,09
29.07.2019	04:30:00	5.614,28	5.716,26	10.363,45
29.07.2019	04:45:00	5.782,94	5.882,94	10.581,58
29.07.2019	05:00:00	5.805,08	5.896,35	10.910,36
29.07.2019	05:15:00	6.147,63	6.187,09	12.080,10
29.07.2019	05:30:00	6.315,60	6.378,80	12.470,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.07.2019	05:45:00	6.638,36	6.719,51	13.232,31
29.07.2019	06:00:00	6.768,71	6.842,94	13.897,85
29.07.2019	06:15:00	6.917,25	7.002,24	15.591,09
29.07.2019	06:30:00	7.156,52	7.272,68	16.481,93
29.07.2019	06:45:00	7.507,62	7.625,38	17.339,81
29.07.2019	07:00:00	8.029,82	8.163,16	18.113,04
29.07.2019	07:15:00	8.516,47	8.512,96	19.047,97
29.07.2019	07:30:00	8.709,66	8.666,39	19.561,45
29.07.2019	07:45:00	8.960,35	8.799,07	19.854,73
29.07.2019	08:00:00	9.211,63	8.928,99	20.375,08
29.07.2019	08:15:00	9.418,39	9.139,14	20.845,02
29.07.2019	08:30:00	9.703,31	9.570,23	21.698,56
29.07.2019	08:45:00	9.953,15	9.731,94	22.208,98
29.07.2019	09:00:00	10.122,31	9.759,41	22.166,06
29.07.2019	09:15:00	10.262,74	9.481,03	21.428,44
29.07.2019	09:30:00	10.263,44	9.296,69	21.208,83
29.07.2019	09:45:00	10.607,66	9.754,28	22.078,73
29.07.2019	10:00:00	10.627,96	9.620,53	22.068,04
29.07.2019	10:15:00	10.650,34	9.531,49	22.193,72
29.07.2019	10:30:00	10.583,03	8.988,74	21.694,37
29.07.2019	10:45:00	10.661,49	8.644,85	21.318,55
29.07.2019	11:00:00	11.224,78	8.584,74	21.339,08
29.07.2019	11:15:00	11.102,17	7.885,20	20.359,92
29.07.2019	11:30:00	11.788,74	7.288,23	19.773,70
29.07.2019	11:45:00	11.447,90	7.466,85	19.913,55
29.07.2019	12:00:00	11.343,00	7.510,09	19.824,32
29.07.2019	12:15:00	12.100,21	7.739,81	19.824,50
29.07.2019	12:30:00	10.524,77	8.816,53	20.582,95
29.07.2019	12:45:00	12.180,87	7.932,60	19.804,30
29.07.2019	13:00:00	10.326,75	7.722,71	20.008,40
29.07.2019	13:15:00	9.858,67	7.428,95	19.644,35
29.07.2019	13:30:00	11.445,28	6.547,29	18.779,38
29.07.2019	13:45:00	10.945,20	7.272,26	19.637,94
29.07.2019	14:00:00	10.870,50	6.167,14	18.381,15
29.07.2019	14:15:00	11.017,46	5.272,55	17.538,96
29.07.2019	14:30:00	10.365,33	5.763,58	17.851,99
29.07.2019	14:45:00	10.076,77	6.067,33	17.846,76
29.07.2019	15:00:00	12.038,08	6.387,24	18.115,14
29.07.2019	15:15:00	10.811,19	6.013,60	17.597,08
29.07.2019	15:30:00	9.125,90	6.015,44	17.180,05
29.07.2019	15:45:00	9.434,47	6.662,91	17.596,96
29.07.2019	16:00:00	9.560,98	6.021,87	16.582,75
29.07.2019	16:15:00	11.668,96	6.427,25	16.771,56
29.07.2019	16:30:00	11.865,12	6.744,79	16.854,12
29.07.2019	16:45:00	11.126,58	6.927,29	16.935,83
29.07.2019	17:00:00	10.496,70	7.595,87	17.463,58
29.07.2019	17:15:00	11.569,56	8.283,49	17.795,05
29.07.2019	17:30:00	9.924,05	8.661,58	17.822,42
29.07.2019	17:45:00	10.634,32	8.763,91	17.645,64
29.07.2019	18:00:00	10.625,04	8.706,65	17.363,37
29.07.2019	18:15:00	10.271,22	8.773,95	17.137,08
29.07.2019	18:30:00	10.480,51	9.250,91	17.548,51
29.07.2019	18:45:00	11.040,08	9.497,19	17.489,16
29.07.2019	19:00:00	11.334,18	9.426,87	17.502,26
29.07.2019	19:15:00	11.257,02	9.593,12	17.929,44
29.07.2019	19:30:00	10.977,53	9.616,43	17.886,52
29.07.2019	19:45:00	10.716,15	9.693,63	17.771,33
29.07.2019	20:00:00	10.447,81	9.739,42	17.845,13
29.07.2019	20:15:00	10.177,12	9.735,71	17.724,71
29.07.2019	20:30:00	9.869,73	9.637,97	17.416,63
29.07.2019	20:45:00	9.633,55	9.544,31	17.176,72
29.07.2019	21:00:00	9.627,44	9.647,32	17.117,88
29.07.2019	21:15:00	9.701,97	9.792,18	17.077,25
29.07.2019	21:30:00	9.887,19	9.980,27	17.306,37
29.07.2019	21:45:00	10.057,41	10.103,96	17.277,72
29.07.2019	22:00:00	9.904,11	9.947,56	16.880,97
29.07.2019	22:15:00	9.731,61	9.772,62	16.829,48
29.07.2019	22:30:00	9.441,15	9.495,29	16.280,61
29.07.2019	22:45:00	9.117,79	9.183,93	15.635,54
29.07.2019	23:00:00	8.755,24	8.836,85	15.148,94
29.07.2019	23:15:00	8.241,99	8.297,78	14.434,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.07.2019	23:30:00	7.766,22	7.786,94	13.843,95
29.07.2019	23:45:00	7.329,85	7.352,25	13.244,06
30.07.2019	00:00:00	6.935,72	6.968,59	12.715,03
30.07.2019	00:15:00	6.587,13	6.646,37	12.288,51
30.07.2019	00:30:00	6.337,83	6.380,36	12.089,67
30.07.2019	00:45:00	6.137,72	6.156,00	11.873,93
30.07.2019	01:00:00	5.979,55	6.045,99	11.762,67
30.07.2019	01:15:00	5.822,71	5.918,82	11.661,71
30.07.2019	01:30:00	5.792,98	5.896,61	11.567,01
30.07.2019	01:45:00	5.647,41	5.747,56	11.276,48
30.07.2019	02:00:00	5.520,64	5.618,45	11.107,72
30.07.2019	02:15:00	5.528,17	5.599,62	11.034,35
30.07.2019	02:30:00	5.439,01	5.487,61	10.947,23
30.07.2019	02:45:00	5.330,57	5.386,64	10.812,72
30.07.2019	03:00:00	5.362,37	5.423,14	11.061,30
30.07.2019	03:15:00	5.327,48	5.399,69	11.003,11
30.07.2019	03:30:00	5.323,61	5.420,72	11.026,58
30.07.2019	03:45:00	5.318,47	5.413,78	11.043,44
30.07.2019	04:00:00	5.380,76	5.469,04	11.038,56
30.07.2019	04:15:00	5.431,60	5.486,20	11.129,81
30.07.2019	04:30:00	5.486,87	5.441,17	11.154,29
30.07.2019	04:45:00	5.669,64	5.623,61	11.444,99
30.07.2019	05:00:00	5.737,82	5.700,09	11.742,16
30.07.2019	05:15:00	6.177,14	6.157,55	12.566,68
30.07.2019	05:30:00	6.260,68	6.267,05	12.951,24
30.07.2019	05:45:00	6.499,05	6.520,06	13.634,42
30.07.2019	06:00:00	6.541,06	6.550,16	14.453,84
30.07.2019	06:15:00	6.796,34	6.774,12	16.026,46
30.07.2019	06:30:00	7.276,76	7.287,56	17.265,99
30.07.2019	06:45:00	7.564,30	7.613,87	18.142,14
30.07.2019	07:00:00	7.964,80	8.022,50	19.292,59
30.07.2019	07:15:00	8.286,00	8.330,51	19.967,50
30.07.2019	07:30:00	8.652,97	8.677,16	20.753,01
30.07.2019	07:45:00	8.855,98	8.836,15	21.193,17
30.07.2019	08:00:00	9.155,06	9.037,00	21.588,39
30.07.2019	08:15:00	9.439,00	9.251,74	21.809,99
30.07.2019	08:30:00	9.623,05	9.328,82	22.150,59
30.07.2019	08:45:00	9.815,52	9.439,84	22.356,61
30.07.2019	09:00:00	9.994,26	9.608,42	22.528,01
30.07.2019	09:15:00	10.317,24	9.862,40	22.109,64
30.07.2019	09:30:00	10.391,05	9.812,62	21.895,74
30.07.2019	09:45:00	10.500,15	9.935,46	22.506,30
30.07.2019	10:00:00	10.746,54	9.963,56	22.694,82
30.07.2019	10:15:00	10.832,92	9.462,55	22.275,44
30.07.2019	10:30:00	10.611,98	8.440,74	21.080,42
30.07.2019	10:45:00	10.351,60	7.493,46	20.126,97
30.07.2019	11:00:00	9.999,12	7.031,10	19.789,84
30.07.2019	11:15:00	10.783,25	7.090,43	19.778,90
30.07.2019	11:30:00	10.633,80	7.001,85	19.646,85
30.07.2019	11:45:00	11.138,53	7.460,34	20.240,28
30.07.2019	12:00:00	11.099,03	6.585,94	18.920,05
30.07.2019	12:15:00	10.941,59	6.036,75	17.853,54
30.07.2019	12:30:00	10.781,90	5.805,14	17.403,58
30.07.2019	12:45:00	10.630,98	5.458,46	17.071,29
30.07.2019	13:00:00	10.525,40	5.358,04	17.259,16
30.07.2019	13:15:00	10.355,18	5.296,60	17.567,44
30.07.2019	13:30:00	10.682,15	5.215,53	17.898,69
30.07.2019	13:45:00	10.378,18	5.120,00	17.733,92
30.07.2019	14:00:00	10.414,79	5.004,65	17.392,18
30.07.2019	14:15:00	10.561,99	5.133,63	17.461,78
30.07.2019	14:30:00	10.510,83	5.126,08	17.389,80
30.07.2019	14:45:00	10.561,40	5.209,07	17.384,78
30.07.2019	15:00:00	10.494,20	5.209,36	17.334,88
30.07.2019	15:15:00	10.541,64	5.274,90	17.164,87
30.07.2019	15:30:00	10.721,04	5.511,98	17.089,04
30.07.2019	15:45:00	10.872,61	5.770,19	17.020,98
30.07.2019	16:00:00	10.816,72	5.913,73	16.907,36
30.07.2019	16:15:00	10.489,84	6.381,16	16.911,16
30.07.2019	16:30:00	11.693,80	7.255,44	17.608,53
30.07.2019	16:45:00	10.236,14	8.862,91	19.154,10
30.07.2019	17:00:00	10.346,20	8.928,63	19.018,77

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.07.2019	17:15:00	10.617,90	7.166,92	16.777,36
30.07.2019	17:30:00	11.552,87	7.375,61	16.792,15
30.07.2019	17:45:00	11.846,45	7.911,02	17.299,65
30.07.2019	18:00:00	11.760,73	8.176,65	17.229,86
30.07.2019	18:15:00	11.400,06	8.570,86	17.541,76
30.07.2019	18:30:00	10.387,29	9.620,70	18.497,62
30.07.2019	18:45:00	10.697,11	9.380,17	17.966,52
30.07.2019	19:00:00	10.325,08	9.593,25	17.981,31
30.07.2019	19:15:00	10.421,10	9.810,55	18.234,55
30.07.2019	19:30:00	10.515,57	9.663,45	18.048,04
30.07.2019	19:45:00	10.142,08	9.663,37	18.042,02
30.07.2019	20:00:00	10.226,35	9.570,10	17.808,22
30.07.2019	20:15:00	10.131,53	9.709,54	17.818,46
30.07.2019	20:30:00	9.924,49	9.698,35	17.658,12
30.07.2019	20:45:00	10.032,96	9.934,94	17.625,77
30.07.2019	21:00:00	9.821,45	9.759,40	17.301,84
30.07.2019	21:15:00	9.861,73	9.837,09	17.428,70
30.07.2019	21:30:00	10.204,46	10.178,47	17.673,93
30.07.2019	21:45:00	10.202,45	10.086,24	17.341,14
30.07.2019	22:00:00	10.031,66	9.898,19	16.985,84
30.07.2019	22:15:00	9.743,15	9.606,45	16.334,96
30.07.2019	22:30:00	9.383,63	9.246,10	15.789,70
30.07.2019	22:45:00	9.060,36	8.911,52	15.125,34
30.07.2019	23:00:00	8.669,53	8.518,85	14.723,54
30.07.2019	23:15:00	8.232,47	8.080,15	14.094,48
30.07.2019	23:30:00	7.776,64	7.633,23	13.476,02
30.07.2019	23:45:00	7.419,79	7.339,59	12.996,74
31.07.2019	00:00:00	7.062,49	6.958,87	12.568,43
31.07.2019	00:15:00	6.748,29	6.646,67	12.132,38
31.07.2019	00:30:00	6.403,08	6.330,25	11.870,46
31.07.2019	00:45:00	6.235,05	6.173,99	11.626,46
31.07.2019	01:00:00	6.093,73	6.036,49	11.609,54
31.07.2019	01:15:00	5.970,56	5.943,98	11.519,22
31.07.2019	01:30:00	5.871,94	5.850,66	11.394,06
31.07.2019	01:45:00	5.770,25	5.749,67	11.217,63
31.07.2019	02:00:00	5.698,30	5.677,42	11.124,25
31.07.2019	02:15:00	5.590,28	5.569,99	11.000,54
31.07.2019	02:30:00	5.536,52	5.514,94	10.922,82
31.07.2019	02:45:00	5.529,70	5.506,41	10.840,87
31.07.2019	03:00:00	5.549,51	5.490,62	10.809,66
31.07.2019	03:15:00	5.460,97	5.386,95	10.759,22
31.07.2019	03:30:00	5.456,22	5.384,79	10.758,94
31.07.2019	03:45:00	5.460,43	5.394,56	10.738,52
31.07.2019	04:00:00	5.423,16	5.377,78	10.723,94
31.07.2019	04:15:00	5.559,88	5.535,43	11.280,82
31.07.2019	04:30:00	5.641,15	5.619,22	11.365,10
31.07.2019	04:45:00	5.820,38	5.753,57	11.611,82
31.07.2019	05:00:00	5.882,65	5.848,17	11.977,48
31.07.2019	05:15:00	6.307,23	6.270,19	12.646,56
31.07.2019	05:30:00	6.357,20	6.333,73	13.077,16
31.07.2019	05:45:00	6.605,54	6.608,87	13.795,28
31.07.2019	06:00:00	6.832,75	6.837,50	14.791,80
31.07.2019	06:15:00	6.871,00	6.876,02	15.849,07
31.07.2019	06:30:00	7.143,66	7.157,98	16.869,58
31.07.2019	06:45:00	7.477,25	7.415,00	17.627,07
31.07.2019	07:00:00	7.868,62	7.742,13	18.566,54
31.07.2019	07:15:00	8.282,92	8.073,89	19.491,10
31.07.2019	07:30:00	8.602,15	8.272,67	20.201,79
31.07.2019	07:45:00	8.800,23	8.263,77	20.027,32
31.07.2019	08:00:00	8.937,37	8.279,13	20.293,24
31.07.2019	08:15:00	8.638,85	7.678,86	19.899,20
31.07.2019	08:30:00	8.594,12	7.195,99	19.528,02
31.07.2019	08:45:00	9.301,47	8.227,28	20.625,24
31.07.2019	09:00:00	9.713,20	8.801,45	21.255,36
31.07.2019	09:15:00	9.860,52	8.697,95	20.503,43
31.07.2019	09:30:00	9.738,46	8.575,19	20.764,86
31.07.2019	09:45:00	10.154,00	8.998,54	21.410,46
31.07.2019	10:00:00	9.760,39	7.697,60	19.980,58
31.07.2019	10:15:00	10.593,71	7.175,13	19.732,35
31.07.2019	10:30:00	8.551,56	6.853,66	19.491,05
31.07.2019	10:45:00	9.958,52	6.475,91	18.783,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.07.2019	11:00:00	10.425,34	6.674,86	19.260,38
31.07.2019	11:15:00	9.183,97	7.528,29	20.085,53
31.07.2019	11:30:00	9.902,02	6.768,76	19.330,75
31.07.2019	11:45:00	11.453,31	7.772,41	20.357,34
31.07.2019	12:00:00	10.734,65	7.446,41	19.737,62
31.07.2019	12:15:00	9.985,30	7.891,84	19.838,72
31.07.2019	12:30:00	10.779,42	7.205,76	18.435,88
31.07.2019	12:45:00	11.428,22	6.099,03	17.355,58
31.07.2019	13:00:00	11.520,54	7.146,78	18.871,57
31.07.2019	13:15:00	11.306,69	6.323,51	18.080,31
31.07.2019	13:30:00	10.384,21	7.878,30	19.784,19
31.07.2019	13:45:00	10.697,54	5.673,75	17.548,02
31.07.2019	14:00:00	10.609,39	8.699,57	20.770,22
31.07.2019	14:15:00	10.691,62	8.359,47	20.200,10
31.07.2019	14:30:00	11.204,67	4.852,74	16.189,93
31.07.2019	14:45:00	10.227,27	7.082,95	18.558,28
31.07.2019	15:00:00	10.363,97	6.536,36	17.932,88
31.07.2019	15:15:00	10.370,22	7.360,45	18.573,26
31.07.2019	15:30:00	10.094,77	8.700,39	19.888,59
31.07.2019	15:45:00	10.359,98	8.231,45	18.944,67
31.07.2019	16:00:00	10.815,89	6.701,03	16.961,15
31.07.2019	16:15:00	10.676,77	5.586,26	15.427,93
31.07.2019	16:30:00	11.258,39	6.686,24	16.463,44
31.07.2019	16:45:00	10.760,07	7.555,69	17.300,86
31.07.2019	17:00:00	10.154,07	7.098,59	16.551,55
31.07.2019	17:15:00	10.758,98	6.669,98	15.770,38
31.07.2019	17:30:00	10.184,69	8.177,87	17.267,42
31.07.2019	17:45:00	10.362,86	9.196,50	18.375,63
31.07.2019	18:00:00	11.401,33	7.931,73	16.836,96
31.07.2019	18:15:00	10.801,00	8.413,23	16.925,78
31.07.2019	18:30:00	10.231,19	8.845,32	17.239,70
31.07.2019	18:45:00	11.137,15	8.979,35	17.203,54
31.07.2019	19:00:00	11.107,99	9.095,83	17.194,06
31.07.2019	19:15:00	10.265,60	9.430,83	17.649,51
31.07.2019	19:30:00	10.364,24	9.521,82	17.617,31
31.07.2019	19:45:00	10.200,23	9.395,16	17.532,77
31.07.2019	20:00:00	9.901,37	9.469,66	17.388,38
31.07.2019	20:15:00	9.832,03	9.515,99	17.292,02
31.07.2019	20:30:00	9.743,38	9.492,80	17.059,24
31.07.2019	20:45:00	9.699,23	9.483,91	16.982,20
31.07.2019	21:00:00	9.668,84	9.500,25	16.809,12
31.07.2019	21:15:00	10.054,17	9.890,99	17.223,22
31.07.2019	21:30:00	10.486,64	10.322,96	17.661,83
31.07.2019	21:45:00	10.104,28	9.921,01	17.066,00
31.07.2019	22:00:00	9.834,55	9.614,59	16.550,60
31.07.2019	22:15:00	9.627,51	9.408,25	16.220,54
31.07.2019	22:30:00	9.312,39	9.098,00	15.606,32
31.07.2019	22:45:00	8.963,47	8.782,70	14.959,95
31.07.2019	23:00:00	8.553,11	8.374,51	14.507,10
31.07.2019	23:15:00	8.078,08	7.897,58	13.906,83
31.07.2019	23:30:00	7.666,06	7.462,98	13.323,50
31.07.2019	23:45:00	7.312,28	7.100,04	12.949,36
01.08.2019	00:00:00	6.905,37	6.724,58	12.455,64
01.08.2019	00:15:00	6.612,00	6.432,04	12.190,40
01.08.2019	00:30:00	6.386,69	6.199,82	11.846,40
01.08.2019	00:45:00	6.238,04	6.048,81	11.648,27
01.08.2019	01:00:00	6.060,74	5.879,90	11.415,90
01.08.2019	01:15:00	5.884,08	5.742,86	11.438,40
01.08.2019	01:30:00	5.844,07	5.854,80	11.632,10
01.08.2019	01:45:00	5.669,83	5.725,45	11.458,72
01.08.2019	02:00:00	5.548,30	5.607,91	11.173,47
01.08.2019	02:15:00	5.490,64	5.583,04	11.013,40
01.08.2019	02:30:00	5.504,00	5.598,99	10.890,15
01.08.2019	02:45:00	5.482,05	5.580,53	11.064,23
01.08.2019	03:00:00	5.456,51	5.554,45	10.767,14
01.08.2019	03:15:00	5.461,86	5.556,08	10.517,20
01.08.2019	03:30:00	5.378,54	5.472,88	10.488,52
01.08.2019	03:45:00	5.422,92	5.517,03	10.534,24
01.08.2019	04:00:00	5.451,61	5.546,03	10.478,14
01.08.2019	04:15:00	5.504,43	5.602,69	10.624,95
01.08.2019	04:30:00	5.595,27	5.692,00	10.756,55

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.08.2019	04:45:00	5.692,47	5.783,13	11.044,79
01.08.2019	05:00:00	5.757,27	5.802,33	11.264,65
01.08.2019	05:15:00	6.190,44	6.228,58	11.816,17
01.08.2019	05:30:00	6.121,97	6.193,24	11.978,40
01.08.2019	05:45:00	6.281,59	6.392,50	12.788,03
01.08.2019	06:00:00	6.272,51	6.380,71	13.152,67
01.08.2019	06:15:00	6.536,39	6.633,25	14.784,00
01.08.2019	06:30:00	6.943,35	6.833,54	15.780,32
01.08.2019	06:45:00	7.177,50	7.008,69	16.362,95
01.08.2019	07:00:00	7.560,80	7.344,47	17.212,07
01.08.2019	07:15:00	7.625,11	7.289,30	17.711,65
01.08.2019	07:30:00	7.756,38	7.359,95	18.091,29
01.08.2019	07:45:00	7.884,60	7.430,17	18.352,68
01.08.2019	08:00:00	8.045,71	7.468,65	18.517,53
01.08.2019	08:15:00	8.058,58	7.381,12	18.752,18
01.08.2019	08:30:00	8.075,62	7.175,74	18.657,54
01.08.2019	08:45:00	8.215,38	7.036,50	18.682,92
01.08.2019	09:00:00	8.343,34	6.846,01	18.606,73
01.08.2019	09:15:00	8.586,72	6.720,48	18.007,45
01.08.2019	09:30:00	8.597,09	6.423,78	18.105,08
01.08.2019	09:45:00	8.930,29	6.435,04	18.206,40
01.08.2019	10:00:00	9.091,26	6.098,03	18.100,44
01.08.2019	10:15:00	9.283,27	5.896,88	17.915,08
01.08.2019	10:30:00	9.341,57	5.681,87	17.782,58
01.08.2019	10:45:00	9.172,51	5.550,35	17.868,07
01.08.2019	11:00:00	9.692,13	5.501,40	18.078,03
01.08.2019	11:15:00	9.833,66	5.666,97	18.089,74
01.08.2019	11:30:00	10.135,30	5.724,39	18.280,43
01.08.2019	11:45:00	10.201,81	6.170,55	18.811,56
01.08.2019	12:00:00	10.935,30	5.910,88	18.195,93
01.08.2019	12:15:00	10.693,69	5.474,93	17.285,92
01.08.2019	12:30:00	10.477,51	5.368,69	16.904,75
01.08.2019	12:45:00	9.377,60	5.210,63	16.622,20
01.08.2019	13:00:00	10.401,17	4.782,11	16.193,16
01.08.2019	13:15:00	10.141,41	4.403,10	16.219,50
01.08.2019	13:30:00	10.124,25	4.324,96	16.219,64
01.08.2019	13:45:00	10.391,71	4.489,00	16.540,12
01.08.2019	14:00:00	10.344,04	4.471,46	16.631,06
01.08.2019	14:15:00	10.269,14	4.396,24	16.540,17
01.08.2019	14:30:00	10.032,69	4.501,60	16.333,47
01.08.2019	14:45:00	10.329,65	4.546,46	15.937,75
01.08.2019	15:00:00	10.513,98	4.735,32	16.153,96
01.08.2019	15:15:00	10.508,25	4.813,80	15.966,25
01.08.2019	15:30:00	10.768,07	5.164,11	16.328,93
01.08.2019	15:45:00	10.609,17	5.835,23	16.718,67
01.08.2019	16:00:00	10.499,27	5.169,18	15.697,68
01.08.2019	16:15:00	10.852,70	5.528,53	15.716,26
01.08.2019	16:30:00	10.273,90	6.602,91	16.595,99
01.08.2019	16:45:00	10.674,06	6.663,06	16.261,24
01.08.2019	17:00:00	11.268,36	6.530,40	16.022,24
01.08.2019	17:15:00	11.115,38	6.750,60	15.790,60
01.08.2019	17:30:00	11.003,21	7.101,79	15.927,65
01.08.2019	17:45:00	11.100,53	8.319,88	17.201,08
01.08.2019	18:00:00	11.400,17	7.955,40	16.808,20
01.08.2019	18:15:00	11.211,38	8.280,32	16.834,15
01.08.2019	18:30:00	11.438,26	8.580,56	16.831,54
01.08.2019	18:45:00	10.915,75	8.833,41	16.961,22
01.08.2019	19:00:00	10.468,50	9.559,17	17.783,97
01.08.2019	19:15:00	10.253,71	9.578,40	17.899,98
01.08.2019	19:30:00	10.400,07	9.535,56	17.832,90
01.08.2019	19:45:00	10.169,07	9.563,84	17.436,17
01.08.2019	20:00:00	10.033,39	9.515,68	17.177,86
01.08.2019	20:15:00	9.938,85	9.419,29	16.847,22
01.08.2019	20:30:00	9.847,43	9.505,39	16.910,21
01.08.2019	20:45:00	9.580,73	9.461,94	16.762,22
01.08.2019	21:00:00	9.460,01	9.433,86	16.416,93
01.08.2019	21:15:00	9.537,07	9.494,36	16.628,73
01.08.2019	21:30:00	10.103,68	10.038,93	17.155,42
01.08.2019	21:45:00	10.012,08	9.897,13	16.793,64
01.08.2019	22:00:00	9.688,02	9.581,01	16.199,54
01.08.2019	22:15:00	9.360,23	9.248,83	15.643,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.08.2019	22:30:00	9.095,69	8.999,02	15.254,04
01.08.2019	22:45:00	8.815,18	8.748,56	14.503,39
01.08.2019	23:00:00	8.482,43	8.430,70	14.134,69
01.08.2019	23:15:00	8.049,34	7.998,72	13.528,51
01.08.2019	23:30:00	7.610,29	7.553,05	12.978,93
01.08.2019	23:45:00	7.147,49	7.060,84	12.386,99
02.08.2019	00:00:00	6.840,38	6.681,70	12.033,56
02.08.2019	00:15:00	6.569,50	6.410,01	11.697,65
02.08.2019	00:30:00	6.299,90	6.164,68	11.493,18
02.08.2019	00:45:00	6.151,48	6.023,78	11.427,10
02.08.2019	01:00:00	6.008,06	5.888,18	11.516,40
02.08.2019	01:15:00	5.796,43	5.655,70	11.274,96
02.08.2019	01:30:00	5.662,33	5.527,90	11.143,20
02.08.2019	01:45:00	5.562,68	5.444,08	10.982,52
02.08.2019	02:00:00	5.495,74	5.407,84	10.925,90
02.08.2019	02:15:00	5.409,68	5.323,00	10.728,77
02.08.2019	02:30:00	5.401,00	5.310,56	10.811,57
02.08.2019	02:45:00	5.354,39	5.220,65	10.755,80
02.08.2019	03:00:00	5.335,55	5.224,93	10.677,24
02.08.2019	03:15:00	5.349,82	5.233,63	10.574,94
02.08.2019	03:30:00	5.336,61	5.219,61	10.718,64
02.08.2019	03:45:00	5.323,18	5.203,25	10.564,55
02.08.2019	04:00:00	5.352,83	5.230,42	10.503,52
02.08.2019	04:15:00	5.388,31	5.266,02	10.765,57
02.08.2019	04:30:00	5.481,02	5.358,07	10.827,90
02.08.2019	04:45:00	5.653,76	5.536,47	10.941,10
02.08.2019	05:00:00	5.659,94	5.539,84	11.244,05
02.08.2019	05:15:00	6.081,25	5.905,34	12.018,88
02.08.2019	05:30:00	6.196,45	6.031,15	12.489,99
02.08.2019	05:45:00	6.435,81	6.315,12	13.259,02
02.08.2019	06:00:00	6.324,93	6.220,94	13.597,61
02.08.2019	06:15:00	6.656,56	6.568,37	15.143,68
02.08.2019	06:30:00	6.998,39	6.834,64	16.127,49
02.08.2019	06:45:00	7.190,72	6.891,62	16.456,49
02.08.2019	07:00:00	7.665,66	7.319,61	17.495,71
02.08.2019	07:15:00	7.921,04	7.341,73	17.832,60
02.08.2019	07:30:00	8.177,12	7.619,80	18.481,06
02.08.2019	07:45:00	8.526,60	7.842,84	19.247,52
02.08.2019	08:00:00	8.741,28	7.898,12	19.721,11
02.08.2019	08:15:00	9.018,14	8.028,68	20.124,30
02.08.2019	08:30:00	9.098,26	8.148,87	20.176,42
02.08.2019	08:45:00	9.337,36	8.252,26	20.449,41
02.08.2019	09:00:00	9.490,49	8.421,69	20.376,94
02.08.2019	09:15:00	9.961,04	8.790,93	20.397,57
02.08.2019	09:30:00	9.980,97	8.573,37	20.160,72
02.08.2019	09:45:00	10.177,59	8.988,58	21.120,71
02.08.2019	10:00:00	10.373,89	9.125,59	21.340,36
02.08.2019	10:15:00	10.403,38	8.505,66	20.568,31
02.08.2019	10:30:00	10.229,28	8.411,41	20.316,54
02.08.2019	10:45:00	10.750,87	8.788,61	20.872,52
02.08.2019	11:00:00	10.857,90	8.564,79	20.821,19
02.08.2019	11:15:00	10.845,56	9.406,07	21.542,98
02.08.2019	11:30:00	10.991,56	8.810,10	20.715,10
02.08.2019	11:45:00	10.816,58	8.177,33	19.831,16
02.08.2019	12:00:00	10.751,49	8.122,67	19.430,61
02.08.2019	12:15:00	11.422,83	9.239,31	20.392,86
02.08.2019	12:30:00	11.274,07	9.140,75	20.202,36
02.08.2019	12:45:00	11.310,37	7.942,38	18.837,88
02.08.2019	13:00:00	10.497,65	6.909,47	17.827,32
02.08.2019	13:15:00	9.658,62	6.658,28	17.800,88
02.08.2019	13:30:00	10.057,64	6.240,11	17.336,83
02.08.2019	13:45:00	9.778,39	4.554,71	15.308,48
02.08.2019	14:00:00	9.600,90	4.268,73	15.039,80
02.08.2019	14:15:00	10.062,12	4.397,43	14.810,63
02.08.2019	14:30:00	11.548,62	5.938,75	16.458,06
02.08.2019	14:45:00	11.387,48	5.970,73	16.222,18
02.08.2019	15:00:00	10.801,99	7.729,42	17.867,12
02.08.2019	15:15:00	9.901,52	6.841,41	16.568,23
02.08.2019	15:30:00	10.211,26	4.573,93	13.990,42
02.08.2019	15:45:00	10.158,27	6.266,92	15.553,71
02.08.2019	16:00:00	9.588,53	7.090,78	16.371,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.08.2019	16:15:00	9.646,28	6.846,07	15.708,43
02.08.2019	16:30:00	9.612,88	6.692,87	15.246,04
02.08.2019	16:45:00	9.365,18	6.550,96	15.097,92
02.08.2019	17:00:00	10.701,12	7.195,47	15.934,07
02.08.2019	17:15:00	9.554,99	8.245,73	16.688,47
02.08.2019	17:30:00	9.954,93	8.883,31	17.245,16
02.08.2019	17:45:00	10.118,99	8.727,61	17.124,78
02.08.2019	18:00:00	10.055,44	9.096,41	17.246,32
02.08.2019	18:15:00	10.107,46	9.460,19	17.483,98
02.08.2019	18:30:00	10.206,04	9.497,89	17.402,71
02.08.2019	18:45:00	9.951,02	9.275,78	16.893,14
02.08.2019	19:00:00	10.046,93	8.828,83	16.328,92
02.08.2019	19:15:00	9.773,31	8.732,11	16.267,36
02.08.2019	19:30:00	10.192,22	8.847,52	16.230,48
02.08.2019	19:45:00	9.896,07	9.109,17	16.196,03
02.08.2019	20:00:00	9.622,97	9.160,02	16.109,30
02.08.2019	20:15:00	9.392,75	9.078,92	15.794,22
02.08.2019	20:30:00	9.392,45	9.215,62	15.568,58
02.08.2019	20:45:00	9.403,32	9.271,73	15.563,62
02.08.2019	21:00:00	9.451,68	9.330,95	15.521,06
02.08.2019	21:15:00	9.484,19	9.361,53	15.449,50
02.08.2019	21:30:00	10.057,02	9.943,51	16.126,34
02.08.2019	21:45:00	9.878,18	9.762,73	15.856,06
02.08.2019	22:00:00	9.567,93	9.449,84	15.400,15
02.08.2019	22:15:00	9.373,17	9.251,55	15.169,09
02.08.2019	22:30:00	9.154,68	9.031,90	14.764,76
02.08.2019	22:45:00	8.876,76	8.749,51	14.159,64
02.08.2019	23:00:00	8.640,68	8.511,73	13.944,49
02.08.2019	23:15:00	8.218,76	8.085,81	13.339,19
02.08.2019	23:30:00	7.854,67	7.717,96	12.927,68
02.08.2019	23:45:00	7.421,79	7.280,48	12.452,55
03.08.2019	00:00:00	7.056,43	6.914,15	12.009,78
03.08.2019	00:15:00	6.850,74	6.702,80	11.636,22
03.08.2019	00:30:00	6.565,21	6.417,33	11.405,90
03.08.2019	00:45:00	6.361,13	6.211,57	11.134,90
03.08.2019	01:00:00	6.173,56	6.032,59	11.019,37
03.08.2019	01:15:00	6.100,29	5.987,28	11.054,79
03.08.2019	01:30:00	5.911,08	5.808,19	10.903,26
03.08.2019	01:45:00	5.770,05	5.660,76	10.583,52
03.08.2019	02:00:00	5.628,97	5.519,62	10.537,98
03.08.2019	02:15:00	5.555,94	5.445,10	10.359,24
03.08.2019	02:30:00	5.501,97	5.395,84	10.098,14
03.08.2019	02:45:00	5.435,44	5.331,82	10.137,04
03.08.2019	03:00:00	5.358,32	5.292,52	9.995,66
03.08.2019	03:15:00	5.329,00	5.238,36	9.803,90
03.08.2019	03:30:00	5.240,25	5.104,99	9.477,79
03.08.2019	03:45:00	5.269,77	5.133,06	9.414,81
03.08.2019	04:00:00	5.284,42	5.149,07	9.197,51
03.08.2019	04:15:00	5.372,57	5.237,87	9.366,75
03.08.2019	04:30:00	5.454,49	5.320,18	9.408,95
03.08.2019	04:45:00	5.536,19	5.405,98	9.560,32
03.08.2019	05:00:00	5.544,63	5.415,58	9.737,33
03.08.2019	05:15:00	5.643,66	5.520,27	9.883,76
03.08.2019	05:30:00	5.639,39	5.609,28	10.023,38
03.08.2019	05:45:00	5.816,42	5.796,23	10.363,98
03.08.2019	06:00:00	5.691,63	5.673,89	10.267,72
03.08.2019	06:15:00	5.831,65	5.817,53	10.732,76
03.08.2019	06:30:00	5.992,39	5.931,83	10.772,53
03.08.2019	06:45:00	6.183,71	6.048,59	10.951,31
03.08.2019	07:00:00	6.419,65	6.211,48	11.228,34
03.08.2019	07:15:00	6.481,07	6.192,74	11.291,94
03.08.2019	07:30:00	6.480,16	6.120,40	11.305,23
03.08.2019	07:45:00	6.703,32	6.279,74	11.487,79
03.08.2019	08:00:00	6.905,38	6.427,76	11.776,00
03.08.2019	08:15:00	6.959,41	6.293,79	11.600,36
03.08.2019	08:30:00	7.070,35	6.041,89	11.403,18
03.08.2019	08:45:00	7.462,68	6.068,47	11.598,19
03.08.2019	09:00:00	8.258,29	6.707,30	12.520,96
03.08.2019	09:15:00	8.919,35	7.559,60	13.446,22
03.08.2019	09:30:00	8.827,78	6.632,38	12.551,52
03.08.2019	09:45:00	9.400,74	7.740,51	13.676,04

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.08.2019	10:00:00	9.876,89	9.199,30	15.234,87
03.08.2019	10:15:00	9.936,68	9.626,78	15.787,87
03.08.2019	10:30:00	10.087,62	8.666,69	14.576,49
03.08.2019	10:45:00	10.060,34	7.954,46	13.782,78
03.08.2019	11:00:00	10.232,20	6.651,43	12.538,58
03.08.2019	11:15:00	10.628,09	8.598,66	14.486,33
03.08.2019	11:30:00	10.853,33	9.111,98	15.050,64
03.08.2019	11:45:00	10.713,45	8.295,19	14.110,13
03.08.2019	12:00:00	9.721,24	6.770,89	12.392,90
03.08.2019	12:15:00	10.963,60	8.654,42	14.287,89
03.08.2019	12:30:00	11.232,80	8.936,89	14.441,89
03.08.2019	12:45:00	10.792,03	9.248,43	14.730,88
03.08.2019	13:00:00	10.024,40	7.643,23	12.984,59
03.08.2019	13:15:00	10.875,52	6.571,04	11.976,56
03.08.2019	13:30:00	9.652,25	6.699,59	12.039,65
03.08.2019	13:45:00	9.068,14	4.188,69	9.395,33
03.08.2019	14:00:00	10.270,62	6.100,67	11.523,78
03.08.2019	14:15:00	9.917,80	8.435,80	13.761,12
03.08.2019	14:30:00	9.637,06	8.391,13	13.565,02
03.08.2019	14:45:00	9.398,80	7.639,10	12.772,09
03.08.2019	15:00:00	9.570,38	7.328,00	12.393,24
03.08.2019	15:15:00	9.324,12	8.008,99	13.023,74
03.08.2019	15:30:00	9.013,26	6.727,79	11.781,60
03.08.2019	15:45:00	9.202,26	6.021,20	10.983,24
03.08.2019	16:00:00	8.999,56	7.729,68	12.818,45
03.08.2019	16:15:00	8.858,08	6.784,22	11.874,19
03.08.2019	16:30:00	9.739,00	5.287,62	10.340,39
03.08.2019	16:45:00	9.498,24	5.677,07	10.735,72
03.08.2019	17:00:00	8.888,15	5.922,95	11.093,33
03.08.2019	17:15:00	9.272,73	6.045,90	11.071,93
03.08.2019	17:30:00	9.193,08	7.263,93	12.290,04
03.08.2019	17:45:00	9.301,42	6.654,03	11.690,50
03.08.2019	18:00:00	10.128,88	6.298,47	11.006,90
03.08.2019	18:15:00	10.036,48	6.730,35	11.386,65
03.08.2019	18:30:00	9.976,08	7.076,10	11.769,21
03.08.2019	18:45:00	10.013,41	7.451,79	12.053,94
03.08.2019	19:00:00	9.907,76	7.763,52	12.392,01
03.08.2019	19:15:00	9.649,56	8.030,64	12.725,58
03.08.2019	19:30:00	9.265,68	8.322,26	13.009,26
03.08.2019	19:45:00	9.032,19	8.359,51	13.107,57
03.08.2019	20:00:00	9.004,12	8.352,34	12.990,82
03.08.2019	20:15:00	8.892,17	8.412,25	12.865,19
03.08.2019	20:30:00	8.767,86	8.410,29	12.772,95
03.08.2019	20:45:00	8.831,40	8.533,44	12.897,36
03.08.2019	21:00:00	8.824,43	8.575,86	12.850,44
03.08.2019	21:15:00	8.898,32	8.664,23	12.807,84
03.08.2019	21:30:00	9.394,35	9.207,09	13.448,61
03.08.2019	21:45:00	9.243,73	9.100,23	13.332,85
03.08.2019	22:00:00	9.038,68	8.957,24	13.123,23
03.08.2019	22:15:00	8.948,99	8.920,38	13.094,66
03.08.2019	22:30:00	8.824,06	8.759,26	13.045,10
03.08.2019	22:45:00	8.706,19	8.575,90	13.042,74
03.08.2019	23:00:00	8.464,79	8.329,91	12.770,71
03.08.2019	23:15:00	8.160,73	8.022,15	12.422,47
03.08.2019	23:30:00	7.803,74	7.658,74	11.987,03
03.08.2019	23:45:00	7.499,71	7.347,93	11.583,26
04.08.2019	00:00:00	7.088,38	6.961,61	11.074,71
04.08.2019	00:15:00	6.836,13	6.730,04	10.740,21
04.08.2019	00:30:00	6.571,48	6.465,05	10.432,97
04.08.2019	00:45:00	6.373,51	6.267,85	10.317,80
04.08.2019	01:00:00	6.193,75	6.093,99	10.156,20
04.08.2019	01:15:00	5.985,94	5.915,16	10.016,64
04.08.2019	01:30:00	5.899,23	5.833,84	9.923,74
04.08.2019	01:45:00	5.799,86	5.722,39	9.706,37
04.08.2019	02:00:00	5.769,23	5.673,05	9.648,38
04.08.2019	02:15:00	5.630,18	5.520,37	9.406,88
04.08.2019	02:30:00	5.532,52	5.422,20	9.318,51
04.08.2019	02:45:00	5.408,16	5.297,57	9.305,43
04.08.2019	03:00:00	5.352,80	5.238,57	9.133,63
04.08.2019	03:15:00	5.367,87	5.252,47	9.116,76
04.08.2019	03:30:00	5.299,90	5.182,81	9.130,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.08.2019	03:45:00	5.223,26	5.106,21	8.998,61
04.08.2019	04:00:00	5.254,04	5.137,65	8.989,92
04.08.2019	04:15:00	5.318,76	5.201,87	9.106,92
04.08.2019	04:30:00	5.291,67	5.176,16	9.018,30
04.08.2019	04:45:00	5.325,09	5.210,21	9.010,29
04.08.2019	05:00:00	5.294,24	5.177,98	8.998,39
04.08.2019	05:15:00	5.362,53	5.216,68	9.154,42
04.08.2019	05:30:00	5.407,62	5.254,73	9.144,70
04.08.2019	05:45:00	5.313,80	5.156,83	9.006,75
04.08.2019	06:00:00	5.120,64	4.975,59	8.819,29
04.08.2019	06:15:00	5.213,36	5.030,20	8.881,99
04.08.2019	06:30:00	5.279,48	5.030,80	9.005,82
04.08.2019	06:45:00	5.408,19	5.092,94	8.925,55
04.08.2019	07:00:00	5.286,52	4.871,23	8.792,42
04.08.2019	07:15:00	5.444,07	4.961,81	8.879,98
04.08.2019	07:30:00	5.383,12	4.833,59	8.823,32
04.08.2019	07:45:00	5.627,91	5.017,94	8.639,14
04.08.2019	08:00:00	5.914,83	5.314,29	9.018,62
04.08.2019	08:15:00	5.914,83	5.211,34	8.792,79
04.08.2019	08:30:00	5.963,97	4.967,87	8.552,37
04.08.2019	08:45:00	6.036,19	4.636,32	8.279,00
04.08.2019	09:00:00	6.250,34	4.598,79	8.142,56
04.08.2019	09:15:00	6.489,28	4.452,76	8.039,19
04.08.2019	09:30:00	6.832,18	4.474,95	8.132,40
04.08.2019	09:45:00	7.101,15	4.406,02	8.045,98
04.08.2019	10:00:00	7.332,31	4.332,68	7.937,32
04.08.2019	10:15:00	7.637,49	4.286,67	8.066,99
04.08.2019	10:30:00	7.740,04	4.071,54	7.796,86
04.08.2019	10:45:00	7.944,65	3.999,41	7.656,08
04.08.2019	11:00:00	8.153,85	3.942,95	7.719,44
04.08.2019	11:15:00	8.377,36	3.865,59	7.555,18
04.08.2019	11:30:00	8.813,80	4.062,08	7.814,22
04.08.2019	11:45:00	9.043,17	4.100,71	7.945,85
04.08.2019	12:00:00	9.233,17	4.085,90	7.831,78
04.08.2019	12:15:00	9.151,91	3.737,56	7.447,52
04.08.2019	12:30:00	9.109,59	3.528,26	7.378,30
04.08.2019	12:45:00	9.039,02	3.352,98	7.128,47
04.08.2019	13:00:00	8.818,32	3.061,29	6.779,96
04.08.2019	13:15:00	8.815,18	2.960,39	6.781,99
04.08.2019	13:30:00	8.765,54	2.861,63	6.668,95
04.08.2019	13:45:00	8.750,09	2.790,22	6.624,98
04.08.2019	14:00:00	8.501,82	2.531,01	6.621,93
04.08.2019	14:15:00	8.382,95	2.508,85	6.626,00
04.08.2019	14:30:00	8.302,37	2.464,72	6.484,02
04.08.2019	14:45:00	8.442,89	2.588,90	6.660,66
04.08.2019	15:00:00	8.367,41	2.533,62	6.533,98
04.08.2019	15:15:00	8.329,61	2.570,66	6.498,52
04.08.2019	15:30:00	8.348,59	2.685,66	6.755,10
04.08.2019	15:45:00	8.427,39	2.875,18	6.954,72
04.08.2019	16:00:00	8.437,20	2.987,48	6.956,88
04.08.2019	16:15:00	8.621,08	3.196,80	7.225,84
04.08.2019	16:30:00	8.885,60	3.642,78	7.776,46
04.08.2019	16:45:00	8.916,26	4.041,24	8.189,32
04.08.2019	17:00:00	9.065,36	4.241,76	8.495,84
04.08.2019	17:15:00	9.035,17	4.456,39	8.752,98
04.08.2019	17:30:00	9.168,84	4.930,18	9.255,62
04.08.2019	17:45:00	9.473,46	5.665,91	10.024,12
04.08.2019	18:00:00	9.581,21	5.937,65	10.265,03
04.08.2019	18:15:00	9.586,36	6.313,84	10.523,61
04.08.2019	18:30:00	9.771,61	6.823,07	11.024,96
04.08.2019	18:45:00	9.818,65	7.180,00	11.394,96
04.08.2019	19:00:00	9.771,11	7.541,93	11.715,98
04.08.2019	19:15:00	9.803,45	8.001,36	12.337,32
04.08.2019	19:30:00	9.441,71	8.069,21	12.568,66
04.08.2019	19:45:00	9.170,14	8.195,77	12.589,34
04.08.2019	20:00:00	8.916,88	8.431,87	12.779,83
04.08.2019	20:15:00	8.838,12	8.583,61	12.946,08
04.08.2019	20:30:00	8.897,14	8.715,40	13.019,64
04.08.2019	20:45:00	8.863,83	8.747,88	13.046,08
04.08.2019	21:00:00	8.785,07	8.682,49	12.946,60
04.08.2019	21:15:00	8.973,96	8.848,96	13.148,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.08.2019	21:30:00	9.449,60	9.328,43	13.689,90
04.08.2019	21:45:00	9.307,70	9.186,38	13.546,09
04.08.2019	22:00:00	9.137,27	9.012,78	13.339,30
04.08.2019	22:15:00	8.927,30	8.800,29	13.310,83
04.08.2019	22:30:00	8.642,41	8.513,21	13.179,77
04.08.2019	22:45:00	8.377,44	8.245,29	12.749,80
04.08.2019	23:00:00	8.069,37	7.934,01	12.439,07
04.08.2019	23:15:00	7.660,38	7.520,65	11.948,11
04.08.2019	23:30:00	7.283,53	7.141,31	11.620,65
04.08.2019	23:45:00	6.964,13	6.821,11	11.128,46
05.08.2019	00:00:00	6.582,48	6.435,83	10.521,06
05.08.2019	00:15:00	6.267,74	6.116,43	10.144,36
05.08.2019	00:30:00	5.993,76	5.840,24	10.037,70
05.08.2019	00:45:00	5.804,26	5.649,78	9.836,63
05.08.2019	01:00:00	5.763,86	5.619,11	9.819,20
05.08.2019	01:15:00	5.667,20	5.551,10	9.807,09
05.08.2019	01:30:00	5.512,03	5.401,00	9.680,26
05.08.2019	01:45:00	5.515,60	5.404,76	9.545,40
05.08.2019	02:00:00	5.384,63	5.273,14	9.353,88
05.08.2019	02:15:00	5.313,96	5.201,61	9.286,78
05.08.2019	02:30:00	5.313,30	5.201,81	9.317,78
05.08.2019	02:45:00	5.215,65	5.102,29	9.263,95
05.08.2019	03:00:00	5.156,15	5.042,44	9.201,35
05.08.2019	03:15:00	5.174,90	5.060,95	9.224,38
05.08.2019	03:30:00	5.211,54	5.097,98	9.358,10
05.08.2019	03:45:00	5.223,86	5.121,91	9.401,11
05.08.2019	04:00:00	5.196,60	5.141,46	9.373,35
05.08.2019	04:15:00	5.246,84	5.213,95	9.620,89
05.08.2019	04:30:00	5.398,86	5.367,84	10.080,16
05.08.2019	04:45:00	5.521,22	5.488,95	10.152,81
05.08.2019	05:00:00	5.556,40	5.488,51	10.482,38
05.08.2019	05:15:00	5.863,75	5.753,34	11.434,35
05.08.2019	05:30:00	5.957,10	5.850,98	11.808,54
05.08.2019	05:45:00	6.248,38	6.184,45	12.727,64
05.08.2019	06:00:00	6.380,26	6.318,26	13.900,46
05.08.2019	06:15:00	6.642,35	6.573,24	15.445,92
05.08.2019	06:30:00	6.893,97	6.836,20	16.201,80
05.08.2019	06:45:00	7.116,21	7.047,91	16.747,42
05.08.2019	07:00:00	7.661,14	7.539,52	17.662,99
05.08.2019	07:15:00	7.920,92	7.807,30	18.631,77
05.08.2019	07:30:00	8.326,78	8.139,01	19.323,08
05.08.2019	07:45:00	8.622,13	8.473,83	20.242,56
05.08.2019	08:00:00	8.851,47	8.549,31	20.683,32
05.08.2019	08:15:00	9.031,70	8.713,29	20.965,86
05.08.2019	08:30:00	9.343,68	9.071,73	21.546,76
05.08.2019	08:45:00	9.555,85	9.035,33	21.801,57
05.08.2019	09:00:00	9.695,87	8.726,11	21.154,66
05.08.2019	09:15:00	9.738,63	8.233,02	20.084,85
05.08.2019	09:30:00	9.871,51	8.587,72	20.631,61
05.08.2019	09:45:00	10.045,62	8.789,08	21.016,46
05.08.2019	10:00:00	10.314,91	9.112,89	21.465,62
05.08.2019	10:15:00	10.300,41	8.432,74	20.693,12
05.08.2019	10:30:00	10.302,07	8.848,34	21.374,95
05.08.2019	10:45:00	10.374,85	8.369,05	20.787,52
05.08.2019	11:00:00	10.344,92	8.766,69	21.459,55
05.08.2019	11:15:00	10.061,05	6.946,68	19.709,21
05.08.2019	11:30:00	10.059,39	6.372,92	19.085,10
05.08.2019	11:45:00	10.401,27	6.553,58	19.237,54
05.08.2019	12:00:00	10.654,64	5.939,61	18.322,10
05.08.2019	12:15:00	11.112,28	7.212,05	19.061,16
05.08.2019	12:30:00	10.604,97	5.636,84	17.169,13
05.08.2019	12:45:00	10.602,96	5.442,49	17.001,82
05.08.2019	13:00:00	10.499,67	5.989,66	17.896,15
05.08.2019	13:15:00	10.678,71	6.281,86	18.520,54
05.08.2019	13:30:00	10.645,46	6.046,77	18.426,20
05.08.2019	13:45:00	10.633,49	6.953,61	19.132,14
05.08.2019	14:00:00	10.223,62	7.259,08	19.426,60
05.08.2019	14:15:00	10.417,47	5.972,49	17.607,79
05.08.2019	14:30:00	10.175,98	5.671,99	17.056,60
05.08.2019	14:45:00	9.776,19	5.178,97	16.547,49
05.08.2019	15:00:00	10.204,22	5.330,83	16.713,91

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.08.2019	15:15:00	11.334,40	5.803,19	17.245,04
05.08.2019	15:30:00	9.548,51	7.466,40	18.785,92
05.08.2019	15:45:00	10.128,35	7.888,81	18.705,14
05.08.2019	16:00:00	9.816,41	6.839,98	17.346,65
05.08.2019	16:15:00	10.037,17	6.222,15	16.350,50
05.08.2019	16:30:00	10.059,74	8.280,57	18.469,68
05.08.2019	16:45:00	10.187,39	8.649,84	18.398,71
05.08.2019	17:00:00	10.256,73	9.618,70	19.449,84
05.08.2019	17:15:00	10.478,02	9.700,33	19.083,00
05.08.2019	17:30:00	10.498,90	9.741,16	18.833,54
05.08.2019	17:45:00	10.437,33	9.502,33	18.257,24
05.08.2019	18:00:00	10.482,95	9.768,94	18.641,08
05.08.2019	18:15:00	10.373,33	9.826,22	18.540,04
05.08.2019	18:30:00	10.455,21	10.023,16	18.640,87
05.08.2019	18:45:00	10.378,52	9.760,78	18.180,43
05.08.2019	19:00:00	10.092,45	9.569,59	17.885,84
05.08.2019	19:15:00	9.980,81	9.475,66	17.804,76
05.08.2019	19:30:00	10.068,09	9.579,15	17.742,40
05.08.2019	19:45:00	9.919,08	9.543,33	17.609,06
05.08.2019	20:00:00	9.757,27	9.480,82	17.551,85
05.08.2019	20:15:00	9.794,48	9.567,91	17.484,30
05.08.2019	20:30:00	9.648,60	9.437,91	16.992,64
05.08.2019	20:45:00	9.678,84	9.525,08	17.058,71
05.08.2019	21:00:00	9.549,65	9.443,81	16.882,35
05.08.2019	21:15:00	9.782,99	9.683,28	16.882,08
05.08.2019	21:30:00	10.144,09	10.047,32	17.275,94
05.08.2019	21:45:00	9.886,60	9.786,99	17.081,40
05.08.2019	22:00:00	9.741,12	9.640,77	16.624,73
05.08.2019	22:15:00	9.318,27	9.210,15	16.043,88
05.08.2019	22:30:00	9.087,13	8.976,66	15.499,58
05.08.2019	22:45:00	8.777,00	8.663,04	14.713,23
05.08.2019	23:00:00	8.380,01	8.262,25	14.223,83
05.08.2019	23:15:00	7.938,29	7.817,73	13.666,49
05.08.2019	23:30:00	7.528,26	7.403,88	13.218,33
05.08.2019	23:45:00	7.137,67	7.009,43	12.816,87
06.08.2019	00:00:00	6.770,11	6.637,85	12.339,31
06.08.2019	00:15:00	6.468,64	6.334,05	12.000,76
06.08.2019	00:30:00	6.215,72	6.081,95	11.774,36
06.08.2019	00:45:00	5.999,66	5.861,76	11.586,50
06.08.2019	01:00:00	5.900,15	5.771,41	11.330,65
06.08.2019	01:15:00	5.731,33	5.630,45	11.133,92
06.08.2019	01:30:00	5.665,23	5.570,28	10.948,01
06.08.2019	01:45:00	5.587,16	5.492,81	10.801,99
06.08.2019	02:00:00	5.416,39	5.320,96	10.658,46
06.08.2019	02:15:00	5.395,22	5.298,46	10.590,44
06.08.2019	02:30:00	5.381,44	5.286,10	10.566,31
06.08.2019	02:45:00	5.257,09	5.160,31	10.574,96
06.08.2019	03:00:00	5.215,89	5.118,70	10.611,20
06.08.2019	03:15:00	5.230,05	5.132,86	10.441,43
06.08.2019	03:30:00	5.231,49	5.133,02	10.550,09
06.08.2019	03:45:00	5.211,91	5.113,66	10.471,18
06.08.2019	04:00:00	5.209,08	5.111,18	10.248,72
06.08.2019	04:15:00	5.329,35	5.232,99	10.256,90
06.08.2019	04:30:00	5.433,72	5.336,84	10.382,71
06.08.2019	04:45:00	5.553,67	5.459,59	10.671,76
06.08.2019	05:00:00	5.609,15	5.508,27	11.032,34
06.08.2019	05:15:00	5.977,36	5.815,63	11.969,04
06.08.2019	05:30:00	6.076,48	5.878,10	12.135,51
06.08.2019	05:45:00	6.480,04	6.302,17	13.059,10
06.08.2019	06:00:00	6.430,92	6.333,68	13.800,47
06.08.2019	06:15:00	6.528,53	6.483,12	15.222,58
06.08.2019	06:30:00	6.933,77	6.875,02	16.349,97
06.08.2019	06:45:00	7.089,48	6.969,20	16.832,06
06.08.2019	07:00:00	7.441,33	7.264,29	17.632,41
06.08.2019	07:15:00	7.678,83	7.457,04	18.054,32
06.08.2019	07:30:00	7.873,06	7.604,43	18.586,28
06.08.2019	07:45:00	8.099,40	7.844,08	19.016,05
06.08.2019	08:00:00	8.044,67	7.718,54	19.206,93
06.08.2019	08:15:00	7.996,35	7.569,76	19.162,73
06.08.2019	08:30:00	7.947,20	7.317,05	18.888,66
06.08.2019	08:45:00	7.979,81	7.072,20	18.865,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.08.2019	09:00:00	8.409,45	6.881,97	18.832,92
06.08.2019	09:15:00	8.984,70	7.525,10	19.060,80
06.08.2019	09:30:00	9.414,38	7.714,26	19.514,83
06.08.2019	09:45:00	9.331,28	7.552,13	19.517,61
06.08.2019	10:00:00	9.016,37	6.381,18	18.349,16
06.08.2019	10:15:00	9.257,19	6.430,12	18.513,38
06.08.2019	10:30:00	9.618,71	6.557,19	18.898,29
06.08.2019	10:45:00	9.785,95	6.204,77	18.632,21
06.08.2019	11:00:00	10.011,21	6.166,52	18.844,25
06.08.2019	11:15:00	10.003,94	6.266,48	19.150,43
06.08.2019	11:30:00	10.602,48	6.775,93	19.526,47
06.08.2019	11:45:00	10.761,71	6.281,10	19.003,98
06.08.2019	12:00:00	10.959,96	6.411,09	18.909,44
06.08.2019	12:15:00	11.771,84	6.906,78	19.008,00
06.08.2019	12:30:00	10.801,07	6.860,72	18.691,77
06.08.2019	12:45:00	10.983,50	9.234,69	21.634,98
06.08.2019	13:00:00	11.124,16	8.014,71	20.424,18
06.08.2019	13:15:00	10.192,99	8.487,28	21.064,28
06.08.2019	13:30:00	10.139,50	6.568,93	19.189,69
06.08.2019	13:45:00	9.639,07	5.742,88	18.111,62
06.08.2019	14:00:00	11.222,95	7.723,96	20.032,14
06.08.2019	14:15:00	10.794,32	9.294,34	21.534,79
06.08.2019	14:30:00	10.547,39	8.951,15	20.953,62
06.08.2019	14:45:00	10.494,92	6.954,36	18.560,48
06.08.2019	15:00:00	10.385,87	7.310,15	18.742,54
06.08.2019	15:15:00	10.078,25	7.079,22	18.371,15
06.08.2019	15:30:00	10.539,32	7.340,43	18.589,01
06.08.2019	15:45:00	10.313,62	7.462,22	18.211,38
06.08.2019	16:00:00	10.070,66	6.533,26	17.142,62
06.08.2019	16:15:00	10.063,55	7.283,61	17.618,42
06.08.2019	16:30:00	10.572,61	7.276,76	17.379,58
06.08.2019	16:45:00	10.493,31	6.167,19	15.889,49
06.08.2019	17:00:00	10.383,77	7.686,20	17.497,94
06.08.2019	17:15:00	10.378,16	8.850,14	18.522,71
06.08.2019	17:30:00	10.078,75	9.086,73	18.371,27
06.08.2019	17:45:00	10.485,89	9.173,22	18.224,01
06.08.2019	18:00:00	10.970,22	8.349,02	17.118,98
06.08.2019	18:15:00	10.928,24	8.545,45	16.941,68
06.08.2019	18:30:00	11.008,14	8.680,29	17.029,36
06.08.2019	18:45:00	10.242,92	9.349,29	17.690,73
06.08.2019	19:00:00	10.163,88	9.556,16	17.361,31
06.08.2019	19:15:00	10.263,42	9.115,75	16.788,47
06.08.2019	19:30:00	9.959,43	9.423,40	17.221,84
06.08.2019	19:45:00	9.856,20	9.591,33	17.018,40
06.08.2019	20:00:00	9.943,93	9.600,13	17.122,94
06.08.2019	20:15:00	9.798,48	9.355,60	16.774,95
06.08.2019	20:30:00	9.668,38	9.457,11	16.858,88
06.08.2019	20:45:00	9.488,97	9.352,36	16.601,75
06.08.2019	21:00:00	9.559,46	9.469,29	16.656,35
06.08.2019	21:15:00	10.097,60	10.012,05	17.073,75
06.08.2019	21:30:00	10.448,11	10.358,81	17.303,40
06.08.2019	21:45:00	10.041,60	9.947,71	16.618,38
06.08.2019	22:00:00	9.704,14	9.607,56	15.977,85
06.08.2019	22:15:00	9.425,77	9.335,38	15.513,40
06.08.2019	22:30:00	8.998,23	8.929,63	14.928,12
06.08.2019	22:45:00	8.717,76	8.664,20	14.444,98
06.08.2019	23:00:00	8.410,39	8.354,45	14.000,93
06.08.2019	23:15:00	7.982,27	7.922,38	13.544,64
06.08.2019	23:30:00	7.561,75	7.500,88	13.213,86
06.08.2019	23:45:00	7.054,20	6.959,48	12.641,96
07.08.2019	00:00:00	6.775,75	6.599,52	12.327,19
07.08.2019	00:15:00	6.492,46	6.309,47	11.899,42
07.08.2019	00:30:00	6.226,56	6.042,98	11.731,79
07.08.2019	00:45:00	6.040,11	5.851,08	11.515,88
07.08.2019	01:00:00	5.851,11	5.650,35	11.193,30
07.08.2019	01:15:00	5.786,76	5.591,48	11.161,28
07.08.2019	01:30:00	5.680,63	5.478,40	11.002,54
07.08.2019	01:45:00	5.701,22	5.542,98	11.033,14
07.08.2019	02:00:00	5.538,54	5.413,79	10.949,42
07.08.2019	02:15:00	5.469,38	5.341,64	10.689,06
07.08.2019	02:30:00	5.387,73	5.264,11	10.506,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.08.2019	02:45:00	5.406,65	5.282,44	10.663,21
07.08.2019	03:00:00	5.342,82	5.215,82	10.507,31
07.08.2019	03:15:00	5.329,66	5.199,93	10.601,38
07.08.2019	03:30:00	5.278,54	5.148,14	10.735,80
07.08.2019	03:45:00	5.314,26	5.188,09	10.681,32
07.08.2019	04:00:00	5.350,52	5.226,39	10.595,32
07.08.2019	04:15:00	5.398,38	5.272,50	10.668,43
07.08.2019	04:30:00	5.493,73	5.382,19	10.827,92
07.08.2019	04:45:00	5.674,75	5.564,67	11.155,64
07.08.2019	05:00:00	5.682,25	5.578,37	11.508,28
07.08.2019	05:15:00	6.015,64	5.924,19	12.276,47
07.08.2019	05:30:00	6.164,01	6.131,86	12.730,02
07.08.2019	05:45:00	6.432,69	6.462,27	13.604,88
07.08.2019	06:00:00	6.622,46	6.660,15	14.612,50
07.08.2019	06:15:00	7.262,02	7.316,47	16.523,94
07.08.2019	06:30:00	7.620,92	7.685,15	17.575,42
07.08.2019	06:45:00	8.157,70	8.233,50	18.606,11
07.08.2019	07:00:00	8.449,25	8.537,10	19.581,66
07.08.2019	07:15:00	8.275,65	8.267,73	19.767,52
07.08.2019	07:30:00	8.320,01	8.169,62	20.077,09
07.08.2019	07:45:00	8.530,91	8.294,56	20.195,93
07.08.2019	08:00:00	8.647,44	8.158,63	20.364,14
07.08.2019	08:15:00	8.892,73	8.511,93	20.923,99
07.08.2019	08:30:00	8.962,06	8.313,70	20.833,29
07.08.2019	08:45:00	8.848,62	7.882,08	20.248,60
07.08.2019	09:00:00	9.162,36	8.197,90	20.501,89
07.08.2019	09:15:00	9.846,91	9.031,25	20.883,36
07.08.2019	09:30:00	10.023,07	9.467,33	21.416,72
07.08.2019	09:45:00	10.552,79	10.459,69	22.978,74
07.08.2019	10:00:00	11.252,51	10.346,36	22.843,32
07.08.2019	10:15:00	10.859,25	9.945,48	22.555,22
07.08.2019	10:30:00	10.756,32	10.410,45	23.094,65
07.08.2019	10:45:00	11.294,56	11.420,09	24.442,00
07.08.2019	11:00:00	11.804,35	11.940,02	24.999,89
07.08.2019	11:15:00	12.335,03	12.361,80	25.587,15
07.08.2019	11:30:00	12.269,39	11.694,44	24.964,69
07.08.2019	11:45:00	11.955,50	11.171,85	24.425,46
07.08.2019	12:00:00	12.190,16	11.043,83	23.857,68
07.08.2019	12:15:00	12.028,51	10.923,69	23.037,09
07.08.2019	12:30:00	11.986,01	11.416,82	23.364,04
07.08.2019	12:45:00	11.533,26	10.584,92	22.510,57
07.08.2019	13:00:00	11.111,18	10.404,54	22.543,33
07.08.2019	13:15:00	11.395,07	10.998,82	22.904,17
07.08.2019	13:30:00	11.275,65	10.883,57	22.743,91
07.08.2019	13:45:00	11.046,54	10.405,27	22.537,69
07.08.2019	14:00:00	11.117,09	10.648,68	22.986,16
07.08.2019	14:15:00	10.926,28	10.575,96	22.385,58
07.08.2019	14:30:00	10.943,82	10.770,00	22.458,31
07.08.2019	14:45:00	11.101,33	10.930,73	22.731,32
07.08.2019	15:00:00	11.008,84	10.521,45	22.115,96
07.08.2019	15:15:00	10.800,16	10.251,74	21.305,23
07.08.2019	15:30:00	10.695,87	9.741,41	20.650,38
07.08.2019	15:45:00	10.463,15	9.241,12	19.733,49
07.08.2019	16:00:00	10.626,27	9.761,95	19.941,60
07.08.2019	16:15:00	10.539,75	9.455,71	19.260,24
07.08.2019	16:30:00	10.376,74	9.130,01	18.720,93
07.08.2019	16:45:00	10.375,30	9.306,82	18.592,85
07.08.2019	17:00:00	10.537,68	9.859,77	18.978,06
07.08.2019	17:15:00	10.511,27	9.866,81	18.772,19
07.08.2019	17:30:00	10.524,21	9.712,44	18.666,51
07.08.2019	17:45:00	10.623,61	10.045,01	18.893,06
07.08.2019	18:00:00	10.838,02	10.258,96	18.895,36
07.08.2019	18:15:00	10.775,22	9.810,81	18.011,15
07.08.2019	18:30:00	10.602,17	9.456,05	17.349,02
07.08.2019	18:45:00	10.424,91	9.879,73	17.739,52
07.08.2019	19:00:00	10.450,95	10.085,93	17.774,21
07.08.2019	19:15:00	10.348,22	10.036,12	17.626,21
07.08.2019	19:30:00	10.364,12	10.148,97	17.614,70
07.08.2019	19:45:00	10.249,27	10.069,33	17.429,02
07.08.2019	20:00:00	10.158,40	9.909,11	17.224,01
07.08.2019	20:15:00	9.959,42	9.809,61	16.981,44

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.08.2019	20:30:00	9.778,34	9.720,68	16.765,40
07.08.2019	20:45:00	9.683,88	9.672,43	16.552,38
07.08.2019	21:00:00	9.653,05	9.666,62	16.509,37
07.08.2019	21:15:00	10.062,13	10.078,10	16.832,94
07.08.2019	21:30:00	10.434,15	10.451,86	17.242,04
07.08.2019	21:45:00	10.001,15	10.007,99	16.771,90
07.08.2019	22:00:00	9.642,95	9.645,15	16.232,91
07.08.2019	22:15:00	9.345,19	9.346,95	15.681,08
07.08.2019	22:30:00	9.027,81	9.022,16	15.107,59
07.08.2019	22:45:00	8.797,31	8.789,18	14.643,28
07.08.2019	23:00:00	8.404,23	8.394,70	14.170,27
07.08.2019	23:15:00	8.001,31	7.985,43	13.739,27
07.08.2019	23:30:00	7.646,93	7.626,30	13.187,92
07.08.2019	23:45:00	7.205,84	7.180,45	12.778,88
08.08.2019	00:00:00	6.914,87	6.888,29	12.394,34
08.08.2019	00:15:00	6.526,90	6.498,72	11.596,16
08.08.2019	00:30:00	6.286,32	6.258,09	11.444,33
08.08.2019	00:45:00	6.126,42	6.094,56	11.170,50
08.08.2019	01:00:00	5.966,47	6.006,11	11.070,44
08.08.2019	01:15:00	5.866,76	5.958,59	10.997,95
08.08.2019	01:30:00	5.714,35	5.812,30	10.790,32
08.08.2019	01:45:00	5.642,17	5.741,05	10.705,16
08.08.2019	02:00:00	5.579,72	5.680,98	10.756,44
08.08.2019	02:15:00	5.578,71	5.676,70	10.583,58
08.08.2019	02:30:00	5.518,91	5.615,28	10.301,06
08.08.2019	02:45:00	5.393,66	5.489,43	10.268,58
08.08.2019	03:00:00	5.372,41	5.467,83	10.213,83
08.08.2019	03:15:00	5.346,84	5.443,01	10.175,00
08.08.2019	03:30:00	5.284,77	5.383,18	10.289,79
08.08.2019	03:45:00	5.315,68	5.411,94	10.335,30
08.08.2019	04:00:00	5.365,95	5.461,59	10.308,30
08.08.2019	04:15:00	5.468,98	5.564,43	10.473,43
08.08.2019	04:30:00	5.587,92	5.684,58	10.520,96
08.08.2019	04:45:00	5.684,88	5.783,33	10.701,50
08.08.2019	05:00:00	5.673,58	5.770,23	11.347,12
08.08.2019	05:15:00	6.087,10	6.180,84	12.352,48
08.08.2019	05:30:00	6.065,05	6.169,33	12.453,84
08.08.2019	05:45:00	6.306,55	6.409,22	13.349,85
08.08.2019	06:00:00	6.361,72	6.465,58	14.157,15
08.08.2019	06:15:00	6.597,14	6.718,80	15.336,52
08.08.2019	06:30:00	6.897,17	6.968,78	16.250,08
08.08.2019	06:45:00	7.148,16	7.174,85	16.896,86
08.08.2019	07:00:00	7.417,02	7.366,04	17.451,61
08.08.2019	07:15:00	7.798,28	7.621,61	18.323,34
08.08.2019	07:30:00	7.952,23	7.731,59	18.752,54
08.08.2019	07:45:00	8.006,84	7.692,44	18.642,12
08.08.2019	08:00:00	7.929,08	7.380,09	18.702,82
08.08.2019	08:15:00	7.939,34	7.281,26	18.661,97
08.08.2019	08:30:00	7.768,91	7.010,58	18.499,24
08.08.2019	08:45:00	7.823,63	6.832,27	18.485,70
08.08.2019	09:00:00	8.041,81	6.707,76	18.300,09
08.08.2019	09:15:00	8.370,51	6.667,00	17.799,90
08.08.2019	09:30:00	8.533,46	6.390,75	17.666,62
08.08.2019	09:45:00	8.823,91	6.484,22	18.167,58
08.08.2019	10:00:00	9.051,65	6.473,13	18.246,75
08.08.2019	10:15:00	9.171,13	6.819,06	18.559,00
08.08.2019	10:30:00	9.267,17	6.113,42	18.090,42
08.08.2019	10:45:00	9.431,89	5.902,74	17.854,61
08.08.2019	11:00:00	9.391,92	5.165,15	17.344,40
08.08.2019	11:15:00	9.658,22	5.210,90	17.439,43
08.08.2019	11:30:00	9.552,47	4.860,00	16.909,66
08.08.2019	11:45:00	10.050,93	4.949,84	16.855,29
08.08.2019	12:00:00	10.199,28	4.992,72	16.683,32
08.08.2019	12:15:00	10.349,32	4.685,32	15.786,43
08.08.2019	12:30:00	10.612,17	6.217,57	17.094,89
08.08.2019	12:45:00	10.191,70	4.711,80	15.467,20
08.08.2019	13:00:00	10.244,81	4.360,39	15.349,02
08.08.2019	13:15:00	9.607,40	4.665,02	15.939,17
08.08.2019	13:30:00	10.298,28	4.635,29	16.122,40
08.08.2019	13:45:00	9.057,89	4.186,16	15.576,89
08.08.2019	14:00:00	9.927,98	4.152,53	15.423,25

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.08.2019	14:15:00	10.581,10	4.707,44	15.834,93
08.08.2019	14:30:00	10.546,00	5.416,51	16.487,21
08.08.2019	14:45:00	10.087,20	5.776,67	16.620,27
08.08.2019	15:00:00	10.264,94	6.025,90	16.747,23
08.08.2019	15:15:00	10.711,60	4.739,69	14.822,76
08.08.2019	15:30:00	8.280,14	4.967,28	14.903,87
08.08.2019	15:45:00	10.527,22	5.124,46	14.857,96
08.08.2019	16:00:00	10.352,97	5.106,67	14.702,14
08.08.2019	16:15:00	10.703,81	5.434,60	14.927,91
08.08.2019	16:30:00	10.261,31	5.596,79	14.921,16
08.08.2019	16:45:00	10.698,29	5.858,45	14.752,27
08.08.2019	17:00:00	10.701,36	6.165,89	14.884,72
08.08.2019	17:15:00	10.943,68	6.573,53	15.142,74
08.08.2019	17:30:00	11.001,50	6.877,35	15.144,00
08.08.2019	17:45:00	11.165,41	7.336,97	15.587,73
08.08.2019	18:00:00	11.307,99	7.785,59	15.795,60
08.08.2019	18:15:00	11.201,84	8.225,75	16.170,04
08.08.2019	18:30:00	11.170,56	8.409,59	16.335,48
08.08.2019	18:45:00	10.875,18	8.537,17	16.359,44
08.08.2019	19:00:00	10.844,71	8.817,53	16.503,36
08.08.2019	19:15:00	10.654,99	9.144,41	16.719,30
08.08.2019	19:30:00	10.068,31	9.238,29	16.704,89
08.08.2019	19:45:00	9.840,61	9.307,23	16.798,58
08.08.2019	20:00:00	9.787,74	9.171,28	16.551,92
08.08.2019	20:15:00	9.682,83	9.094,04	16.278,25
08.08.2019	20:30:00	9.553,78	9.092,95	16.229,34
08.08.2019	20:45:00	9.471,55	9.186,21	16.106,37
08.08.2019	21:00:00	9.338,81	9.139,11	15.842,09
08.08.2019	21:15:00	9.515,83	9.341,27	16.098,77
08.08.2019	21:30:00	10.086,59	9.913,59	16.713,70
08.08.2019	21:45:00	9.846,71	9.671,69	16.329,83
08.08.2019	22:00:00	9.657,77	9.475,70	16.043,57
08.08.2019	22:15:00	9.314,42	9.134,67	15.571,74
08.08.2019	22:30:00	8.993,18	8.816,88	15.019,86
08.08.2019	22:45:00	8.668,34	8.492,98	14.375,19
08.08.2019	23:00:00	8.395,16	8.216,74	13.988,79
08.08.2019	23:15:00	8.099,25	7.914,85	13.532,85
08.08.2019	23:30:00	7.585,71	7.394,32	12.842,69
08.08.2019	23:45:00	7.121,10	6.925,28	12.372,00
09.08.2019	00:00:00	6.830,35	6.631,99	11.941,31
09.08.2019	00:15:00	6.525,80	6.327,34	11.523,24
09.08.2019	00:30:00	6.310,83	6.108,90	11.317,04
09.08.2019	00:45:00	6.025,42	5.810,60	11.169,28
09.08.2019	01:00:00	5.932,07	5.724,09	11.003,14
09.08.2019	01:15:00	5.764,04	5.583,89	10.997,40
09.08.2019	01:30:00	5.643,33	5.468,18	10.932,26
09.08.2019	01:45:00	5.584,75	5.409,12	10.598,26
09.08.2019	02:00:00	5.436,26	5.258,03	10.454,68
09.08.2019	02:15:00	5.342,80	5.170,55	10.374,68
09.08.2019	02:30:00	5.291,63	5.121,72	10.260,06
09.08.2019	02:45:00	5.239,12	5.068,38	10.232,76
09.08.2019	03:00:00	5.262,07	5.092,64	10.167,06
09.08.2019	03:15:00	5.290,16	5.125,64	10.152,43
09.08.2019	03:30:00	5.250,96	5.087,09	10.202,69
09.08.2019	03:45:00	5.260,06	5.101,15	10.204,06
09.08.2019	04:00:00	5.284,93	5.122,28	9.867,55
09.08.2019	04:15:00	5.277,63	5.112,60	9.917,98
09.08.2019	04:30:00	5.422,81	5.264,07	10.077,00
09.08.2019	04:45:00	5.473,23	5.320,57	10.166,12
09.08.2019	05:00:00	5.584,54	5.422,67	10.676,37
09.08.2019	05:15:00	5.953,57	5.781,66	11.584,18
09.08.2019	05:30:00	5.997,82	5.841,60	11.913,39
09.08.2019	05:45:00	6.268,57	6.126,25	12.541,98
09.08.2019	06:00:00	6.145,68	6.016,30	13.289,47
09.08.2019	06:15:00	6.569,92	6.451,22	14.762,72
09.08.2019	06:30:00	6.836,57	6.706,13	15.687,18
09.08.2019	06:45:00	7.039,41	6.994,66	16.315,14
09.08.2019	07:00:00	7.483,73	7.417,24	17.007,05
09.08.2019	07:15:00	7.512,34	7.318,73	17.237,21
09.08.2019	07:30:00	7.723,95	7.252,12	17.569,48
09.08.2019	07:45:00	8.226,11	7.625,31	18.263,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.08.2019	08:00:00	8.341,47	7.675,62	18.544,14
09.08.2019	08:15:00	7.908,78	6.969,51	17.792,13
09.08.2019	08:30:00	8.038,78	7.061,41	18.036,89
09.08.2019	08:45:00	8.276,29	6.887,73	17.943,16
09.08.2019	09:00:00	8.739,86	7.738,10	18.843,35
09.08.2019	09:15:00	8.361,87	6.494,92	17.277,65
09.08.2019	09:30:00	8.748,99	6.641,82	17.452,95
09.08.2019	09:45:00	8.907,24	6.446,73	17.584,34
09.08.2019	10:00:00	9.150,99	6.576,38	17.846,87
09.08.2019	10:15:00	9.541,91	6.984,50	18.307,72
09.08.2019	10:30:00	9.878,50	7.775,34	19.270,54
09.08.2019	10:45:00	9.841,64	7.001,61	18.658,64
09.08.2019	11:00:00	9.505,52	5.828,92	17.417,18
09.08.2019	11:15:00	9.887,91	6.312,88	18.106,68
09.08.2019	11:30:00	9.699,93	5.504,15	17.191,26
09.08.2019	11:45:00	10.760,01	6.855,28	18.529,52
09.08.2019	12:00:00	10.482,68	6.196,48	17.512,57
09.08.2019	12:15:00	10.553,92	5.645,58	16.554,22
09.08.2019	12:30:00	10.553,63	5.252,91	16.008,30
09.08.2019	12:45:00	10.605,77	5.158,07	15.926,77
09.08.2019	13:00:00	10.151,54	5.785,75	16.861,34
09.08.2019	13:15:00	10.627,00	5.735,06	16.642,34
09.08.2019	13:30:00	10.085,74	4.951,51	15.763,85
09.08.2019	13:45:00	10.300,97	5.358,98	15.902,34
09.08.2019	14:00:00	10.028,97	4.843,62	15.083,03
09.08.2019	14:15:00	9.723,95	4.853,65	14.902,10
09.08.2019	14:30:00	10.297,56	6.459,28	16.741,10
09.08.2019	14:45:00	9.991,08	6.613,64	16.535,61
09.08.2019	15:00:00	9.942,63	5.610,19	15.326,51
09.08.2019	15:15:00	10.435,71	6.164,50	15.720,74
09.08.2019	15:30:00	10.141,89	4.883,50	13.995,94
09.08.2019	15:45:00	10.038,09	5.518,87	14.509,35
09.08.2019	16:00:00	10.134,05	5.242,02	14.072,14
09.08.2019	16:15:00	10.330,13	5.855,50	14.454,92
09.08.2019	16:30:00	10.344,68	5.781,63	14.268,72
09.08.2019	16:45:00	10.944,20	6.584,11	15.032,80
09.08.2019	17:00:00	11.037,41	6.923,22	15.268,00
09.08.2019	17:15:00	10.604,83	7.443,31	15.609,22
09.08.2019	17:30:00	11.252,39	7.000,27	14.964,94
09.08.2019	17:45:00	10.932,45	7.576,23	15.612,98
09.08.2019	18:00:00	11.278,53	8.037,40	15.969,26
09.08.2019	18:15:00	11.482,51	8.659,47	16.501,49
09.08.2019	18:30:00	10.686,45	8.799,72	16.498,82
09.08.2019	18:45:00	10.372,10	9.184,48	16.985,59
09.08.2019	19:00:00	10.513,95	8.893,51	16.524,81
09.08.2019	19:15:00	10.015,81	9.593,83	17.007,03
09.08.2019	19:30:00	9.914,68	9.537,77	16.870,16
09.08.2019	19:45:00	9.862,42	9.534,65	16.779,60
09.08.2019	20:00:00	9.788,33	9.507,45	16.336,62
09.08.2019	20:15:00	9.663,31	9.498,56	15.970,14
09.08.2019	20:30:00	9.790,63	9.695,26	15.921,19
09.08.2019	20:45:00	10.199,32	10.107,81	16.250,15
09.08.2019	21:00:00	10.596,09	10.507,42	16.494,45
09.08.2019	21:15:00	10.415,85	10.326,14	16.239,48
09.08.2019	21:30:00	10.236,24	10.142,99	15.957,53
09.08.2019	21:45:00	9.822,65	9.728,57	15.474,80
09.08.2019	22:00:00	9.591,70	9.493,82	15.070,77
09.08.2019	22:15:00	9.427,74	9.328,90	14.819,60
09.08.2019	22:30:00	9.324,80	9.223,68	14.489,07
09.08.2019	22:45:00	9.003,55	8.900,31	13.923,03
09.08.2019	23:00:00	8.697,49	8.602,48	13.708,02
09.08.2019	23:15:00	8.332,52	8.309,58	13.351,36
09.08.2019	23:30:00	7.898,13	7.872,84	12.785,04
09.08.2019	23:45:00	7.608,65	7.579,99	12.292,92
10.08.2019	00:00:00	7.302,00	7.269,00	12.027,06
10.08.2019	00:15:00	7.000,63	6.964,05	11.601,40
10.08.2019	00:30:00	6.650,52	6.613,20	11.231,52
10.08.2019	00:45:00	6.513,12	6.475,34	11.171,52
10.08.2019	01:00:00	6.345,63	6.305,21	11.282,46
10.08.2019	01:15:00	6.225,25	6.191,49	11.106,06
10.08.2019	01:30:00	6.086,87	6.053,10	11.045,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.08.2019	01:45:00	5.922,46	5.889,42	10.750,27
10.08.2019	02:00:00	5.776,32	5.740,17	10.655,06
10.08.2019	02:15:00	5.676,62	5.640,34	10.523,98
10.08.2019	02:30:00	5.605,46	5.567,52	10.271,18
10.08.2019	02:45:00	5.560,25	5.522,83	10.255,86
10.08.2019	03:00:00	5.445,70	5.407,06	10.129,76
10.08.2019	03:15:00	5.408,09	5.369,37	9.992,25
10.08.2019	03:30:00	5.346,18	5.302,33	9.944,51
10.08.2019	03:45:00	5.392,00	5.345,91	9.980,88
10.08.2019	04:00:00	5.403,10	5.334,46	9.958,72
10.08.2019	04:15:00	5.491,12	5.331,02	10.009,30
10.08.2019	04:30:00	5.571,13	5.350,12	10.107,94
10.08.2019	04:45:00	5.655,04	5.375,09	10.176,24
10.08.2019	05:00:00	5.599,24	5.323,06	10.121,08
10.08.2019	05:15:00	5.748,31	5.466,34	10.458,08
10.08.2019	05:30:00	5.770,48	5.492,31	10.475,50
10.08.2019	05:45:00	5.958,42	5.687,09	10.735,96
10.08.2019	06:00:00	6.133,31	5.884,97	11.068,27
10.08.2019	06:15:00	6.526,58	6.287,57	11.793,80
10.08.2019	06:30:00	6.450,69	6.214,70	11.645,78
10.08.2019	06:45:00	6.343,43	6.183,14	11.637,72
10.08.2019	07:00:00	6.428,65	6.179,43	11.634,66
10.08.2019	07:15:00	6.601,63	6.375,46	11.993,20
10.08.2019	07:30:00	6.745,25	6.508,76	12.265,60
10.08.2019	07:45:00	7.152,55	6.936,66	12.760,34
10.08.2019	08:00:00	7.529,60	7.320,42	13.170,39
10.08.2019	08:15:00	7.845,49	7.612,49	13.546,44
10.08.2019	08:30:00	8.181,99	7.903,80	13.866,58
10.08.2019	08:45:00	8.499,73	8.200,33	14.098,63
10.08.2019	09:00:00	8.770,27	8.483,96	14.418,91
10.08.2019	09:15:00	9.206,41	8.794,31	14.754,19
10.08.2019	09:30:00	9.401,10	8.753,07	14.675,18
10.08.2019	09:45:00	9.632,86	8.643,01	14.567,35
10.08.2019	10:00:00	9.616,83	8.377,00	14.234,44
10.08.2019	10:15:00	9.883,54	8.821,86	14.620,78
10.08.2019	10:30:00	9.944,56	9.276,06	15.245,79
10.08.2019	10:45:00	10.252,02	9.627,06	15.520,06
10.08.2019	11:00:00	10.351,18	9.408,01	15.241,82
10.08.2019	11:15:00	10.370,51	9.418,89	15.347,22
10.08.2019	11:30:00	10.633,85	9.771,33	15.552,15
10.08.2019	11:45:00	10.886,13	9.905,22	15.593,86
10.08.2019	12:00:00	10.835,24	9.316,79	14.946,97
10.08.2019	12:15:00	10.788,13	8.876,81	14.358,78
10.08.2019	12:30:00	10.699,67	8.420,14	13.502,69
10.08.2019	12:45:00	10.580,86	8.339,06	13.349,30
10.08.2019	13:00:00	10.186,70	7.554,95	12.442,32
10.08.2019	13:15:00	10.547,95	5.381,11	10.239,00
10.08.2019	13:30:00	9.834,19	7.118,08	12.113,62
10.08.2019	13:45:00	10.371,51	6.297,40	11.257,38
10.08.2019	14:00:00	9.970,43	5.483,21	10.334,26
10.08.2019	14:15:00	9.613,23	3.879,45	8.655,36
10.08.2019	14:30:00	9.154,69	3.545,53	8.346,66
10.08.2019	14:45:00	9.729,75	3.629,62	8.388,48
10.08.2019	15:00:00	9.633,78	3.369,16	8.221,22
10.08.2019	15:15:00	9.284,31	3.587,04	8.324,50
10.08.2019	15:30:00	9.487,81	3.549,48	8.270,69
10.08.2019	15:45:00	9.720,87	3.760,71	8.488,00
10.08.2019	16:00:00	9.586,09	3.616,03	8.283,86
10.08.2019	16:15:00	9.712,86	4.033,41	8.729,27
10.08.2019	16:30:00	9.510,62	4.123,14	8.846,22
10.08.2019	16:45:00	9.706,66	4.463,91	9.169,76
10.08.2019	17:00:00	9.703,60	4.716,19	9.375,17
10.08.2019	17:15:00	9.830,52	5.064,37	9.752,45
10.08.2019	17:30:00	9.935,21	5.451,73	10.251,89
10.08.2019	17:45:00	10.110,24	5.938,13	10.888,20
10.08.2019	18:00:00	10.133,35	6.272,02	11.270,00
10.08.2019	18:15:00	10.187,34	6.677,69	11.655,48
10.08.2019	18:30:00	10.186,02	7.035,27	12.032,06
10.08.2019	18:45:00	10.201,75	7.433,93	12.506,26
10.08.2019	19:00:00	10.145,23	7.791,31	12.815,06
10.08.2019	19:15:00	9.950,62	8.108,34	13.099,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.08.2019	19:30:00	9.686,29	8.250,48	13.236,68
10.08.2019	19:45:00	9.617,68	8.441,16	13.350,61
10.08.2019	20:00:00	9.413,23	8.580,00	13.343,16
10.08.2019	20:15:00	9.147,30	8.613,85	13.460,45
10.08.2019	20:30:00	8.953,06	8.672,21	13.390,62
10.08.2019	20:45:00	8.914,11	8.753,57	13.358,23
10.08.2019	21:00:00	8.839,91	8.727,43	13.397,58
10.08.2019	21:15:00	9.123,44	9.023,73	13.567,30
10.08.2019	21:30:00	9.577,65	9.480,51	13.921,92
10.08.2019	21:45:00	9.327,14	9.193,50	13.760,46
10.08.2019	22:00:00	9.137,65	8.927,15	13.526,19
10.08.2019	22:15:00	9.034,23	8.823,80	13.260,86
10.08.2019	22:30:00	8.898,31	8.684,16	13.174,85
10.08.2019	22:45:00	8.687,86	8.469,72	12.880,23
10.08.2019	23:00:00	8.431,24	8.212,36	12.416,45
10.08.2019	23:15:00	8.092,58	7.870,11	12.104,60
10.08.2019	23:30:00	7.752,00	7.526,10	11.654,09
10.08.2019	23:45:00	7.480,52	7.318,62	11.509,48
11.08.2019	00:00:00	7.206,67	7.085,30	11.281,39
11.08.2019	00:15:00	6.850,37	6.724,81	10.762,40
11.08.2019	00:30:00	6.572,23	6.445,56	10.368,96
11.08.2019	00:45:00	6.431,80	6.304,77	10.334,48
11.08.2019	01:00:00	6.248,90	6.131,13	10.103,71
11.08.2019	01:15:00	6.009,39	5.920,25	9.964,09
11.08.2019	01:30:00	5.892,37	5.809,26	9.963,95
11.08.2019	01:45:00	5.821,20	5.738,63	9.706,27
11.08.2019	02:00:00	5.690,80	5.608,39	9.594,74
11.08.2019	02:15:00	5.635,99	5.554,91	9.634,78
11.08.2019	02:30:00	5.498,05	5.419,01	9.404,54
11.08.2019	02:45:00	5.421,46	5.341,07	9.268,59
11.08.2019	03:00:00	5.403,48	5.321,79	9.363,22
11.08.2019	03:15:00	5.346,18	5.266,20	9.285,51
11.08.2019	03:30:00	5.310,15	5.228,22	9.143,54
11.08.2019	03:45:00	5.286,64	5.200,88	9.129,62
11.08.2019	04:00:00	5.336,84	5.250,67	9.071,52
11.08.2019	04:15:00	5.369,15	5.278,77	8.988,26
11.08.2019	04:30:00	5.388,48	5.298,61	8.809,58
11.08.2019	04:45:00	5.357,82	5.215,50	8.818,00
11.08.2019	05:00:00	5.369,92	5.175,80	8.740,45
11.08.2019	05:15:00	5.431,04	5.208,96	8.886,65
11.08.2019	05:30:00	5.438,46	5.209,96	8.797,78
11.08.2019	05:45:00	5.468,45	5.240,58	8.775,80
11.08.2019	06:00:00	5.382,82	5.168,43	8.846,14
11.08.2019	06:15:00	5.214,68	5.014,13	8.651,23
11.08.2019	06:30:00	5.330,92	5.083,23	8.646,32
11.08.2019	06:45:00	5.343,81	5.035,87	8.663,64
11.08.2019	07:00:00	5.379,28	5.014,39	8.595,14
11.08.2019	07:15:00	5.536,86	5.120,09	8.691,76
11.08.2019	07:30:00	5.564,83	5.070,73	8.637,68
11.08.2019	07:45:00	5.595,22	4.993,49	8.667,08
11.08.2019	08:00:00	5.722,65	5.066,68	8.611,07
11.08.2019	08:15:00	5.834,77	5.097,27	8.803,73
11.08.2019	08:30:00	5.877,52	4.956,31	8.638,32
11.08.2019	08:45:00	5.983,56	4.770,11	8.375,08
11.08.2019	09:00:00	6.160,12	4.591,96	8.256,29
11.08.2019	09:15:00	6.547,01	4.568,02	8.335,78
11.08.2019	09:30:00	6.683,31	4.398,27	8.010,97
11.08.2019	09:45:00	6.867,32	4.236,19	7.871,22
11.08.2019	10:00:00	7.057,08	4.071,56	7.686,28
11.08.2019	10:15:00	7.286,91	3.943,35	7.606,39
11.08.2019	10:30:00	7.539,46	3.869,63	7.800,12
11.08.2019	10:45:00	7.723,92	3.745,25	7.751,78
11.08.2019	11:00:00	7.786,49	3.525,21	7.514,67
11.08.2019	11:15:00	8.308,22	3.566,43	7.578,78
11.08.2019	11:30:00	8.913,66	5.937,49	10.045,00
11.08.2019	11:45:00	8.673,75	3.882,30	7.940,34
11.08.2019	12:00:00	8.708,90	3.485,31	7.584,13
11.08.2019	12:15:00	8.845,09	3.684,13	7.756,06
11.08.2019	12:30:00	8.818,25	3.309,78	7.310,34
11.08.2019	12:45:00	8.615,89	3.022,08	7.121,94
11.08.2019	13:00:00	8.562,33	2.837,50	6.946,83

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.08.2019	13:15:00	8.418,46	2.632,50	6.715,33
11.08.2019	13:30:00	8.341,16	2.505,02	6.598,25
11.08.2019	13:45:00	8.210,68	2.337,47	6.381,15
11.08.2019	14:00:00	8.200,91	2.241,81	6.258,55
11.08.2019	14:15:00	8.189,90	2.120,55	6.307,22
11.08.2019	14:30:00	8.173,46	2.099,37	6.192,95
11.08.2019	14:45:00	8.141,70	2.119,92	6.146,04
11.08.2019	15:00:00	8.015,43	2.159,44	6.300,68
11.08.2019	15:15:00	8.218,72	2.285,70	6.407,54
11.08.2019	15:30:00	8.144,78	2.352,94	6.401,62
11.08.2019	15:45:00	8.223,05	2.509,47	6.711,48
11.08.2019	16:00:00	8.261,88	2.596,13	6.735,83
11.08.2019	16:15:00	8.515,96	2.955,58	7.052,60
11.08.2019	16:30:00	8.544,34	3.204,79	7.404,90
11.08.2019	16:45:00	8.606,90	3.774,12	7.955,94
11.08.2019	17:00:00	8.651,66	4.107,63	8.215,48
11.08.2019	17:15:00	9.102,38	4.627,55	8.830,10
11.08.2019	17:30:00	8.934,02	5.905,58	10.157,11
11.08.2019	17:45:00	8.462,85	7.424,08	11.630,00
11.08.2019	18:00:00	8.642,40	8.211,64	12.693,66
11.08.2019	18:15:00	9.104,29	8.445,52	12.772,19
11.08.2019	18:30:00	9.150,09	8.567,14	12.748,48
11.08.2019	18:45:00	9.181,20	8.572,44	12.970,31
11.08.2019	19:00:00	9.273,09	9.119,78	13.514,55
11.08.2019	19:15:00	9.585,12	9.585,41	13.935,31
11.08.2019	19:30:00	9.795,60	9.793,30	14.216,47
11.08.2019	19:45:00	9.946,23	9.958,04	14.261,22
11.08.2019	20:00:00	9.862,30	9.837,38	14.078,96
11.08.2019	20:15:00	9.595,81	9.578,70	13.822,95
11.08.2019	20:30:00	9.525,48	9.524,93	13.740,61
11.08.2019	20:45:00	9.330,44	9.326,53	13.558,34
11.08.2019	21:00:00	9.475,99	9.469,59	13.825,61
11.08.2019	21:15:00	9.582,48	9.578,27	13.911,04
11.08.2019	21:30:00	9.587,19	9.582,26	13.836,14
11.08.2019	21:45:00	9.256,26	9.248,06	13.484,00
11.08.2019	22:00:00	8.909,75	8.898,44	12.919,70
11.08.2019	22:15:00	8.676,15	8.660,85	12.697,88
11.08.2019	22:30:00	8.427,89	8.412,36	12.629,11
11.08.2019	22:45:00	8.127,82	8.108,58	12.279,82
11.08.2019	23:00:00	7.908,33	7.885,77	12.044,05
11.08.2019	23:15:00	7.543,47	7.517,58	11.613,26
11.08.2019	23:30:00	7.146,75	7.118,59	11.166,72
11.08.2019	23:45:00	6.839,23	6.806,53	10.776,62
12.08.2019	00:00:00	6.608,02	6.569,92	10.523,41
12.08.2019	00:15:00	6.313,14	6.272,58	10.195,33
12.08.2019	00:30:00	6.079,49	6.038,24	9.938,79
12.08.2019	00:45:00	5.895,15	5.853,30	9.836,65
12.08.2019	01:00:00	5.788,79	5.757,94	9.804,67
12.08.2019	01:15:00	5.601,40	5.596,42	9.739,02
12.08.2019	01:30:00	5.572,05	5.572,88	9.700,72
12.08.2019	01:45:00	5.510,01	5.511,43	9.624,33
12.08.2019	02:00:00	5.419,03	5.419,53	9.341,65
12.08.2019	02:15:00	5.356,61	5.356,59	9.352,74
12.08.2019	02:30:00	5.402,97	5.402,67	9.349,70
12.08.2019	02:45:00	5.332,13	5.330,52	9.243,77
12.08.2019	03:00:00	5.245,14	5.244,69	9.279,32
12.08.2019	03:15:00	5.234,19	5.232,78	9.479,16
12.08.2019	03:30:00	5.218,29	5.216,91	9.497,66
12.08.2019	03:45:00	5.234,84	5.233,23	9.623,40
12.08.2019	04:00:00	5.229,09	5.226,77	9.502,50
12.08.2019	04:15:00	5.324,31	5.323,48	9.486,68
12.08.2019	04:30:00	5.493,79	5.494,37	9.820,42
12.08.2019	04:45:00	5.508,47	5.510,03	9.856,78
12.08.2019	05:00:00	5.540,00	5.536,69	10.103,10
12.08.2019	05:15:00	5.869,04	5.902,50	11.252,62
12.08.2019	05:30:00	5.963,09	6.050,16	11.609,24
12.08.2019	05:45:00	6.179,05	6.283,90	12.320,30
12.08.2019	06:00:00	6.372,21	6.475,59	13.266,75
12.08.2019	06:15:00	6.633,30	6.730,50	14.736,73
12.08.2019	06:30:00	6.768,57	6.719,34	15.354,30
12.08.2019	06:45:00	7.052,26	6.982,06	16.041,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.08.2019	07:00:00	7.440,80	7.376,00	16.629,16
12.08.2019	07:15:00	7.672,09	7.470,41	16.789,94
12.08.2019	07:30:00	7.948,61	7.736,79	17.455,32
12.08.2019	07:45:00	8.014,48	7.434,43	17.301,94
12.08.2019	08:00:00	8.370,13	8.079,76	18.203,48
12.08.2019	08:15:00	7.812,44	7.314,88	17.635,08
12.08.2019	08:30:00	7.780,97	7.144,69	17.504,99
12.08.2019	08:45:00	8.066,83	7.259,00	17.761,68
12.08.2019	09:00:00	8.448,09	7.158,45	17.865,77
12.08.2019	09:15:00	8.417,93	6.937,60	17.231,14
12.08.2019	09:30:00	8.936,94	7.381,24	17.549,50
12.08.2019	09:45:00	9.350,35	7.796,93	18.207,45
12.08.2019	10:00:00	9.554,87	7.732,81	18.426,18
12.08.2019	10:15:00	9.624,14	7.728,77	18.360,58
12.08.2019	10:30:00	10.017,41	8.664,79	19.589,77
12.08.2019	10:45:00	10.162,60	8.739,92	19.945,00
12.08.2019	11:00:00	10.284,53	9.090,65	20.196,83
12.08.2019	11:15:00	10.635,60	9.624,12	20.849,26
12.08.2019	11:30:00	10.575,14	9.225,70	20.270,38
12.08.2019	11:45:00	10.944,62	9.324,68	19.940,27
12.08.2019	12:00:00	10.983,83	9.255,17	19.830,89
12.08.2019	12:15:00	10.589,76	7.861,11	18.031,26
12.08.2019	12:30:00	10.747,99	8.522,39	18.585,82
12.08.2019	12:45:00	10.411,45	7.521,75	17.771,84
12.08.2019	13:00:00	10.065,41	7.547,75	17.877,51
12.08.2019	13:15:00	10.307,01	8.878,66	19.297,35
12.08.2019	13:30:00	10.339,22	9.303,64	19.956,56
12.08.2019	13:45:00	10.217,46	9.157,26	19.846,33
12.08.2019	14:00:00	10.246,85	9.200,14	19.701,28
12.08.2019	14:15:00	10.043,69	7.822,05	18.005,24
12.08.2019	14:30:00	9.799,07	6.821,00	16.790,29
12.08.2019	14:45:00	9.402,74	3.572,87	12.951,66
12.08.2019	15:00:00	9.511,62	3.747,97	13.256,78
12.08.2019	15:15:00	10.078,57	4.477,07	13.855,63
12.08.2019	15:30:00	9.009,78	5.412,51	14.469,16
12.08.2019	15:45:00	9.776,26	5.943,39	14.836,42
12.08.2019	16:00:00	8.607,45	6.148,07	14.972,59
12.08.2019	16:15:00	10.206,89	7.010,17	15.583,64
12.08.2019	16:30:00	9.327,30	6.849,58	15.151,78
12.08.2019	16:45:00	9.216,31	7.683,30	15.752,16
12.08.2019	17:00:00	9.517,59	8.392,94	16.266,12
12.08.2019	17:15:00	9.656,10	8.420,68	16.123,77
12.08.2019	17:30:00	9.781,46	8.711,61	16.169,64
12.08.2019	17:45:00	10.004,81	8.331,47	15.659,47
12.08.2019	18:00:00	10.122,60	8.146,36	15.429,29
12.08.2019	18:15:00	9.855,93	8.227,65	15.193,90
12.08.2019	18:30:00	9.963,42	9.106,34	16.001,64
12.08.2019	18:45:00	10.010,22	8.869,01	15.981,48
12.08.2019	19:00:00	9.975,73	8.498,61	15.370,43
12.08.2019	19:15:00	10.225,45	8.819,19	15.732,90
12.08.2019	19:30:00	10.071,28	8.914,96	15.982,54
12.08.2019	19:45:00	9.872,89	8.670,81	15.607,14
12.08.2019	20:00:00	9.538,43	8.660,32	15.518,55
12.08.2019	20:15:00	9.342,98	8.836,47	15.629,19
12.08.2019	20:30:00	9.359,85	9.046,26	15.643,96
12.08.2019	20:45:00	9.435,69	9.219,49	15.641,52
12.08.2019	21:00:00	9.456,38	9.269,17	15.628,43
12.08.2019	21:15:00	10.076,58	9.893,56	16.187,69
12.08.2019	21:30:00	10.193,83	10.016,79	16.253,00
12.08.2019	21:45:00	9.854,08	9.679,13	15.818,05
12.08.2019	22:00:00	9.540,13	9.364,14	15.235,68
12.08.2019	22:15:00	9.278,86	9.105,03	14.739,66
12.08.2019	22:30:00	8.992,03	8.815,34	14.290,21
12.08.2019	22:45:00	8.658,13	8.475,84	13.751,38
12.08.2019	23:00:00	8.325,36	8.145,97	13.360,31
12.08.2019	23:15:00	7.855,02	7.675,11	12.887,52
12.08.2019	23:30:00	7.357,54	7.174,11	12.393,61
12.08.2019	23:45:00	7.029,26	6.842,78	11.910,79
13.08.2019	00:00:00	6.684,02	6.491,18	11.541,70
13.08.2019	00:15:00	6.389,82	6.195,36	11.126,87
13.08.2019	00:30:00	6.191,64	5.995,23	10.786,79

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.08.2019	00:45:00	5.942,11	5.745,48	10.748,52
13.08.2019	01:00:00	5.804,21	5.617,28	10.461,97
13.08.2019	01:15:00	5.699,65	5.543,34	10.309,03
13.08.2019	01:30:00	5.598,31	5.447,37	10.131,35
13.08.2019	01:45:00	5.594,72	5.445,62	10.036,98
13.08.2019	02:00:00	5.569,47	5.421,59	9.883,36
13.08.2019	02:15:00	5.546,90	5.394,54	10.027,20
13.08.2019	02:30:00	5.502,55	5.350,23	10.040,62
13.08.2019	02:45:00	5.412,80	5.257,96	9.790,40
13.08.2019	03:00:00	5.340,29	5.184,58	9.752,80
13.08.2019	03:15:00	5.352,52	5.196,28	9.789,81
13.08.2019	03:30:00	5.398,02	5.244,01	9.786,09
13.08.2019	03:45:00	5.369,05	5.236,51	9.751,93
13.08.2019	04:00:00	5.380,68	5.261,00	9.640,52
13.08.2019	04:15:00	5.440,57	5.321,33	9.709,10
13.08.2019	04:30:00	5.548,40	5.429,75	9.924,71
13.08.2019	04:45:00	5.623,86	5.506,74	9.973,04
13.08.2019	05:00:00	5.643,19	5.520,44	9.949,99
13.08.2019	05:15:00	6.040,05	5.862,29	10.758,36
13.08.2019	05:30:00	5.966,65	5.733,63	10.931,64
13.08.2019	05:45:00	6.450,74	6.242,14	11.678,56
13.08.2019	06:00:00	6.411,79	6.203,10	12.350,96
13.08.2019	06:15:00	6.540,16	6.330,01	13.439,59
13.08.2019	06:30:00	6.744,29	6.527,12	14.050,56
13.08.2019	06:45:00	6.993,61	6.733,71	14.754,08
13.08.2019	07:00:00	7.193,61	6.889,93	15.327,58
13.08.2019	07:15:00	7.243,15	6.877,36	15.700,71
13.08.2019	07:30:00	7.395,92	6.957,75	15.940,74
13.08.2019	07:45:00	7.624,29	7.258,71	16.508,01
13.08.2019	08:00:00	7.684,52	7.389,95	17.100,95
13.08.2019	08:15:00	7.758,00	7.388,42	17.331,08
13.08.2019	08:30:00	7.563,04	6.868,02	16.898,00
13.08.2019	08:45:00	7.773,04	6.758,47	16.819,78
13.08.2019	09:00:00	7.878,01	6.502,75	16.579,69
13.08.2019	09:15:00	8.323,80	6.689,14	16.439,27
13.08.2019	09:30:00	9.008,42	6.905,49	16.694,44
13.08.2019	09:45:00	8.786,81	7.472,44	17.477,02
13.08.2019	10:00:00	8.663,60	5.972,32	16.143,46
13.08.2019	10:15:00	9.123,23	5.757,70	15.940,77
13.08.2019	10:30:00	9.252,04	5.750,70	15.975,08
13.08.2019	10:45:00	10.605,71	8.532,79	19.121,34
13.08.2019	11:00:00	9.633,74	8.321,46	18.815,80
13.08.2019	11:15:00	10.051,66	6.800,58	17.436,74
13.08.2019	11:30:00	10.291,00	7.515,09	18.241,65
13.08.2019	11:45:00	9.853,44	7.957,76	18.300,88
13.08.2019	12:00:00	10.896,06	9.839,88	20.398,68
13.08.2019	12:15:00	11.079,06	10.465,90	20.710,80
13.08.2019	12:30:00	10.844,81	9.052,73	18.862,42
13.08.2019	12:45:00	10.361,55	8.826,34	18.975,83
13.08.2019	13:00:00	9.744,43	6.359,14	16.473,72
13.08.2019	13:15:00	9.660,53	5.945,22	16.093,95
13.08.2019	13:30:00	10.099,95	6.544,25	17.017,57
13.08.2019	13:45:00	10.008,33	6.113,38	16.746,16
13.08.2019	14:00:00	9.743,59	5.785,52	16.332,05
13.08.2019	14:15:00	9.710,46	5.841,98	16.200,31
13.08.2019	14:30:00	9.132,00	5.623,48	15.800,68
13.08.2019	14:45:00	10.174,66	6.120,68	16.184,42
13.08.2019	15:00:00	9.197,71	5.381,77	15.297,60
13.08.2019	15:15:00	9.729,12	4.988,54	14.702,84
13.08.2019	15:30:00	9.458,69	5.585,22	15.133,96
13.08.2019	15:45:00	9.436,05	5.183,61	14.519,82
13.08.2019	16:00:00	9.448,80	5.347,68	14.443,17
13.08.2019	16:15:00	8.664,46	5.909,47	14.680,96
13.08.2019	16:30:00	9.395,27	6.249,10	14.892,91
13.08.2019	16:45:00	8.905,44	6.876,76	15.403,98
13.08.2019	17:00:00	9.349,25	7.034,16	15.446,95
13.08.2019	17:15:00	10.383,11	7.070,14	15.124,70
13.08.2019	17:30:00	10.600,84	7.458,15	15.210,74
13.08.2019	17:45:00	10.049,60	7.647,77	15.204,20
13.08.2019	18:00:00	10.042,28	7.942,76	15.552,98
13.08.2019	18:15:00	10.056,96	8.247,66	15.702,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.08.2019	18:30:00	10.533,52	8.317,41	15.630,71
13.08.2019	18:45:00	9.943,86	8.577,02	15.757,42
13.08.2019	19:00:00	9.787,00	8.963,99	15.956,82
13.08.2019	19:15:00	9.733,98	9.220,16	16.088,10
13.08.2019	19:30:00	9.787,87	9.453,90	16.354,31
13.08.2019	19:45:00	9.639,28	9.378,75	16.266,46
13.08.2019	20:00:00	9.524,74	9.369,34	16.219,38
13.08.2019	20:15:00	9.579,84	9.485,87	16.323,18
13.08.2019	20:30:00	9.547,30	9.504,91	16.137,72
13.08.2019	20:45:00	9.627,72	9.619,45	16.070,06
13.08.2019	21:00:00	9.674,09	9.671,36	16.275,48
13.08.2019	21:15:00	10.052,83	10.050,21	16.604,14
13.08.2019	21:30:00	10.057,42	10.054,11	16.451,01
13.08.2019	21:45:00	9.623,68	9.617,33	15.715,64
13.08.2019	22:00:00	9.307,19	9.297,55	15.224,21
13.08.2019	22:15:00	9.123,58	9.110,73	14.656,00
13.08.2019	22:30:00	8.906,22	8.889,49	14.271,05
13.08.2019	22:45:00	8.502,63	8.386,09	13.487,82
13.08.2019	23:00:00	8.099,35	7.965,58	12.823,61
13.08.2019	23:15:00	7.727,57	7.590,70	12.207,58
13.08.2019	23:30:00	7.361,71	7.221,54	11.855,74
13.08.2019	23:45:00	7.012,01	6.868,67	11.373,82
14.08.2019	00:00:00	6.738,29	6.592,12	11.019,54
14.08.2019	00:15:00	6.446,10	6.296,84	10.613,29
14.08.2019	00:30:00	6.201,56	6.073,65	10.344,54
14.08.2019	00:45:00	6.063,45	6.021,07	10.464,23
14.08.2019	01:00:00	5.952,69	5.955,52	10.352,92
14.08.2019	01:15:00	5.726,10	5.813,11	10.099,67
14.08.2019	01:30:00	5.635,03	5.726,38	9.984,75
14.08.2019	01:45:00	5.677,28	5.769,75	9.830,04
14.08.2019	02:00:00	5.448,60	5.539,17	9.664,66
14.08.2019	02:15:00	5.511,08	5.600,72	9.732,24
14.08.2019	02:30:00	5.475,67	5.566,27	9.754,76
14.08.2019	02:45:00	5.406,16	5.495,60	9.623,23
14.08.2019	03:00:00	5.305,63	5.395,90	9.660,42
14.08.2019	03:15:00	5.314,14	5.402,49	9.740,61
14.08.2019	03:30:00	5.233,69	5.323,06	9.612,26
14.08.2019	03:45:00	5.170,95	5.258,85	9.619,46
14.08.2019	04:00:00	5.257,99	5.346,18	9.692,36
14.08.2019	04:15:00	5.383,07	5.473,49	9.799,89
14.08.2019	04:30:00	5.460,15	5.543,08	9.817,66
14.08.2019	04:45:00	5.521,50	5.584,18	9.904,46
14.08.2019	05:00:00	5.536,90	5.606,18	10.139,84
14.08.2019	05:15:00	5.945,04	6.036,45	11.050,12
14.08.2019	05:30:00	6.005,93	6.114,91	11.399,76
14.08.2019	05:45:00	6.274,42	6.392,17	12.031,13
14.08.2019	06:00:00	6.638,86	6.754,62	12.987,45
14.08.2019	06:15:00	6.485,37	6.607,21	14.137,46
14.08.2019	06:30:00	6.946,75	7.002,87	15.013,92
14.08.2019	06:45:00	7.055,89	6.978,25	15.291,68
14.08.2019	07:00:00	7.234,36	7.116,25	15.901,89
14.08.2019	07:15:00	7.641,22	7.500,62	16.574,66
14.08.2019	07:30:00	7.524,81	7.167,57	16.599,46
14.08.2019	07:45:00	7.758,39	7.208,62	16.989,45
14.08.2019	08:00:00	8.107,29	7.472,44	17.383,09
14.08.2019	08:15:00	8.283,69	7.330,75	17.316,72
14.08.2019	08:30:00	8.297,81	7.527,47	17.794,68
14.08.2019	08:45:00	7.837,32	6.837,39	17.000,12
14.08.2019	09:00:00	7.867,49	6.518,23	16.576,56
14.08.2019	09:15:00	8.169,63	6.321,46	16.024,92
14.08.2019	09:30:00	8.792,49	6.463,17	16.170,59
14.08.2019	09:45:00	9.387,72	7.341,48	17.560,34
14.08.2019	10:00:00	9.505,64	7.384,19	17.845,33
14.08.2019	10:15:00	9.482,46	7.581,66	17.964,58
14.08.2019	10:30:00	9.050,70	5.376,36	15.631,81
14.08.2019	10:45:00	9.332,08	5.212,30	15.807,04
14.08.2019	11:00:00	9.418,79	4.949,30	15.446,30
14.08.2019	11:15:00	9.274,27	4.421,72	15.072,34
14.08.2019	11:30:00	9.907,04	5.376,96	15.993,61
14.08.2019	11:45:00	9.877,89	4.874,34	15.344,76
14.08.2019	12:00:00	10.210,38	7.114,74	17.662,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.08.2019	12:15:00	10.522,62	8.011,49	18.271,92
14.08.2019	12:30:00	10.329,37	6.860,75	16.884,65
14.08.2019	12:45:00	9.176,20	6.016,11	16.145,13
14.08.2019	13:00:00	9.303,37	4.110,28	14.255,30
14.08.2019	13:15:00	9.865,03	4.036,49	14.096,86
14.08.2019	13:30:00	9.244,56	5.787,53	15.896,82
14.08.2019	13:45:00	10.650,56	5.289,09	15.431,40
14.08.2019	14:00:00	9.274,21	3.951,05	13.970,44
14.08.2019	14:15:00	9.324,20	5.179,62	15.382,32
14.08.2019	14:30:00	9.463,62	3.667,11	13.749,75
14.08.2019	14:45:00	9.816,29	4.052,40	13.905,44
14.08.2019	15:00:00	9.396,78	3.619,56	13.378,49
14.08.2019	15:15:00	9.681,47	3.828,66	13.409,46
14.08.2019	15:30:00	9.516,88	3.907,87	13.097,80
14.08.2019	15:45:00	9.838,94	4.541,82	13.534,07
14.08.2019	16:00:00	9.727,60	4.759,84	13.465,67
14.08.2019	16:15:00	10.025,64	4.971,67	13.368,84
14.08.2019	16:30:00	10.296,17	5.301,04	13.566,22
14.08.2019	16:45:00	10.219,42	5.489,83	13.337,24
14.08.2019	17:00:00	10.144,94	6.273,49	13.915,35
14.08.2019	17:15:00	10.537,73	6.021,34	13.492,62
14.08.2019	17:30:00	10.410,43	6.248,93	13.551,75
14.08.2019	17:45:00	10.686,82	6.838,50	14.088,45
14.08.2019	18:00:00	10.836,44	7.296,62	14.340,35
14.08.2019	18:15:00	10.792,74	7.597,30	14.592,51
14.08.2019	18:30:00	10.737,08	7.919,99	14.717,46
14.08.2019	18:45:00	10.694,41	8.252,00	14.976,60
14.08.2019	19:00:00	10.487,35	8.431,05	15.030,43
14.08.2019	19:15:00	10.175,15	8.516,47	15.278,17
14.08.2019	19:30:00	9.996,55	8.712,00	15.513,65
14.08.2019	19:45:00	9.759,16	8.853,34	15.586,91
14.08.2019	20:00:00	9.491,62	8.908,75	15.606,06
14.08.2019	20:15:00	9.376,91	9.039,71	15.395,89
14.08.2019	20:30:00	9.386,93	9.192,47	15.346,69
14.08.2019	20:45:00	9.347,10	9.221,56	15.406,02
14.08.2019	21:00:00	9.333,20	9.227,09	15.346,22
14.08.2019	21:15:00	9.929,27	9.829,70	15.832,46
14.08.2019	21:30:00	10.106,75	10.013,38	15.866,64
14.08.2019	21:45:00	9.697,88	9.597,83	15.449,54
14.08.2019	22:00:00	9.257,14	9.156,96	14.872,34
14.08.2019	22:15:00	9.139,08	9.043,03	14.666,37
14.08.2019	22:30:00	8.718,22	8.618,89	13.868,13
14.08.2019	22:45:00	8.452,81	8.350,45	13.403,00
14.08.2019	23:00:00	8.116,30	8.009,95	12.934,48
14.08.2019	23:15:00	7.755,97	7.647,84	12.405,05
14.08.2019	23:30:00	7.374,79	7.262,10	11.897,53
14.08.2019	23:45:00	7.005,46	6.890,38	11.497,30
15.08.2019	00:00:00	6.695,03	6.577,44	11.061,61
15.08.2019	00:15:00	6.425,37	6.306,01	10.821,00
15.08.2019	00:30:00	6.076,07	5.952,13	10.274,10
15.08.2019	00:45:00	5.864,06	5.738,67	10.125,30
15.08.2019	01:00:00	5.752,41	5.638,14	10.051,21
15.08.2019	01:15:00	5.632,71	5.538,92	9.954,90
15.08.2019	01:30:00	5.627,78	5.539,75	9.956,62
15.08.2019	01:45:00	5.483,79	5.395,42	9.817,91
15.08.2019	02:00:00	5.529,09	5.439,89	9.812,48
15.08.2019	02:15:00	5.317,19	5.226,65	9.681,56
15.08.2019	02:30:00	5.463,22	5.372,40	9.838,77
15.08.2019	02:45:00	5.385,79	5.296,04	9.803,68
15.08.2019	03:00:00	5.348,08	5.257,14	9.691,67
15.08.2019	03:15:00	5.252,23	5.160,80	9.573,69
15.08.2019	03:30:00	5.179,33	5.088,17	9.592,64
15.08.2019	03:45:00	5.242,35	5.150,20	9.611,38
15.08.2019	04:00:00	5.150,36	5.057,97	9.548,27
15.08.2019	04:15:00	5.275,84	5.186,42	9.670,96
15.08.2019	04:30:00	5.255,57	5.166,43	9.718,42
15.08.2019	04:45:00	5.472,03	5.383,27	10.001,54
15.08.2019	05:00:00	5.565,11	5.470,89	10.265,04
15.08.2019	05:15:00	5.920,60	5.828,70	10.970,60
15.08.2019	05:30:00	5.959,81	5.881,44	11.533,23
15.08.2019	05:45:00	6.251,89	6.188,66	12.188,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.08.2019	06:00:00	6.413,62	6.353,34	13.012,10
15.08.2019	06:15:00	6.479,80	6.442,13	14.173,43
15.08.2019	06:30:00	6.734,58	6.650,57	14.749,37
15.08.2019	06:45:00	6.968,95	6.838,90	15.166,10
15.08.2019	07:00:00	7.338,06	7.162,83	15.893,52
15.08.2019	07:15:00	7.616,62	7.373,45	16.353,99
15.08.2019	07:30:00	7.915,89	7.622,44	16.850,66
15.08.2019	07:45:00	8.238,37	7.666,71	16.955,26
15.08.2019	08:00:00	8.168,14	7.445,38	16.981,99
15.08.2019	08:15:00	8.603,68	8.102,87	17.858,99
15.08.2019	08:30:00	8.889,00	8.506,54	18.587,88
15.08.2019	08:45:00	9.221,39	8.794,36	18.989,27
15.08.2019	09:00:00	9.391,89	8.981,40	19.386,25
15.08.2019	09:15:00	9.727,01	9.104,76	19.313,26
15.08.2019	09:30:00	9.814,94	9.223,96	19.495,27
15.08.2019	09:45:00	9.877,67	9.322,38	19.755,50
15.08.2019	10:00:00	10.112,96	9.664,03	20.178,81
15.08.2019	10:15:00	10.385,27	9.989,53	20.668,08
15.08.2019	10:30:00	10.481,74	9.602,60	20.314,16
15.08.2019	10:45:00	10.407,49	8.837,27	19.476,76
15.08.2019	11:00:00	9.887,76	6.505,60	17.226,98
15.08.2019	11:15:00	9.903,43	6.273,31	17.045,82
15.08.2019	11:30:00	9.705,48	5.352,89	16.044,90
15.08.2019	11:45:00	9.973,44	5.289,85	15.597,09
15.08.2019	12:00:00	10.102,75	5.341,88	15.781,43
15.08.2019	12:15:00	10.508,37	5.944,53	16.240,09
15.08.2019	12:30:00	11.043,20	7.146,77	17.178,03
15.08.2019	12:45:00	10.475,62	6.299,28	16.414,92
15.08.2019	13:00:00	10.373,89	5.691,58	15.852,26
15.08.2019	13:15:00	9.322,61	6.139,83	16.394,19
15.08.2019	13:30:00	10.382,61	4.560,15	14.757,64
15.08.2019	13:45:00	9.709,22	4.132,29	14.247,78
15.08.2019	14:00:00	8.790,29	5.612,33	15.693,48
15.08.2019	14:15:00	9.149,75	6.480,12	16.508,90
15.08.2019	14:30:00	9.442,00	7.285,98	17.319,32
15.08.2019	14:45:00	9.669,78	7.619,76	17.538,68
15.08.2019	15:00:00	9.733,64	8.804,20	18.798,26
15.08.2019	15:15:00	10.039,30	9.421,37	19.309,22
15.08.2019	15:30:00	9.809,32	8.267,47	17.763,56
15.08.2019	15:45:00	9.644,99	6.738,90	15.536,84
15.08.2019	16:00:00	9.520,99	5.558,16	14.056,57
15.08.2019	16:15:00	10.425,53	4.798,94	12.949,81
15.08.2019	16:30:00	9.697,29	6.888,63	15.276,40
15.08.2019	16:45:00	10.724,28	6.137,65	14.378,04
15.08.2019	17:00:00	9.736,44	6.274,77	14.465,34
15.08.2019	17:15:00	10.655,79	6.044,67	13.989,16
15.08.2019	17:30:00	10.840,43	6.737,86	14.586,89
15.08.2019	17:45:00	10.915,64	7.693,45	15.500,18
15.08.2019	18:00:00	10.100,67	9.265,16	17.007,20
15.08.2019	18:15:00	10.065,71	9.617,71	17.077,55
15.08.2019	18:30:00	10.195,75	9.778,09	16.942,38
15.08.2019	18:45:00	10.060,22	9.222,33	16.168,46
15.08.2019	19:00:00	9.863,46	9.466,40	16.536,56
15.08.2019	19:15:00	9.912,78	9.564,91	16.505,50
15.08.2019	19:30:00	9.736,53	9.448,94	16.353,19
15.08.2019	19:45:00	9.719,97	9.287,49	16.141,44
15.08.2019	20:00:00	9.709,12	9.585,52	16.457,40
15.08.2019	20:15:00	9.948,74	9.866,60	16.701,02
15.08.2019	20:30:00	9.932,66	9.858,94	16.488,66
15.08.2019	20:45:00	9.986,87	9.932,45	16.394,23
15.08.2019	21:00:00	10.139,97	10.089,70	16.356,62
15.08.2019	21:15:00	10.241,57	10.178,52	16.299,40
15.08.2019	21:30:00	10.100,72	10.035,76	16.117,21
15.08.2019	21:45:00	9.628,49	9.556,33	15.458,55
15.08.2019	22:00:00	9.225,03	9.149,06	14.801,89
15.08.2019	22:15:00	8.979,21	8.902,25	14.421,60
15.08.2019	22:30:00	8.791,94	8.709,76	13.943,78
15.08.2019	22:45:00	8.513,03	8.429,09	13.514,91
15.08.2019	23:00:00	8.148,43	8.062,01	13.019,16
15.08.2019	23:15:00	7.665,97	7.576,66	12.499,99
15.08.2019	23:30:00	7.224,74	7.131,01	12.021,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.08.2019	23:45:00	6.941,08	6.750,31	11.640,49
16.08.2019	00:00:00	6.570,80	6.357,69	11.092,63
16.08.2019	00:15:00	6.338,84	6.125,60	10.851,71
16.08.2019	00:30:00	6.154,51	5.939,66	10.530,11
16.08.2019	00:45:00	5.879,51	5.662,00	10.238,75
16.08.2019	01:00:00	5.766,53	5.557,94	10.239,35
16.08.2019	01:15:00	5.663,56	5.476,47	10.206,76
16.08.2019	01:30:00	5.558,21	5.412,22	10.066,07
16.08.2019	01:45:00	5.467,80	5.393,69	10.069,62
16.08.2019	02:00:00	5.408,10	5.334,85	10.052,16
16.08.2019	02:15:00	5.411,00	5.336,04	9.981,40
16.08.2019	02:30:00	5.347,16	5.271,67	9.899,46
16.08.2019	02:45:00	5.286,93	5.211,84	9.501,48
16.08.2019	03:00:00	5.242,89	5.166,30	9.368,61
16.08.2019	03:15:00	5.252,82	5.175,70	9.440,23
16.08.2019	03:30:00	5.197,45	5.120,42	9.433,86
16.08.2019	03:45:00	5.184,04	5.107,94	9.335,52
16.08.2019	04:00:00	5.199,19	5.121,92	9.309,30
16.08.2019	04:15:00	5.266,88	5.190,86	9.305,64
16.08.2019	04:30:00	5.337,16	5.260,75	9.391,95
16.08.2019	04:45:00	5.373,16	5.297,93	9.499,24
16.08.2019	05:00:00	5.501,08	5.421,69	9.819,36
16.08.2019	05:15:00	5.927,40	5.857,53	10.585,08
16.08.2019	05:30:00	6.008,29	5.959,74	10.926,15
16.08.2019	05:45:00	6.276,28	6.230,72	11.523,91
16.08.2019	06:00:00	6.431,37	6.393,11	12.276,97
16.08.2019	06:15:00	6.464,99	6.431,75	13.554,09
16.08.2019	06:30:00	6.634,27	6.610,45	14.190,42
16.08.2019	06:45:00	6.893,32	6.801,62	14.677,48
16.08.2019	07:00:00	7.175,95	7.057,77	15.218,97
16.08.2019	07:15:00	7.423,66	7.250,36	15.703,30
16.08.2019	07:30:00	7.507,63	7.251,09	15.980,08
16.08.2019	07:45:00	7.599,12	7.272,93	16.255,44
16.08.2019	08:00:00	7.625,15	7.231,40	16.486,66
16.08.2019	08:15:00	7.550,85	7.065,14	16.704,01
16.08.2019	08:30:00	7.696,71	7.070,83	16.839,34
16.08.2019	08:45:00	7.713,20	6.822,67	16.849,25
16.08.2019	09:00:00	8.011,21	6.675,52	16.702,60
16.08.2019	09:15:00	9.133,11	8.027,56	17.645,88
16.08.2019	09:30:00	9.666,62	8.617,74	18.273,80
16.08.2019	09:45:00	9.578,40	8.324,60	18.281,86
16.08.2019	10:00:00	9.295,54	7.860,65	18.037,90
16.08.2019	10:15:00	9.027,65	6.222,48	16.317,85
16.08.2019	10:30:00	9.024,04	5.876,68	16.041,62
16.08.2019	10:45:00	9.702,70	5.818,13	16.173,20
16.08.2019	11:00:00	9.928,08	6.554,03	17.046,65
16.08.2019	11:15:00	9.779,43	7.584,84	18.060,81
16.08.2019	11:30:00	8.977,26	7.721,88	18.078,84
16.08.2019	11:45:00	9.248,79	6.174,99	16.428,03
16.08.2019	12:00:00	10.046,61	4.893,15	14.776,08
16.08.2019	12:15:00	9.708,72	5.134,66	14.627,77
16.08.2019	12:30:00	10.549,94	5.102,91	14.381,63
16.08.2019	12:45:00	9.869,36	4.443,63	13.770,75
16.08.2019	13:00:00	10.091,02	4.428,03	13.872,98
16.08.2019	13:15:00	10.255,53	5.028,91	14.453,02
16.08.2019	13:30:00	10.622,51	4.906,17	14.371,01
16.08.2019	13:45:00	10.080,59	4.310,98	13.696,20
16.08.2019	14:00:00	9.861,38	4.427,76	13.711,73
16.08.2019	14:15:00	9.558,21	4.322,01	13.342,88
16.08.2019	14:30:00	9.568,73	4.864,13	13.662,39
16.08.2019	14:45:00	10.112,23	4.127,80	12.784,16
16.08.2019	15:00:00	9.657,66	4.575,16	13.159,30
16.08.2019	15:15:00	9.340,39	5.440,33	14.074,34
16.08.2019	15:30:00	8.408,95	5.007,18	13.229,16
16.08.2019	15:45:00	9.668,47	4.103,31	11.992,45
16.08.2019	16:00:00	9.998,58	4.491,26	12.301,53
16.08.2019	16:15:00	10.072,78	4.630,64	12.043,10
16.08.2019	16:30:00	10.150,47	5.125,90	12.458,82
16.08.2019	16:45:00	10.125,76	5.579,55	12.799,18
16.08.2019	17:00:00	10.017,43	6.121,69	13.217,78
16.08.2019	17:15:00	10.377,55	5.716,36	12.616,85

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.08.2019	17:30:00	10.698,18	6.458,13	13.244,61
16.08.2019	17:45:00	10.858,41	6.999,08	13.702,03
16.08.2019	18:00:00	10.810,46	7.408,92	13.947,26
16.08.2019	18:15:00	10.845,36	7.922,75	14.375,80
16.08.2019	18:30:00	10.652,13	8.442,96	14.743,56
16.08.2019	18:45:00	10.551,99	8.409,86	14.717,88
16.08.2019	19:00:00	10.210,86	8.411,53	14.638,74
16.08.2019	19:15:00	9.995,40	8.645,65	14.887,98
16.08.2019	19:30:00	9.687,04	9.031,69	14.925,22
16.08.2019	19:45:00	9.634,58	9.037,76	14.641,46
16.08.2019	20:00:00	9.348,75	8.846,14	14.288,90
16.08.2019	20:15:00	9.125,23	8.871,90	14.114,29
16.08.2019	20:30:00	9.039,22	8.920,35	14.065,47
16.08.2019	20:45:00	9.166,50	9.094,31	14.165,03
16.08.2019	21:00:00	9.261,23	9.195,82	14.135,61
16.08.2019	21:15:00	9.824,55	9.760,22	14.524,28
16.08.2019	21:30:00	9.861,50	9.794,16	14.396,14
16.08.2019	21:45:00	9.539,68	9.471,98	13.915,44
16.08.2019	22:00:00	9.178,07	9.105,82	13.570,75
16.08.2019	22:15:00	9.104,74	9.032,49	13.362,18
16.08.2019	22:30:00	8.972,59	8.900,66	13.161,54
16.08.2019	22:45:00	8.856,25	8.781,55	12.787,43
16.08.2019	23:00:00	8.528,35	8.450,56	12.380,30
16.08.2019	23:15:00	8.075,62	7.992,09	11.954,81
16.08.2019	23:30:00	7.686,72	7.599,17	11.575,86
16.08.2019	23:45:00	7.434,69	7.341,71	11.187,44
17.08.2019	00:00:00	7.034,93	6.937,40	10.732,54
17.08.2019	00:15:00	6.689,78	6.589,44	10.408,76
17.08.2019	00:30:00	6.405,94	6.303,20	9.970,05
17.08.2019	00:45:00	6.160,17	6.056,26	9.815,38
17.08.2019	01:00:00	6.017,70	5.923,77	9.948,58
17.08.2019	01:15:00	5.882,67	5.817,42	9.841,32
17.08.2019	01:30:00	5.802,92	5.744,99	9.778,13
17.08.2019	01:45:00	5.700,24	5.639,44	9.618,22
17.08.2019	02:00:00	5.633,55	5.574,47	9.370,68
17.08.2019	02:15:00	5.507,36	5.444,56	9.410,30
17.08.2019	02:30:00	5.452,91	5.392,82	9.350,27
17.08.2019	02:45:00	5.408,23	5.344,25	9.200,48
17.08.2019	03:00:00	5.355,15	5.294,79	9.195,20
17.08.2019	03:15:00	5.279,27	5.216,38	9.114,00
17.08.2019	03:30:00	5.221,24	5.156,36	9.008,62
17.08.2019	03:45:00	5.211,50	5.201,18	9.094,96
17.08.2019	04:00:00	5.246,44	5.262,34	9.107,46
17.08.2019	04:15:00	5.322,98	5.338,73	9.022,85
17.08.2019	04:30:00	5.342,72	5.360,88	9.207,26
17.08.2019	04:45:00	5.361,40	5.381,38	9.283,11
17.08.2019	05:00:00	5.309,48	5.332,26	9.310,82
17.08.2019	05:15:00	5.479,52	5.493,15	9.647,04
17.08.2019	05:30:00	5.476,19	5.499,62	9.732,42
17.08.2019	05:45:00	5.637,08	5.663,23	9.835,23
17.08.2019	06:00:00	5.767,32	5.831,58	10.233,10
17.08.2019	06:15:00	5.928,42	6.031,55	10.615,07
17.08.2019	06:30:00	5.837,02	5.948,82	10.655,11
17.08.2019	06:45:00	5.938,99	5.944,26	10.546,18
17.08.2019	07:00:00	6.306,86	6.327,93	11.118,95
17.08.2019	07:15:00	6.526,62	6.549,05	11.329,57
17.08.2019	07:30:00	6.756,00	6.721,77	11.661,28
17.08.2019	07:45:00	6.931,05	6.784,65	11.696,98
17.08.2019	08:00:00	7.240,05	6.996,85	11.895,42
17.08.2019	08:15:00	7.680,30	7.300,36	12.322,85
17.08.2019	08:30:00	7.729,95	7.139,60	12.164,98
17.08.2019	08:45:00	8.004,66	7.051,09	12.009,55
17.08.2019	09:00:00	8.263,79	7.230,10	12.306,46
17.08.2019	09:15:00	8.527,07	7.213,78	12.368,68
17.08.2019	09:30:00	8.728,81	7.371,71	12.413,44
17.08.2019	09:45:00	8.823,29	7.032,68	12.161,04
17.08.2019	10:00:00	9.141,14	7.506,16	12.839,32
17.08.2019	10:15:00	9.224,61	7.115,29	12.347,22
17.08.2019	10:30:00	9.300,44	7.085,67	11.989,28
17.08.2019	10:45:00	9.738,68	8.013,94	12.935,29
17.08.2019	11:00:00	9.768,32	8.139,89	13.076,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.08.2019	11:15:00	10.032,84	8.446,54	13.405,60
17.08.2019	11:30:00	10.215,80	8.734,09	13.743,17
17.08.2019	11:45:00	10.437,24	8.898,28	13.918,07
17.08.2019	12:00:00	10.551,44	8.722,41	13.569,69
17.08.2019	12:15:00	10.341,19	8.864,24	13.608,16
17.08.2019	12:30:00	10.378,36	8.777,67	13.406,08
17.08.2019	12:45:00	10.326,82	7.955,65	12.482,55
17.08.2019	13:00:00	10.058,68	6.696,27	11.217,69
17.08.2019	13:15:00	9.646,53	5.458,04	10.060,15
17.08.2019	13:30:00	9.693,74	5.843,01	10.540,08
17.08.2019	13:45:00	9.685,29	7.091,52	11.783,22
17.08.2019	14:00:00	9.481,49	7.960,41	12.725,34
17.08.2019	14:15:00	9.520,90	8.387,99	13.048,67
17.08.2019	14:30:00	9.197,90	7.759,26	12.339,27
17.08.2019	14:45:00	9.025,90	7.228,05	11.741,92
17.08.2019	15:00:00	9.004,09	6.402,52	10.850,18
17.08.2019	15:15:00	8.762,72	6.684,03	11.151,74
17.08.2019	15:30:00	8.817,76	5.753,16	10.180,01
17.08.2019	15:45:00	8.572,20	6.514,35	10.960,40
17.08.2019	16:00:00	8.685,02	7.413,09	11.861,78
17.08.2019	16:15:00	8.785,39	7.699,99	12.173,65
17.08.2019	16:30:00	8.863,88	7.748,44	12.176,30
17.08.2019	16:45:00	8.730,78	7.687,91	12.446,86
17.08.2019	17:00:00	8.900,60	8.337,25	13.209,32
17.08.2019	17:15:00	8.985,35	8.567,77	13.417,46
17.08.2019	17:30:00	9.061,29	8.447,23	13.193,11
17.08.2019	17:45:00	9.181,62	8.746,36	13.616,83
17.08.2019	18:00:00	9.253,23	8.711,34	13.515,78
17.08.2019	18:15:00	9.312,29	8.812,22	13.519,20
17.08.2019	18:30:00	9.430,15	9.113,08	13.690,38
17.08.2019	18:45:00	9.567,29	9.372,17	13.977,36
17.08.2019	19:00:00	9.600,36	9.376,74	13.930,57
17.08.2019	19:15:00	9.450,49	9.073,79	13.653,07
17.08.2019	19:30:00	9.293,97	9.061,01	13.584,02
17.08.2019	19:45:00	9.265,11	9.089,88	13.636,70
17.08.2019	20:00:00	9.311,80	9.207,76	13.782,71
17.08.2019	20:15:00	9.228,62	9.136,54	13.613,53
17.08.2019	20:30:00	9.168,89	9.105,00	13.598,77
17.08.2019	20:45:00	9.303,25	9.239,99	13.708,89
17.08.2019	21:00:00	9.623,84	9.562,34	14.000,64
17.08.2019	21:15:00	9.658,86	9.599,51	13.887,56
17.08.2019	21:30:00	9.469,23	9.407,41	13.722,86
17.08.2019	21:45:00	9.146,22	9.102,73	13.442,89
17.08.2019	22:00:00	8.903,26	8.924,09	13.289,07
17.08.2019	22:15:00	8.665,65	8.683,03	12.916,10
17.08.2019	22:30:00	8.530,61	8.548,05	12.685,92
17.08.2019	22:45:00	8.253,75	8.270,40	12.191,88
17.08.2019	23:00:00	8.139,41	8.151,51	12.079,81
17.08.2019	23:15:00	7.757,73	7.766,79	11.630,66
17.08.2019	23:30:00	7.462,34	7.470,00	11.489,82
17.08.2019	23:45:00	7.104,84	7.107,94	11.134,55
18.08.2019	00:00:00	6.909,54	6.912,15	10.895,07
18.08.2019	00:15:00	6.581,16	6.578,94	10.520,91
18.08.2019	00:30:00	6.367,24	6.363,27	10.253,76
18.08.2019	00:45:00	6.082,93	6.077,25	9.846,38
18.08.2019	01:00:00	5.939,40	5.943,42	9.655,41
18.08.2019	01:15:00	5.854,52	5.887,37	9.638,09
18.08.2019	01:30:00	5.626,05	5.662,39	9.424,16
18.08.2019	01:45:00	5.568,78	5.605,72	9.340,34
18.08.2019	02:00:00	5.458,33	5.493,67	9.256,77
18.08.2019	02:15:00	5.379,85	5.414,93	9.146,10
18.08.2019	02:30:00	5.353,02	5.388,29	9.055,98
18.08.2019	02:45:00	5.251,48	5.284,89	8.722,02
18.08.2019	03:00:00	5.269,49	5.303,91	8.672,20
18.08.2019	03:15:00	5.259,93	5.294,23	8.660,13
18.08.2019	03:30:00	5.111,56	5.143,67	8.609,42
18.08.2019	03:45:00	5.109,79	5.141,86	8.590,74
18.08.2019	04:00:00	5.090,04	5.122,85	8.487,66
18.08.2019	04:15:00	5.191,94	5.225,38	8.485,00
18.08.2019	04:30:00	5.223,35	5.253,79	8.587,37
18.08.2019	04:45:00	5.220,29	5.244,15	8.540,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.08.2019	05:00:00	5.179,96	5.191,24	8.504,68
18.08.2019	05:15:00	5.261,21	5.243,67	8.618,56
18.08.2019	05:30:00	5.244,47	5.227,26	8.576,78
18.08.2019	05:45:00	5.386,73	5.318,09	8.602,28
18.08.2019	06:00:00	5.380,71	5.257,16	8.711,27
18.08.2019	06:15:00	5.358,09	5.239,36	8.684,16
18.08.2019	06:30:00	5.160,71	5.034,58	8.421,43
18.08.2019	06:45:00	5.252,04	5.075,57	8.482,92
18.08.2019	07:00:00	5.342,61	5.114,22	8.601,48
18.08.2019	07:15:00	5.453,40	5.180,10	8.541,06
18.08.2019	07:30:00	5.453,72	5.130,59	8.520,46
18.08.2019	07:45:00	5.449,00	5.068,59	8.478,22
18.08.2019	08:00:00	5.507,24	5.161,46	8.468,69
18.08.2019	08:15:00	5.633,46	5.225,36	8.502,34
18.08.2019	08:30:00	5.697,12	5.097,99	8.383,81
18.08.2019	08:45:00	5.943,23	5.066,92	8.389,90
18.08.2019	09:00:00	6.153,02	4.941,31	8.552,18
18.08.2019	09:15:00	6.433,85	4.870,13	8.554,37
18.08.2019	09:30:00	6.615,84	4.656,04	8.395,19
18.08.2019	09:45:00	6.930,04	4.592,07	8.283,49
18.08.2019	10:00:00	7.168,79	4.452,37	8.154,33
18.08.2019	10:15:00	7.470,26	4.412,29	8.261,87
18.08.2019	10:30:00	7.803,84	4.427,42	8.381,26
18.08.2019	10:45:00	8.015,82	4.352,37	8.196,27
18.08.2019	11:00:00	8.134,20	4.207,14	8.019,83
18.08.2019	11:15:00	8.416,10	4.237,04	8.059,31
18.08.2019	11:30:00	8.626,89	4.239,42	8.274,09
18.08.2019	11:45:00	8.874,85	4.274,35	8.235,87
18.08.2019	12:00:00	9.108,76	4.284,56	8.195,93
18.08.2019	12:15:00	9.078,89	4.043,50	7.949,60
18.08.2019	12:30:00	9.122,79	3.882,32	7.804,56
18.08.2019	12:45:00	8.924,86	3.578,92	7.529,68
18.08.2019	13:00:00	8.810,20	3.383,67	7.301,09
18.08.2019	13:15:00	8.723,08	3.225,67	7.184,60
18.08.2019	13:30:00	8.673,27	3.140,74	7.103,45
18.08.2019	13:45:00	8.456,94	2.909,26	6.914,20
18.08.2019	14:00:00	8.405,66	2.805,69	6.879,36
18.08.2019	14:15:00	8.447,52	2.805,53	6.860,86
18.08.2019	14:30:00	8.250,66	2.598,69	6.645,52
18.08.2019	14:45:00	8.138,57	2.589,33	6.636,07
18.08.2019	15:00:00	8.130,37	2.676,14	6.708,94
18.08.2019	15:15:00	8.285,03	2.935,67	6.911,84
18.08.2019	15:30:00	8.167,67	3.004,29	7.064,36
18.08.2019	15:45:00	8.617,99	3.546,04	7.531,48
18.08.2019	16:00:00	8.360,42	3.288,03	7.203,86
18.08.2019	16:15:00	8.475,02	3.527,80	7.445,46
18.08.2019	16:30:00	8.576,57	3.759,38	7.723,30
18.08.2019	16:45:00	8.844,90	4.216,75	8.377,22
18.08.2019	17:00:00	9.024,39	4.667,58	8.817,28
18.08.2019	17:15:00	8.353,43	6.506,73	10.650,10
18.08.2019	17:30:00	8.477,37	7.913,28	12.249,48
18.08.2019	17:45:00	8.960,71	8.235,39	12.548,22
18.08.2019	18:00:00	9.261,36	6.342,17	10.424,44
18.08.2019	18:15:00	9.620,41	7.033,12	11.152,33
18.08.2019	18:30:00	9.483,76	7.630,28	11.740,24
18.08.2019	18:45:00	9.418,89	7.609,32	11.681,19
18.08.2019	19:00:00	9.276,18	7.983,98	12.129,36
18.08.2019	19:15:00	8.961,03	8.433,94	12.609,32
18.08.2019	19:30:00	8.966,03	8.640,12	12.803,90
18.08.2019	19:45:00	8.800,71	8.617,77	12.465,34
18.08.2019	20:00:00	8.867,88	8.740,35	12.545,78
18.08.2019	20:15:00	8.876,08	8.810,28	12.587,78
18.08.2019	20:30:00	8.749,25	8.729,99	12.510,60
18.08.2019	20:45:00	8.745,63	8.745,83	12.482,13
18.08.2019	21:00:00	9.180,72	9.185,80	13.029,96
18.08.2019	21:15:00	9.408,60	9.414,08	13.284,10
18.08.2019	21:30:00	9.363,31	9.365,53	13.272,14
18.08.2019	21:45:00	9.032,02	9.033,73	12.846,81
18.08.2019	22:00:00	8.834,80	8.833,28	12.674,17
18.08.2019	22:15:00	8.629,19	8.627,26	12.513,04
18.08.2019	22:30:00	8.391,85	8.385,50	12.389,49

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.08.2019	22:45:00	8.165,25	8.157,00	12.091,06
18.08.2019	23:00:00	7.895,46	7.885,44	11.794,15
18.08.2019	23:15:00	7.481,05	7.466,85	11.315,32
18.08.2019	23:30:00	7.036,89	7.018,28	10.848,15
18.08.2019	23:45:00	6.756,60	6.736,71	10.554,89
19.08.2019	00:00:00	6.449,76	6.425,79	10.387,20
19.08.2019	00:15:00	6.200,11	6.172,73	10.052,44
19.08.2019	00:30:00	5.890,62	5.859,95	9.931,32
19.08.2019	00:45:00	5.791,05	5.760,48	10.110,60
19.08.2019	01:00:00	5.703,00	5.683,51	10.087,73
19.08.2019	01:15:00	5.543,94	5.480,81	9.855,66
19.08.2019	01:30:00	5.440,27	5.343,62	9.732,84
19.08.2019	01:45:00	5.457,38	5.361,85	9.723,34
19.08.2019	02:00:00	5.357,82	5.261,62	9.538,13
19.08.2019	02:15:00	5.310,84	5.209,52	9.353,56
19.08.2019	02:30:00	5.215,44	5.089,98	9.325,82
19.08.2019	02:45:00	5.139,60	4.982,01	9.252,14
19.08.2019	03:00:00	5.148,99	4.968,48	9.218,10
19.08.2019	03:15:00	5.084,79	4.933,19	9.191,65
19.08.2019	03:30:00	5.119,37	5.043,54	9.454,23
19.08.2019	03:45:00	5.129,72	5.053,48	9.316,96
19.08.2019	04:00:00	5.177,16	5.091,72	9.355,06
19.08.2019	04:15:00	5.287,39	5.191,66	9.556,22
19.08.2019	04:30:00	5.377,83	5.281,92	9.684,67
19.08.2019	04:45:00	5.473,76	5.380,54	9.735,76
19.08.2019	05:00:00	5.529,07	5.436,21	9.919,92
19.08.2019	05:15:00	5.860,69	5.765,83	11.138,40
19.08.2019	05:30:00	5.922,88	5.844,66	11.579,91
19.08.2019	05:45:00	6.289,83	6.237,23	12.285,11
19.08.2019	06:00:00	6.397,47	6.339,42	13.221,15
19.08.2019	06:15:00	6.789,29	6.745,22	14.678,77
19.08.2019	06:30:00	6.681,98	6.659,17	15.206,61
19.08.2019	06:45:00	6.916,92	6.886,28	15.911,47
19.08.2019	07:00:00	7.307,63	7.235,51	16.730,79
19.08.2019	07:15:00	7.570,01	7.473,67	17.565,98
19.08.2019	07:30:00	7.743,41	7.561,29	18.031,74
19.08.2019	07:45:00	7.957,90	7.778,13	18.575,39
19.08.2019	08:00:00	8.340,92	8.118,06	19.318,48
19.08.2019	08:15:00	8.812,22	8.664,45	19.779,94
19.08.2019	08:30:00	8.946,71	8.764,74	19.951,72
19.08.2019	08:45:00	9.043,35	8.752,54	20.216,16
19.08.2019	09:00:00	9.284,80	8.723,02	20.091,40
19.08.2019	09:15:00	9.596,03	9.014,84	20.156,77
19.08.2019	09:30:00	9.399,06	8.268,92	19.276,76
19.08.2019	09:45:00	9.264,12	7.874,33	19.111,96
19.08.2019	10:00:00	9.713,62	9.196,74	20.527,21
19.08.2019	10:15:00	9.993,02	9.521,87	20.873,78
19.08.2019	10:30:00	10.132,05	9.429,42	20.639,08
19.08.2019	10:45:00	10.530,13	9.452,97	20.677,34
19.08.2019	11:00:00	10.509,06	9.035,82	20.580,79
19.08.2019	11:15:00	10.872,26	9.220,62	20.945,79
19.08.2019	11:30:00	11.092,79	9.013,99	20.576,66
19.08.2019	11:45:00	10.974,50	9.864,00	21.374,48
19.08.2019	12:00:00	11.333,07	9.766,90	21.167,18
19.08.2019	12:15:00	10.967,21	8.882,81	19.704,13
19.08.2019	12:30:00	11.020,07	8.741,29	19.287,90
19.08.2019	12:45:00	10.469,37	8.344,53	19.091,98
19.08.2019	13:00:00	10.535,82	9.808,42	20.823,58
19.08.2019	13:15:00	10.485,93	6.423,62	17.141,44
19.08.2019	13:30:00	10.118,40	7.143,82	18.039,42
19.08.2019	13:45:00	10.025,10	6.785,69	17.824,48
19.08.2019	14:00:00	10.724,22	6.055,71	16.809,58
19.08.2019	14:15:00	10.073,16	6.849,43	17.621,76
19.08.2019	14:30:00	10.358,00	7.104,01	17.696,16
19.08.2019	14:45:00	10.163,31	7.109,10	17.243,98
19.08.2019	15:00:00	9.665,00	5.740,13	15.575,90
19.08.2019	15:15:00	9.829,64	6.425,70	16.214,01
19.08.2019	15:30:00	9.739,16	7.403,95	16.856,98
19.08.2019	15:45:00	9.704,83	7.506,54	16.685,94
19.08.2019	16:00:00	9.658,94	7.762,03	16.708,89
19.08.2019	16:15:00	9.716,92	7.054,19	15.497,74

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.08.2019	16:30:00	9.446,25	7.697,63	16.010,94
19.08.2019	16:45:00	9.626,81	8.201,16	16.603,06
19.08.2019	17:00:00	9.927,37	7.764,51	15.866,34
19.08.2019	17:15:00	9.703,63	7.330,38	15.238,92
19.08.2019	17:30:00	10.208,93	8.123,98	15.868,75
19.08.2019	17:45:00	10.041,03	8.638,40	16.240,40
19.08.2019	18:00:00	10.158,06	8.407,33	15.875,25
19.08.2019	18:15:00	10.011,81	8.840,44	16.171,14
19.08.2019	18:30:00	9.999,73	9.176,45	16.313,45
19.08.2019	18:45:00	10.059,63	9.051,30	16.183,64
19.08.2019	19:00:00	9.883,32	9.324,00	16.397,36
19.08.2019	19:15:00	9.949,55	9.624,85	16.597,38
19.08.2019	19:30:00	10.136,05	9.734,30	16.612,64
19.08.2019	19:45:00	9.927,21	9.523,07	16.222,65
19.08.2019	20:00:00	9.742,78	9.409,42	16.054,58
19.08.2019	20:15:00	9.708,74	9.411,27	15.956,15
19.08.2019	20:30:00	9.672,81	9.443,87	15.870,65
19.08.2019	20:45:00	9.704,39	9.510,94	15.829,27
19.08.2019	21:00:00	9.935,68	9.741,76	15.933,53
19.08.2019	21:15:00	9.977,86	9.778,50	15.964,96
19.08.2019	21:30:00	9.922,67	9.721,75	15.823,42
19.08.2019	21:45:00	9.501,12	9.306,69	15.219,97
19.08.2019	22:00:00	9.217,23	9.021,29	14.651,00
19.08.2019	22:15:00	8.942,58	8.741,48	14.098,88
19.08.2019	22:30:00	8.723,82	8.521,60	13.663,99
19.08.2019	22:45:00	8.330,02	8.124,35	13.095,58
19.08.2019	23:00:00	7.976,46	7.766,06	12.695,29
19.08.2019	23:15:00	7.600,82	7.388,30	12.217,68
19.08.2019	23:30:00	7.236,43	7.021,32	11.916,90
19.08.2019	23:45:00	6.903,40	6.685,69	11.560,72
20.08.2019	00:00:00	6.560,80	6.339,08	11.035,00
20.08.2019	00:15:00	6.308,14	6.083,09	10.799,31
20.08.2019	00:30:00	6.011,63	5.783,02	10.354,75
20.08.2019	00:45:00	5.815,68	5.584,47	10.313,52
20.08.2019	01:00:00	5.745,08	5.524,26	10.241,97
20.08.2019	01:15:00	5.583,75	5.389,77	10.217,71
20.08.2019	01:30:00	5.474,88	5.286,31	10.052,55
20.08.2019	01:45:00	5.501,65	5.311,63	9.983,22
20.08.2019	02:00:00	5.385,24	5.193,09	9.832,37
20.08.2019	02:15:00	5.351,51	5.160,96	9.768,94
20.08.2019	02:30:00	5.196,91	5.014,80	9.721,90
20.08.2019	02:45:00	5.191,47	5.005,80	9.595,56
20.08.2019	03:00:00	5.145,13	4.955,94	9.534,97
20.08.2019	03:15:00	5.218,96	5.031,66	9.268,15
20.08.2019	03:30:00	5.071,13	4.883,32	9.163,05
20.08.2019	03:45:00	5.089,53	4.902,48	9.226,83
20.08.2019	04:00:00	5.150,42	4.964,76	9.215,95
20.08.2019	04:15:00	5.261,31	5.075,95	9.384,98
20.08.2019	04:30:00	5.401,88	5.217,14	9.407,01
20.08.2019	04:45:00	5.443,63	5.261,97	9.639,90
20.08.2019	05:00:00	5.557,74	5.374,47	9.924,12
20.08.2019	05:15:00	5.979,72	5.836,86	10.920,54
20.08.2019	05:30:00	5.959,33	5.875,87	11.145,39
20.08.2019	05:45:00	6.213,71	6.137,94	11.921,53
20.08.2019	06:00:00	6.394,97	6.314,26	12.756,30
20.08.2019	06:15:00	6.817,65	6.750,57	14.767,39
20.08.2019	06:30:00	6.699,06	6.647,50	15.343,38
20.08.2019	06:45:00	7.011,13	6.943,97	16.038,21
20.08.2019	07:00:00	7.189,37	7.063,85	16.489,70
20.08.2019	07:15:00	7.472,56	7.321,15	17.136,02
20.08.2019	07:30:00	7.707,10	7.449,33	17.280,47
20.08.2019	07:45:00	7.876,61	7.506,64	17.806,38
20.08.2019	08:00:00	8.118,66	7.710,04	18.335,30
20.08.2019	08:15:00	8.405,76	7.849,16	18.597,85
20.08.2019	08:30:00	8.679,77	7.955,48	18.953,89
20.08.2019	08:45:00	8.827,50	7.727,61	19.028,73
20.08.2019	09:00:00	9.006,67	8.164,89	19.438,18
20.08.2019	09:15:00	9.353,58	8.406,71	19.072,81
20.08.2019	09:30:00	9.584,78	8.278,82	18.741,15
20.08.2019	09:45:00	9.712,03	9.106,89	19.989,56
20.08.2019	10:00:00	10.013,88	9.224,01	20.821,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.08.2019	10:15:00	10.162,80	9.710,67	21.207,90
20.08.2019	10:30:00	10.146,64	9.812,08	21.293,09
20.08.2019	10:45:00	10.360,82	9.933,51	21.584,35
20.08.2019	11:00:00	10.444,20	9.919,61	21.657,55
20.08.2019	11:15:00	10.693,92	10.043,13	21.807,49
20.08.2019	11:30:00	10.863,74	10.243,64	21.898,68
20.08.2019	11:45:00	10.992,78	10.446,48	22.355,44
20.08.2019	12:00:00	11.201,84	10.374,09	21.923,44
20.08.2019	12:15:00	11.080,32	9.721,56	20.789,85
20.08.2019	12:30:00	11.088,75	9.441,74	20.109,87
20.08.2019	12:45:00	10.523,85	8.655,57	19.268,93
20.08.2019	13:00:00	10.329,40	8.872,92	19.833,09
20.08.2019	13:15:00	10.261,93	9.000,62	19.992,51
20.08.2019	13:30:00	10.308,02	9.215,26	20.467,19
20.08.2019	13:45:00	10.170,91	9.428,30	20.914,93
20.08.2019	14:00:00	10.143,03	9.269,30	20.234,38
20.08.2019	14:15:00	10.105,78	9.215,41	19.951,98
20.08.2019	14:30:00	10.216,66	9.258,79	19.487,76
20.08.2019	14:45:00	10.284,33	9.298,09	19.410,82
20.08.2019	15:00:00	10.167,93	9.357,52	19.523,93
20.08.2019	15:15:00	10.143,52	9.381,93	19.697,99
20.08.2019	15:30:00	10.086,41	9.287,66	19.401,84
20.08.2019	15:45:00	10.094,30	9.316,40	18.953,05
20.08.2019	16:00:00	10.146,25	9.586,82	19.111,57
20.08.2019	16:15:00	10.263,68	9.753,76	18.994,29
20.08.2019	16:30:00	10.343,73	9.844,61	18.927,44
20.08.2019	16:45:00	10.447,92	10.009,39	18.700,87
20.08.2019	17:00:00	10.375,48	9.925,57	18.298,69
20.08.2019	17:15:00	10.501,98	10.063,06	18.143,14
20.08.2019	17:30:00	10.635,83	10.181,93	17.956,86
20.08.2019	17:45:00	10.621,23	10.264,32	17.995,68
20.08.2019	18:00:00	10.853,72	10.529,37	17.962,40
20.08.2019	18:15:00	10.832,53	10.518,07	17.771,68
20.08.2019	18:30:00	10.833,03	10.500,19	17.615,96
20.08.2019	18:45:00	10.682,71	10.378,92	17.187,55
20.08.2019	19:00:00	10.472,98	10.174,23	16.699,68
20.08.2019	19:15:00	10.520,93	10.289,50	16.881,16
20.08.2019	19:30:00	10.417,19	10.213,43	16.697,69
20.08.2019	19:45:00	10.474,29	10.284,25	16.614,94
20.08.2019	20:00:00	10.344,31	10.154,61	16.540,10
20.08.2019	20:15:00	10.249,45	10.071,89	16.235,78
20.08.2019	20:30:00	10.296,72	10.121,57	16.091,57
20.08.2019	20:45:00	10.501,55	10.324,57	16.289,88
20.08.2019	21:00:00	10.503,08	10.327,51	16.061,58
20.08.2019	21:15:00	10.471,31	10.290,00	15.890,07
20.08.2019	21:30:00	10.408,14	10.225,55	15.745,48
20.08.2019	21:45:00	9.843,38	9.654,91	14.905,81
20.08.2019	22:00:00	9.502,69	9.309,78	14.394,09
20.08.2019	22:15:00	9.279,29	9.086,80	13.957,66
20.08.2019	22:30:00	8.932,70	8.733,28	13.342,92
20.08.2019	22:45:00	8.583,45	8.381,85	12.924,18
20.08.2019	23:00:00	8.162,38	7.951,62	12.404,19
20.08.2019	23:15:00	7.799,54	7.587,28	11.941,62
20.08.2019	23:30:00	7.377,99	7.160,29	11.409,51
20.08.2019	23:45:00	7.022,13	6.800,96	11.012,06
21.08.2019	00:00:00	6.718,97	6.495,38	10.690,54
21.08.2019	00:15:00	6.461,93	6.235,13	10.368,46
21.08.2019	00:30:00	6.253,34	6.023,85	10.236,98
21.08.2019	00:45:00	6.048,79	5.818,24	10.029,80
21.08.2019	01:00:00	5.858,65	5.627,46	9.882,92
21.08.2019	01:15:00	5.696,89	5.482,22	9.768,75
21.08.2019	01:30:00	5.617,71	5.409,16	9.488,19
21.08.2019	01:45:00	5.588,61	5.380,29	9.357,00
21.08.2019	02:00:00	5.545,10	5.334,95	9.351,05
21.08.2019	02:15:00	5.469,20	5.258,67	9.536,28
21.08.2019	02:30:00	5.440,27	5.229,81	9.590,33
21.08.2019	02:45:00	5.390,33	5.180,42	9.538,28
21.08.2019	03:00:00	5.408,61	5.198,15	9.588,38
21.08.2019	03:15:00	5.338,44	5.119,84	9.439,69
21.08.2019	03:30:00	5.335,12	5.114,91	9.454,03
21.08.2019	03:45:00	5.237,84	5.017,81	9.448,48

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.08.2019	04:00:00	5.385,23	5.163,78	9.585,30
21.08.2019	04:15:00	5.471,68	5.250,60	9.657,06
21.08.2019	04:30:00	5.452,27	5.230,67	9.663,26
21.08.2019	04:45:00	5.539,45	5.318,85	9.742,48
21.08.2019	05:00:00	5.643,98	5.437,68	10.132,44
21.08.2019	05:15:00	6.000,99	5.806,33	11.050,95
21.08.2019	05:30:00	6.054,26	5.867,25	11.344,98
21.08.2019	05:45:00	6.277,55	6.072,11	11.975,68
21.08.2019	06:00:00	6.522,82	6.234,09	12.997,69
21.08.2019	06:15:00	7.110,42	6.839,53	14.880,96
21.08.2019	06:30:00	6.980,24	6.730,66	15.667,41
21.08.2019	06:45:00	7.140,94	6.875,05	16.141,61
21.08.2019	07:00:00	7.468,73	7.165,44	16.940,00
21.08.2019	07:15:00	7.721,27	7.330,68	17.361,42
21.08.2019	07:30:00	7.937,96	7.447,17	17.547,58
21.08.2019	07:45:00	8.219,97	7.667,20	17.997,16
21.08.2019	08:00:00	8.378,03	7.731,12	18.453,58
21.08.2019	08:15:00	8.728,09	7.996,26	18.842,12
21.08.2019	08:30:00	8.894,45	8.292,67	19.286,00
21.08.2019	08:45:00	9.161,52	8.427,84	19.667,29
21.08.2019	09:00:00	9.151,41	8.504,06	19.757,66
21.08.2019	09:15:00	9.419,32	8.648,34	19.354,23
21.08.2019	09:30:00	9.549,93	8.699,03	19.266,18
21.08.2019	09:45:00	9.659,02	8.670,44	19.610,80
21.08.2019	10:00:00	9.810,01	8.493,01	19.601,29
21.08.2019	10:15:00	9.898,71	8.278,42	19.207,10
21.08.2019	10:30:00	9.720,63	7.887,56	18.610,18
21.08.2019	10:45:00	9.289,21	7.373,98	18.042,09
21.08.2019	11:00:00	10.325,55	6.442,09	17.027,85
21.08.2019	11:15:00	9.918,79	5.548,94	16.123,31
21.08.2019	11:30:00	9.702,82	5.215,29	15.696,01
21.08.2019	11:45:00	9.843,69	5.156,84	15.375,58
21.08.2019	12:00:00	10.011,91	5.074,07	15.303,96
21.08.2019	12:15:00	10.154,78	5.066,16	15.029,82
21.08.2019	12:30:00	10.102,28	4.827,72	14.578,15
21.08.2019	12:45:00	9.973,74	4.638,41	14.459,62
21.08.2019	13:00:00	10.065,90	4.450,89	14.324,32
21.08.2019	13:15:00	10.176,54	4.483,77	14.500,82
21.08.2019	13:30:00	8.924,65	5.414,69	15.708,60
21.08.2019	13:45:00	10.618,08	4.778,48	14.970,26
21.08.2019	14:00:00	10.329,62	4.494,35	14.448,48
21.08.2019	14:15:00	9.602,29	5.368,46	15.292,42
21.08.2019	14:30:00	8.221,57	5.197,00	14.779,40
21.08.2019	14:45:00	9.479,35	5.234,98	14.682,98
21.08.2019	15:00:00	10.635,29	6.461,65	16.059,74
21.08.2019	15:15:00	8.347,19	5.844,29	15.258,43
21.08.2019	15:30:00	10.041,45	4.622,35	13.716,47
21.08.2019	15:45:00	9.919,34	4.206,76	12.953,67
21.08.2019	16:00:00	10.504,79	4.945,53	13.480,58
21.08.2019	16:15:00	10.503,54	5.094,98	13.348,64
21.08.2019	16:30:00	10.427,21	5.273,82	13.380,00
21.08.2019	16:45:00	9.330,64	6.033,23	14.062,00
21.08.2019	17:00:00	10.439,46	5.648,08	13.450,88
21.08.2019	17:15:00	10.466,59	6.011,58	13.513,66
21.08.2019	17:30:00	10.548,19	6.366,20	13.675,18
21.08.2019	17:45:00	10.980,32	7.002,74	14.174,97
21.08.2019	18:00:00	10.214,66	8.205,73	15.298,51
21.08.2019	18:15:00	10.355,72	7.957,99	14.828,89
21.08.2019	18:30:00	10.824,63	8.099,16	14.952,50
21.08.2019	18:45:00	10.711,10	8.425,14	15.136,03
21.08.2019	19:00:00	10.233,78	8.432,54	15.134,77
21.08.2019	19:15:00	9.898,91	8.687,86	15.433,60
21.08.2019	19:30:00	9.774,37	9.103,53	15.781,34
21.08.2019	19:45:00	9.613,03	9.115,32	15.763,28
21.08.2019	20:00:00	9.433,59	9.066,70	15.860,53
21.08.2019	20:15:00	9.491,47	9.182,79	15.794,73
21.08.2019	20:30:00	9.650,90	9.342,22	15.839,84
21.08.2019	20:45:00	9.790,74	9.497,11	15.952,94
21.08.2019	21:00:00	10.247,21	9.959,58	16.374,97
21.08.2019	21:15:00	10.169,53	9.884,55	16.076,37
21.08.2019	21:30:00	10.192,37	9.896,41	15.995,89

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.08.2019	21:45:00	9.751,48	9.446,38	15.342,98
21.08.2019	22:00:00	9.281,03	8.975,22	14.574,12
21.08.2019	22:15:00	9.051,90	8.837,15	14.195,60
21.08.2019	22:30:00	8.696,07	8.492,35	13.605,54
21.08.2019	22:45:00	8.401,50	8.195,36	13.150,03
21.08.2019	23:00:00	7.975,32	7.764,05	12.610,48
21.08.2019	23:15:00	7.543,14	7.330,50	12.196,23
21.08.2019	23:30:00	7.236,86	7.019,52	11.811,74
21.08.2019	23:45:00	6.978,78	6.758,78	11.316,73
22.08.2019	00:00:00	6.575,65	6.353,27	10.939,42
22.08.2019	00:15:00	6.284,45	6.058,73	10.584,72
22.08.2019	00:30:00	6.100,22	5.875,51	10.431,86
22.08.2019	00:45:00	5.957,89	5.734,83	10.315,60
22.08.2019	01:00:00	5.901,34	5.690,78	10.187,07
22.08.2019	01:15:00	5.672,56	5.482,69	10.015,92
22.08.2019	01:30:00	5.613,32	5.427,51	9.909,44
22.08.2019	01:45:00	5.532,51	5.348,23	9.709,84
22.08.2019	02:00:00	5.490,43	5.303,56	9.777,97
22.08.2019	02:15:00	5.444,24	5.261,95	9.617,12
22.08.2019	02:30:00	5.327,57	5.140,74	9.426,78
22.08.2019	02:45:00	5.251,81	5.066,14	9.495,37
22.08.2019	03:00:00	5.212,01	5.032,42	9.547,92
22.08.2019	03:15:00	5.302,28	5.119,35	9.581,82
22.08.2019	03:30:00	5.289,68	5.106,30	9.596,43
22.08.2019	03:45:00	5.207,30	5.008,05	9.490,23
22.08.2019	04:00:00	5.232,09	5.026,03	9.502,62
22.08.2019	04:15:00	5.425,61	5.222,70	9.514,66
22.08.2019	04:30:00	5.455,83	5.252,78	9.606,18
22.08.2019	04:45:00	5.508,42	5.307,70	9.846,10
22.08.2019	05:00:00	5.592,60	5.388,46	10.085,05
22.08.2019	05:15:00	6.034,89	5.842,43	10.807,45
22.08.2019	05:30:00	6.012,73	5.840,85	10.618,98
22.08.2019	05:45:00	6.245,60	6.090,34	11.178,46
22.08.2019	06:00:00	6.411,44	6.259,05	12.126,29
22.08.2019	06:15:00	6.883,92	6.746,45	14.299,93
22.08.2019	06:30:00	6.783,60	6.745,77	15.180,48
22.08.2019	06:45:00	7.048,06	7.050,97	15.596,92
22.08.2019	07:00:00	7.319,39	7.228,38	16.385,00
22.08.2019	07:15:00	7.493,69	7.295,27	16.693,96
22.08.2019	07:30:00	7.576,98	7.275,41	16.801,29
22.08.2019	07:45:00	7.568,84	7.168,34	17.026,41
22.08.2019	08:00:00	7.625,64	7.149,94	17.335,00
22.08.2019	08:15:00	7.734,34	7.196,75	17.455,34
22.08.2019	08:30:00	7.623,60	6.960,54	17.365,09
22.08.2019	08:45:00	7.683,19	6.770,99	17.246,96
22.08.2019	09:00:00	7.785,51	6.548,36	17.196,03
22.08.2019	09:15:00	8.079,52	6.497,79	16.465,11
22.08.2019	09:30:00	8.207,90	6.240,99	16.259,92
22.08.2019	09:45:00	8.365,32	6.051,92	16.328,18
22.08.2019	10:00:00	8.536,13	5.858,13	16.196,24
22.08.2019	10:15:00	8.642,43	5.640,13	15.876,54
22.08.2019	10:30:00	8.844,91	5.463,80	15.865,90
22.08.2019	10:45:00	8.970,89	5.422,14	16.060,78
22.08.2019	11:00:00	8.930,47	5.681,54	16.475,60
22.08.2019	11:15:00	9.703,45	5.399,41	16.072,76
22.08.2019	11:30:00	9.282,33	4.919,09	15.481,43
22.08.2019	11:45:00	9.363,91	4.880,72	15.401,74
22.08.2019	12:00:00	9.864,58	4.826,99	15.084,53
22.08.2019	12:15:00	10.053,70	4.755,06	14.862,32
22.08.2019	12:30:00	9.994,75	4.435,30	14.173,26
22.08.2019	12:45:00	9.794,43	4.159,58	13.912,76
22.08.2019	13:00:00	9.624,77	3.938,61	13.829,15
22.08.2019	13:15:00	9.681,79	3.920,66	14.031,21
22.08.2019	13:30:00	9.564,49	3.752,80	13.998,83
22.08.2019	13:45:00	9.572,24	3.704,14	13.977,47
22.08.2019	14:00:00	9.611,48	3.722,54	13.951,62
22.08.2019	14:15:00	9.638,88	3.756,83	13.731,60
22.08.2019	14:30:00	9.511,83	3.660,53	13.534,82
22.08.2019	14:45:00	9.678,89	3.850,11	13.479,71
22.08.2019	15:00:00	9.667,98	3.897,73	13.504,48
22.08.2019	15:15:00	9.833,83	4.139,59	13.556,27

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.08.2019	15:30:00	9.864,73	4.272,82	13.779,28
22.08.2019	15:45:00	9.993,81	4.513,74	13.855,12
22.08.2019	16:00:00	10.089,10	4.747,21	13.910,57
22.08.2019	16:15:00	10.211,61	4.996,88	13.637,18
22.08.2019	16:30:00	10.146,03	5.148,87	13.747,02
22.08.2019	16:45:00	10.309,01	5.503,07	13.846,68
22.08.2019	17:00:00	10.385,94	5.837,23	13.874,99
22.08.2019	17:15:00	10.371,50	6.101,63	14.083,92
22.08.2019	17:30:00	10.517,47	6.505,96	14.100,38
22.08.2019	17:45:00	10.751,14	7.057,34	14.656,26
22.08.2019	18:00:00	10.821,17	7.465,99	15.122,78
22.08.2019	18:15:00	10.931,66	7.965,17	15.370,17
22.08.2019	18:30:00	10.817,68	8.203,80	15.406,82
22.08.2019	18:45:00	10.237,95	8.313,37	15.354,55
22.08.2019	19:00:00	10.188,20	8.313,46	15.218,85
22.08.2019	19:15:00	10.059,55	8.628,32	15.607,38
22.08.2019	19:30:00	9.870,36	8.797,21	15.732,39
22.08.2019	19:45:00	9.763,32	9.114,63	16.007,51
22.08.2019	20:00:00	9.403,08	9.074,35	15.896,62
22.08.2019	20:15:00	9.435,38	9.202,51	16.006,62
22.08.2019	20:30:00	9.582,12	9.408,06	16.047,38
22.08.2019	20:45:00	9.642,01	9.486,78	15.972,28
22.08.2019	21:00:00	10.008,02	9.858,07	16.240,90
22.08.2019	21:15:00	10.220,25	10.069,15	16.249,47
22.08.2019	21:30:00	10.219,72	10.065,56	16.019,23
22.08.2019	21:45:00	9.760,31	9.604,61	15.271,96
22.08.2019	22:00:00	9.343,22	9.182,34	14.781,28
22.08.2019	22:15:00	9.019,84	8.854,52	14.178,45
22.08.2019	22:30:00	8.767,23	8.597,26	13.689,61
22.08.2019	22:45:00	8.407,01	8.231,63	13.210,22
22.08.2019	23:00:00	8.249,41	8.069,82	13.047,64
22.08.2019	23:15:00	7.744,65	7.561,64	12.379,98
22.08.2019	23:30:00	7.302,33	7.115,57	11.871,72
22.08.2019	23:45:00	6.943,48	6.754,98	11.576,07
23.08.2019	00:00:00	6.651,07	6.463,85	11.143,97
23.08.2019	00:15:00	6.347,17	6.154,66	10.813,40
23.08.2019	00:30:00	6.128,35	5.935,19	10.627,99
23.08.2019	00:45:00	5.931,33	5.738,45	10.267,85
23.08.2019	01:00:00	5.754,70	5.573,23	10.108,50
23.08.2019	01:15:00	5.626,49	5.471,95	10.039,71
23.08.2019	01:30:00	5.560,49	5.411,80	9.768,06
23.08.2019	01:45:00	5.467,74	5.316,10	9.468,50
23.08.2019	02:00:00	5.377,93	5.225,64	9.308,52
23.08.2019	02:15:00	5.300,06	5.148,07	9.301,25
23.08.2019	02:30:00	5.306,90	5.177,24	9.431,74
23.08.2019	02:45:00	5.302,11	5.175,51	9.385,54
23.08.2019	03:00:00	5.224,15	5.120,29	9.162,36
23.08.2019	03:15:00	5.219,01	5.182,71	9.207,28
23.08.2019	03:30:00	5.143,65	5.104,27	9.246,55
23.08.2019	03:45:00	5.296,90	5.255,28	9.252,87
23.08.2019	04:00:00	5.237,54	5.188,26	9.223,13
23.08.2019	04:15:00	5.408,61	5.358,08	9.480,49
23.08.2019	04:30:00	5.523,95	5.477,14	9.572,56
23.08.2019	04:45:00	5.656,00	5.609,12	9.782,72
23.08.2019	05:00:00	5.722,68	5.665,87	10.144,67
23.08.2019	05:15:00	5.957,38	5.849,54	10.741,88
23.08.2019	05:30:00	6.033,43	5.876,87	10.924,50
23.08.2019	05:45:00	6.249,87	6.104,89	11.459,92
23.08.2019	06:00:00	6.514,06	6.368,19	12.367,47
23.08.2019	06:15:00	6.675,74	6.542,73	13.798,59
23.08.2019	06:30:00	6.909,81	6.807,72	14.811,63
23.08.2019	06:45:00	7.064,27	6.929,59	15.315,44
23.08.2019	07:00:00	7.398,96	7.218,08	15.979,27
23.08.2019	07:15:00	7.593,78	7.344,48	16.438,11
23.08.2019	07:30:00	7.798,25	7.492,36	16.481,51
23.08.2019	07:45:00	7.921,41	7.513,42	16.673,41
23.08.2019	08:00:00	7.919,68	7.407,01	16.800,37
23.08.2019	08:15:00	7.985,31	7.473,33	17.022,57
23.08.2019	08:30:00	7.804,97	7.178,20	16.712,15
23.08.2019	08:45:00	7.776,10	6.909,12	16.853,76
23.08.2019	09:00:00	8.013,01	6.865,97	16.653,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.08.2019	09:15:00	8.130,89	6.640,02	16.098,23
23.08.2019	09:30:00	8.327,62	6.450,72	15.871,07
23.08.2019	09:45:00	8.577,01	6.322,06	16.277,77
23.08.2019	10:00:00	8.637,46	6.017,42	16.169,74
23.08.2019	10:15:00	8.922,36	5.966,80	16.138,09
23.08.2019	10:30:00	9.048,56	5.771,12	15.963,98
23.08.2019	10:45:00	9.118,84	5.515,41	15.732,66
23.08.2019	11:00:00	9.191,26	5.223,82	15.607,53
23.08.2019	11:15:00	9.446,06	5.189,36	15.647,64
23.08.2019	11:30:00	9.663,13	5.167,99	15.545,71
23.08.2019	11:45:00	9.879,97	5.161,90	15.365,57
23.08.2019	12:00:00	10.340,77	5.378,52	15.328,61
23.08.2019	12:15:00	10.472,82	5.216,43	14.863,27
23.08.2019	12:30:00	9.744,47	5.257,09	14.666,05
23.08.2019	12:45:00	10.070,87	4.612,66	13.970,62
23.08.2019	13:00:00	9.710,22	4.383,49	13.805,36
23.08.2019	13:15:00	9.388,09	4.027,44	13.507,89
23.08.2019	13:30:00	9.696,44	3.947,92	13.488,81
23.08.2019	13:45:00	9.580,88	3.853,36	13.200,82
23.08.2019	14:00:00	9.637,87	3.896,22	13.092,91
23.08.2019	14:15:00	9.656,75	3.843,00	12.581,27
23.08.2019	14:30:00	9.687,84	3.913,95	12.610,48
23.08.2019	14:45:00	9.538,22	3.782,44	12.483,81
23.08.2019	15:00:00	9.628,17	3.883,82	12.280,27
23.08.2019	15:15:00	9.621,84	3.950,77	12.131,48
23.08.2019	15:30:00	9.619,47	4.033,70	11.764,52
23.08.2019	15:45:00	9.736,12	4.258,91	11.784,66
23.08.2019	16:00:00	9.849,81	4.526,41	12.101,14
23.08.2019	16:15:00	9.922,22	4.745,37	11.999,47
23.08.2019	16:30:00	10.095,73	5.148,42	12.275,95
23.08.2019	16:45:00	10.219,76	5.473,68	12.580,67
23.08.2019	17:00:00	10.388,03	5.874,13	12.808,04
23.08.2019	17:15:00	10.534,01	6.329,25	13.199,38
23.08.2019	17:30:00	10.580,43	6.626,24	13.450,35
23.08.2019	17:45:00	10.665,91	7.050,15	13.696,92
23.08.2019	18:00:00	10.871,91	7.574,48	14.037,48
23.08.2019	18:15:00	10.805,07	7.877,98	14.298,11
23.08.2019	18:30:00	10.726,90	8.212,77	14.542,63
23.08.2019	18:45:00	10.478,44	8.391,21	14.290,62
23.08.2019	19:00:00	10.220,36	8.505,47	14.594,28
23.08.2019	19:15:00	9.806,97	8.823,29	14.679,73
23.08.2019	19:30:00	9.442,83	8.963,28	14.721,58
23.08.2019	19:45:00	9.295,86	8.933,38	14.537,51
23.08.2019	20:00:00	9.214,84	8.931,58	14.482,56
23.08.2019	20:15:00	9.144,41	8.917,33	14.354,15
23.08.2019	20:30:00	9.171,69	9.021,45	14.218,82
23.08.2019	20:45:00	9.402,85	9.264,67	14.566,12
23.08.2019	21:00:00	9.669,07	9.531,70	14.689,56
23.08.2019	21:15:00	9.935,96	9.798,69	14.835,90
23.08.2019	21:30:00	9.916,12	9.770,46	14.726,53
23.08.2019	21:45:00	9.519,68	9.269,28	14.167,00
23.08.2019	22:00:00	9.212,56	8.958,72	13.734,32
23.08.2019	22:15:00	9.007,90	8.752,65	13.403,35
23.08.2019	22:30:00	8.862,45	8.603,89	13.210,77
23.08.2019	22:45:00	8.630,38	8.370,06	12.713,81
23.08.2019	23:00:00	8.362,95	8.097,11	12.352,45
23.08.2019	23:15:00	8.044,69	7.778,69	11.924,56
23.08.2019	23:30:00	7.680,89	7.429,46	11.479,66
23.08.2019	23:45:00	7.313,98	7.148,14	11.140,65
24.08.2019	00:00:00	7.008,83	6.841,14	11.065,26
24.08.2019	00:15:00	6.674,19	6.503,84	10.713,36
24.08.2019	00:30:00	6.421,74	6.251,47	10.573,37
24.08.2019	00:45:00	6.121,72	5.948,49	10.221,87
24.08.2019	01:00:00	6.076,81	5.912,70	10.113,38
24.08.2019	01:15:00	5.927,81	5.789,36	10.043,89
24.08.2019	01:30:00	5.800,67	5.671,62	9.911,75
24.08.2019	01:45:00	5.690,51	5.559,19	9.749,28
24.08.2019	02:00:00	5.550,02	5.421,69	9.598,41
24.08.2019	02:15:00	5.450,39	5.319,22	9.346,28
24.08.2019	02:30:00	5.456,77	5.324,54	9.307,55
24.08.2019	02:45:00	5.359,30	5.227,82	9.169,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.08.2019	03:00:00	5.326,54	5.194,23	9.176,40
24.08.2019	03:15:00	5.252,10	5.119,89	9.203,80
24.08.2019	03:30:00	5.205,30	5.069,86	9.025,91
24.08.2019	03:45:00	5.216,09	5.083,27	9.076,49
24.08.2019	04:00:00	5.249,10	5.113,15	9.159,35
24.08.2019	04:15:00	5.316,06	5.180,75	9.143,79
24.08.2019	04:30:00	5.325,17	5.200,79	9.192,06
24.08.2019	04:45:00	5.357,71	5.232,10	9.346,64
24.08.2019	05:00:00	5.362,67	5.230,61	9.325,23
24.08.2019	05:15:00	5.482,06	5.336,88	9.582,31
24.08.2019	05:30:00	5.542,10	5.409,89	9.717,05
24.08.2019	05:45:00	5.680,62	5.568,05	9.795,03
24.08.2019	06:00:00	5.814,66	5.697,02	10.203,62
24.08.2019	06:15:00	6.153,12	6.051,44	10.830,66
24.08.2019	06:30:00	6.194,92	6.099,12	10.830,24
24.08.2019	06:45:00	6.023,12	5.933,27	10.641,39
24.08.2019	07:00:00	6.197,39	6.059,14	10.919,52
24.08.2019	07:15:00	6.438,97	6.232,55	11.146,15
24.08.2019	07:30:00	6.630,27	6.305,16	11.190,77
24.08.2019	07:45:00	6.803,85	6.342,60	11.261,69
24.08.2019	08:00:00	7.079,13	6.522,72	11.510,04
24.08.2019	08:15:00	7.515,92	6.939,49	11.997,44
24.08.2019	08:30:00	7.604,39	6.740,68	11.806,74
24.08.2019	08:45:00	7.673,22	6.666,64	11.732,02
24.08.2019	09:00:00	7.907,95	6.805,41	11.868,63
24.08.2019	09:15:00	8.366,41	6.893,25	11.989,81
24.08.2019	09:30:00	8.324,53	7.000,37	12.099,68
24.08.2019	09:45:00	8.587,96	6.820,54	11.662,80
24.08.2019	10:00:00	8.664,69	6.339,88	11.194,10
24.08.2019	10:15:00	8.588,15	6.371,71	11.409,44
24.08.2019	10:30:00	8.651,45	5.859,38	10.918,99
24.08.2019	10:45:00	9.222,06	5.817,08	10.819,27
24.08.2019	11:00:00	9.052,97	5.538,79	10.469,03
24.08.2019	11:15:00	8.969,23	5.787,28	10.616,56
24.08.2019	11:30:00	9.155,65	5.550,29	10.458,42
24.08.2019	11:45:00	9.225,98	5.732,42	10.741,74
24.08.2019	12:00:00	9.710,66	5.538,02	10.430,07
24.08.2019	12:15:00	9.352,89	5.731,57	10.569,07
24.08.2019	12:30:00	9.886,06	6.115,62	10.863,06
24.08.2019	12:45:00	9.411,71	5.547,61	10.327,64
24.08.2019	13:00:00	9.347,91	5.466,42	10.233,70
24.08.2019	13:15:00	9.479,29	4.365,06	9.056,60
24.08.2019	13:30:00	9.498,29	3.967,57	8.607,46
24.08.2019	13:45:00	9.488,45	4.030,89	8.841,42
24.08.2019	14:00:00	9.848,88	4.169,11	8.962,44
24.08.2019	14:15:00	8.625,38	4.734,88	9.507,98
24.08.2019	14:30:00	9.730,42	4.785,49	9.561,60
24.08.2019	14:45:00	7.377,94	4.504,36	9.184,78
24.08.2019	15:00:00	8.504,36	4.127,39	8.701,80
24.08.2019	15:15:00	7.533,18	4.037,59	8.610,76
24.08.2019	15:30:00	9.566,59	4.104,56	8.758,55
24.08.2019	15:45:00	8.781,02	4.467,78	9.073,37
24.08.2019	16:00:00	9.407,77	4.651,95	9.543,56
24.08.2019	16:15:00	9.261,64	4.346,04	9.248,26
24.08.2019	16:30:00	9.430,70	4.780,65	9.683,90
24.08.2019	16:45:00	9.702,79	5.108,35	10.066,82
24.08.2019	17:00:00	9.753,69	5.295,92	10.211,49
24.08.2019	17:15:00	9.287,63	5.885,63	10.794,00
24.08.2019	17:30:00	9.594,66	5.903,94	10.894,82
24.08.2019	17:45:00	9.694,18	6.307,80	11.353,82
24.08.2019	18:00:00	9.852,91	6.670,56	11.607,93
24.08.2019	18:15:00	9.977,49	7.084,13	12.061,50
24.08.2019	18:30:00	9.773,65	7.303,51	12.165,90
24.08.2019	18:45:00	9.640,88	7.686,62	12.437,54
24.08.2019	19:00:00	9.488,10	7.930,74	12.736,57
24.08.2019	19:15:00	9.354,68	8.199,45	13.023,04
24.08.2019	19:30:00	9.101,06	8.297,21	13.059,12
24.08.2019	19:45:00	8.882,88	8.391,25	13.077,13
24.08.2019	20:00:00	8.772,08	8.448,00	13.218,61
24.08.2019	20:15:00	8.762,03	8.536,54	13.168,63
24.08.2019	20:30:00	8.886,26	8.734,87	13.256,69

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.08.2019	20:45:00	9.156,70	9.017,61	13.574,50
24.08.2019	21:00:00	9.568,65	9.433,88	14.065,90
24.08.2019	21:15:00	9.633,71	9.496,95	13.888,93
24.08.2019	21:30:00	9.529,93	9.394,30	13.786,46
24.08.2019	21:45:00	9.142,09	9.002,10	13.442,16
24.08.2019	22:00:00	8.802,88	8.660,98	12.968,48
24.08.2019	22:15:00	8.669,20	8.526,14	12.691,11
24.08.2019	22:30:00	8.578,95	8.434,15	12.567,13
24.08.2019	22:45:00	8.452,29	8.304,77	12.369,51
24.08.2019	23:00:00	8.232,73	8.082,34	12.073,40
24.08.2019	23:15:00	7.923,70	7.770,06	11.726,99
24.08.2019	23:30:00	7.717,39	7.561,44	11.479,78
24.08.2019	23:45:00	7.376,08	7.221,17	11.103,16
25.08.2019	00:00:00	7.017,75	6.857,84	10.672,86
25.08.2019	00:15:00	6.743,16	6.578,15	10.407,22
25.08.2019	00:30:00	6.452,30	6.286,69	10.196,38
25.08.2019	00:45:00	6.282,60	6.114,61	9.929,54
25.08.2019	01:00:00	6.107,46	5.949,15	9.777,16
25.08.2019	01:15:00	5.888,50	5.757,35	9.608,71
25.08.2019	01:30:00	5.872,11	5.764,88	9.583,69
25.08.2019	01:45:00	5.700,61	5.644,63	9.452,60
25.08.2019	02:00:00	5.577,66	5.536,78	9.360,54
25.08.2019	02:15:00	5.515,79	5.473,15	9.188,16
25.08.2019	02:30:00	5.382,33	5.338,87	9.003,89
25.08.2019	02:45:00	5.374,02	5.329,41	8.998,65
25.08.2019	03:00:00	5.259,99	5.215,10	8.848,07
25.08.2019	03:15:00	5.241,27	5.197,23	8.571,82
25.08.2019	03:30:00	5.203,52	5.154,56	8.471,89
25.08.2019	03:45:00	5.180,47	5.109,63	8.492,66
25.08.2019	04:00:00	5.135,35	5.047,92	8.407,10
25.08.2019	04:15:00	5.120,08	5.021,94	8.320,53
25.08.2019	04:30:00	5.123,15	5.017,91	8.320,87
25.08.2019	04:45:00	5.127,45	5.010,80	8.326,82
25.08.2019	05:00:00	5.137,95	5.003,75	8.284,19
25.08.2019	05:15:00	5.247,74	5.083,92	8.457,89
25.08.2019	05:30:00	5.283,04	5.118,91	8.509,27
25.08.2019	05:45:00	5.362,91	5.216,31	8.576,09
25.08.2019	06:00:00	5.325,66	5.174,17	8.628,24
25.08.2019	06:15:00	5.535,98	5.391,49	8.837,58
25.08.2019	06:30:00	5.278,54	5.124,05	8.544,97
25.08.2019	06:45:00	5.241,72	5.081,04	8.459,10
25.08.2019	07:00:00	5.387,69	5.160,71	8.534,00
25.08.2019	07:15:00	5.547,48	5.223,77	8.653,30
25.08.2019	07:30:00	5.663,97	5.277,19	8.707,20
25.08.2019	07:45:00	5.854,50	5.397,35	8.781,56
25.08.2019	08:00:00	6.036,29	5.481,40	8.873,38
25.08.2019	08:15:00	6.182,75	5.551,43	8.952,92
25.08.2019	08:30:00	6.372,20	5.585,74	9.019,02
25.08.2019	08:45:00	6.496,48	5.396,71	8.795,48
25.08.2019	09:00:00	6.791,90	5.276,25	8.703,23
25.08.2019	09:15:00	6.835,86	5.000,88	8.652,12
25.08.2019	09:30:00	7.141,29	5.060,63	8.729,56
25.08.2019	09:45:00	7.038,52	4.947,28	8.584,89
25.08.2019	10:00:00	7.243,85	4.836,01	8.596,40
25.08.2019	10:15:00	7.213,45	4.734,28	8.459,19
25.08.2019	10:30:00	7.161,87	4.787,57	8.532,14
25.08.2019	10:45:00	7.997,94	4.376,50	8.295,48
25.08.2019	11:00:00	8.089,37	4.507,01	8.351,30
25.08.2019	11:15:00	8.508,42	4.501,41	8.248,60
25.08.2019	11:30:00	8.450,18	4.200,38	7.963,92
25.08.2019	11:45:00	8.746,99	4.259,44	8.033,53
25.08.2019	12:00:00	8.773,13	4.099,63	7.845,32
25.08.2019	12:15:00	8.965,79	4.089,87	7.841,47
25.08.2019	12:30:00	9.109,65	4.102,69	7.924,25
25.08.2019	12:45:00	9.006,65	3.894,16	7.685,22
25.08.2019	13:00:00	8.839,74	3.544,33	7.381,22
25.08.2019	13:15:00	8.672,51	3.294,59	7.255,96
25.08.2019	13:30:00	8.695,14	3.219,11	7.058,02
25.08.2019	13:45:00	8.469,35	3.046,85	6.867,90
25.08.2019	14:00:00	8.353,56	2.800,71	6.672,27
25.08.2019	14:15:00	8.270,03	2.730,27	6.598,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.08.2019	14:30:00	8.386,32	2.881,86	6.843,78
25.08.2019	14:45:00	8.213,04	2.756,77	6.789,94
25.08.2019	15:00:00	8.130,90	2.726,79	6.737,64
25.08.2019	15:15:00	8.126,17	2.958,77	6.910,57
25.08.2019	15:30:00	7.489,74	3.129,30	7.110,47
25.08.2019	15:45:00	8.436,22	3.242,32	7.178,63
25.08.2019	16:00:00	8.344,02	3.238,46	7.138,68
25.08.2019	16:15:00	8.598,17	3.551,83	7.512,90
25.08.2019	16:30:00	8.715,36	3.893,88	7.898,03
25.08.2019	16:45:00	8.186,37	4.423,72	8.413,37
25.08.2019	17:00:00	8.740,77	4.722,88	8.752,09
25.08.2019	17:15:00	9.112,09	5.031,46	9.158,34
25.08.2019	17:30:00	9.221,94	5.445,52	9.541,66
25.08.2019	17:45:00	9.356,23	5.882,88	9.992,18
25.08.2019	18:00:00	9.427,22	6.182,36	10.365,28
25.08.2019	18:15:00	9.642,98	6.740,45	10.979,69
25.08.2019	18:30:00	9.550,72	7.046,11	11.131,71
25.08.2019	18:45:00	9.472,65	7.362,62	11.517,17
25.08.2019	19:00:00	9.472,34	7.709,17	11.958,92
25.08.2019	19:15:00	9.288,49	7.889,83	11.966,88
25.08.2019	19:30:00	9.093,97	8.045,61	12.170,46
25.08.2019	19:45:00	8.859,48	8.255,54	12.481,56
25.08.2019	20:00:00	8.830,58	8.513,08	12.485,54
25.08.2019	20:15:00	8.904,34	8.729,32	12.573,80
25.08.2019	20:30:00	8.965,42	8.855,14	12.724,36
25.08.2019	20:45:00	9.244,20	9.143,95	13.008,46
25.08.2019	21:00:00	9.682,93	9.587,15	13.421,01
25.08.2019	21:15:00	9.667,60	9.568,79	13.610,16
25.08.2019	21:30:00	9.674,89	9.569,24	13.562,65
25.08.2019	21:45:00	9.245,26	9.130,80	13.081,54
25.08.2019	22:00:00	9.042,99	8.924,63	12.818,96
25.08.2019	22:15:00	8.875,84	8.756,58	12.717,14
25.08.2019	22:30:00	8.534,65	8.411,84	12.525,42
25.08.2019	22:45:00	8.271,48	8.146,14	12.142,14
25.08.2019	23:00:00	8.006,39	7.880,68	11.844,80
25.08.2019	23:15:00	7.577,25	7.447,88	11.349,23
25.08.2019	23:30:00	7.113,25	6.981,25	10.955,19
25.08.2019	23:45:00	6.784,42	6.645,14	10.542,55
26.08.2019	00:00:00	6.496,67	6.347,21	10.299,63
26.08.2019	00:15:00	6.182,60	6.029,04	9.898,61
26.08.2019	00:30:00	5.931,97	5.773,81	9.626,81
26.08.2019	00:45:00	5.830,58	5.670,54	9.792,15
26.08.2019	01:00:00	5.704,42	5.543,48	9.926,55
26.08.2019	01:15:00	5.551,62	5.408,23	9.764,28
26.08.2019	01:30:00	5.530,31	5.396,53	9.712,66
26.08.2019	01:45:00	5.439,17	5.303,78	9.489,19
26.08.2019	02:00:00	5.384,10	5.246,25	9.477,56
26.08.2019	02:15:00	5.343,02	5.216,69	9.433,22
26.08.2019	02:30:00	5.294,37	5.177,08	9.383,99
26.08.2019	02:45:00	5.150,27	5.031,55	9.272,30
26.08.2019	03:00:00	5.140,91	5.023,68	9.332,00
26.08.2019	03:15:00	5.160,56	5.041,90	9.376,24
26.08.2019	03:30:00	5.160,54	5.043,35	9.295,14
26.08.2019	03:45:00	5.119,83	5.001,17	9.337,86
26.08.2019	04:00:00	5.154,86	5.035,44	9.470,04
26.08.2019	04:15:00	5.230,48	5.114,57	9.524,19
26.08.2019	04:30:00	5.366,39	5.258,11	9.606,76
26.08.2019	04:45:00	5.476,29	5.371,37	9.739,00
26.08.2019	05:00:00	5.514,48	5.408,53	10.223,37
26.08.2019	05:15:00	5.924,96	5.809,25	11.279,71
26.08.2019	05:30:00	5.939,89	5.809,82	11.703,26
26.08.2019	05:45:00	6.209,01	6.006,72	12.048,41
26.08.2019	06:00:00	6.360,65	6.161,52	13.195,80
26.08.2019	06:15:00	6.899,83	6.716,19	15.197,12
26.08.2019	06:30:00	6.813,09	6.645,69	15.811,90
26.08.2019	06:45:00	7.037,86	6.871,91	16.635,98
26.08.2019	07:00:00	7.248,37	7.035,65	17.140,42
26.08.2019	07:15:00	7.541,19	7.263,23	17.862,47
26.08.2019	07:30:00	7.760,38	7.400,28	18.212,06
26.08.2019	07:45:00	7.908,10	7.488,00	18.639,52
26.08.2019	08:00:00	8.015,57	7.592,30	19.099,34

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.08.2019	08:15:00	8.044,99	7.537,60	19.066,53
26.08.2019	08:30:00	8.081,61	7.438,25	19.068,33
26.08.2019	08:45:00	8.287,93	7.450,27	19.464,44
26.08.2019	09:00:00	8.254,85	7.144,93	18.767,38
26.08.2019	09:15:00	8.403,66	6.990,47	17.894,77
26.08.2019	09:30:00	8.506,24	6.757,93	18.057,51
26.08.2019	09:45:00	8.749,16	6.681,59	18.225,46
26.08.2019	10:00:00	8.794,71	6.399,20	18.157,36
26.08.2019	10:15:00	9.017,18	6.292,90	17.933,04
26.08.2019	10:30:00	9.215,65	6.197,01	17.802,49
26.08.2019	10:45:00	9.301,97	5.998,08	17.751,66
26.08.2019	11:00:00	9.357,00	5.756,22	17.560,73
26.08.2019	11:15:00	9.579,03	5.730,67	17.745,97
26.08.2019	11:30:00	9.826,77	5.763,73	17.781,72
26.08.2019	11:45:00	9.987,21	5.726,67	17.633,99
26.08.2019	12:00:00	10.273,55	5.806,91	17.530,20
26.08.2019	12:15:00	10.379,16	5.768,15	17.142,96
26.08.2019	12:30:00	10.313,13	5.523,39	16.502,48
26.08.2019	12:45:00	10.042,32	5.105,92	16.208,01
26.08.2019	13:00:00	9.836,76	4.795,67	16.150,56
26.08.2019	13:15:00	9.876,29	4.745,41	16.066,27
26.08.2019	13:30:00	9.651,88	4.487,99	16.121,23
26.08.2019	13:45:00	9.770,41	4.539,45	16.320,48
26.08.2019	14:00:00	9.838,82	4.604,50	16.232,81
26.08.2019	14:15:00	9.382,38	4.711,11	16.289,44
26.08.2019	14:30:00	9.585,89	4.734,82	15.717,55
26.08.2019	14:45:00	10.186,24	4.746,42	15.501,70
26.08.2019	15:00:00	10.032,46	4.667,73	15.271,68
26.08.2019	15:15:00	9.777,52	5.009,83	15.343,16
26.08.2019	15:30:00	9.603,88	7.154,81	17.442,63
26.08.2019	15:45:00	9.555,02	8.272,38	18.417,69
26.08.2019	16:00:00	10.063,84	8.835,19	18.723,91
26.08.2019	16:15:00	10.188,47	8.981,46	18.359,64
26.08.2019	16:30:00	10.122,48	8.829,93	17.830,52
26.08.2019	16:45:00	10.267,19	8.726,53	17.738,05
26.08.2019	17:00:00	10.154,83	8.463,29	17.316,50
26.08.2019	17:15:00	9.998,22	8.716,06	17.367,92
26.08.2019	17:30:00	10.105,30	8.874,31	17.551,44
26.08.2019	17:45:00	10.398,53	9.087,79	17.595,49
26.08.2019	18:00:00	10.505,45	9.143,17	17.608,83
26.08.2019	18:15:00	10.377,45	9.113,14	17.441,08
26.08.2019	18:30:00	10.421,50	9.118,77	17.206,19
26.08.2019	18:45:00	10.120,50	9.267,91	17.216,18
26.08.2019	19:00:00	10.149,26	9.394,01	17.306,95
26.08.2019	19:15:00	10.024,80	9.518,25	17.410,80
26.08.2019	19:30:00	9.903,54	9.444,90	17.310,55
26.08.2019	19:45:00	9.792,40	9.436,58	17.230,59
26.08.2019	20:00:00	9.595,49	9.380,02	17.102,04
26.08.2019	20:15:00	9.565,33	9.426,49	16.961,11
26.08.2019	20:30:00	9.766,66	9.674,94	17.098,70
26.08.2019	20:45:00	10.006,28	9.919,70	17.116,36
26.08.2019	21:00:00	10.351,02	10.268,48	17.299,83
26.08.2019	21:15:00	10.252,99	10.168,53	16.990,67
26.08.2019	21:30:00	10.207,50	10.120,06	16.853,47
26.08.2019	21:45:00	9.746,78	9.654,66	16.340,83
26.08.2019	22:00:00	9.380,05	9.287,29	15.716,30
26.08.2019	22:15:00	9.055,71	8.957,37	14.956,14
26.08.2019	22:30:00	8.692,34	8.590,40	14.418,90
26.08.2019	22:45:00	8.288,96	8.183,26	13.664,42
26.08.2019	23:00:00	8.016,33	7.905,19	13.090,05
26.08.2019	23:15:00	7.507,85	7.393,26	12.491,71
26.08.2019	23:30:00	7.101,86	6.985,86	12.080,06
26.08.2019	23:45:00	6.750,63	6.631,58	11.651,38
27.08.2019	00:00:00	6.500,31	6.378,80	11.267,31
27.08.2019	00:15:00	6.219,07	6.094,62	10.988,81
27.08.2019	00:30:00	5.963,13	5.834,68	10.735,28
27.08.2019	00:45:00	5.839,90	5.709,39	10.483,98
27.08.2019	01:00:00	5.692,34	5.571,99	10.494,86
27.08.2019	01:15:00	5.548,85	5.457,15	10.443,76
27.08.2019	01:30:00	5.521,19	5.400,85	10.406,72
27.08.2019	01:45:00	5.441,92	5.251,22	10.204,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.08.2019	02:00:00	5.363,70	5.257,16	10.152,18
27.08.2019	02:15:00	5.307,82	5.201,06	9.962,20
27.08.2019	02:30:00	5.271,01	5.163,78	9.913,53
27.08.2019	02:45:00	5.225,30	5.119,02	9.847,59
27.08.2019	03:00:00	5.186,03	5.079,35	9.875,82
27.08.2019	03:15:00	5.198,47	5.091,41	9.907,62
27.08.2019	03:30:00	5.223,00	5.124,16	10.022,58
27.08.2019	03:45:00	5.166,91	5.167,93	10.082,49
27.08.2019	04:00:00	5.181,32	5.184,01	9.934,26
27.08.2019	04:15:00	5.390,68	5.395,56	10.086,49
27.08.2019	04:30:00	5.453,41	5.456,71	9.992,83
27.08.2019	04:45:00	5.609,85	5.619,25	10.300,53
27.08.2019	05:00:00	5.622,42	5.628,45	10.504,70
27.08.2019	05:15:00	6.037,24	6.055,59	11.347,24
27.08.2019	05:30:00	6.075,55	6.096,57	11.621,92
27.08.2019	05:45:00	6.270,70	6.298,23	12.148,27
27.08.2019	06:00:00	6.456,74	6.487,45	13.310,12
27.08.2019	06:15:00	6.926,02	6.973,65	15.337,47
27.08.2019	06:30:00	6.856,30	6.911,70	15.877,77
27.08.2019	06:45:00	7.106,09	7.163,46	16.651,89
27.08.2019	07:00:00	7.467,30	7.473,00	17.568,20
27.08.2019	07:15:00	7.638,76	7.578,74	17.768,11
27.08.2019	07:30:00	7.637,00	7.522,90	17.928,40
27.08.2019	07:45:00	7.951,88	7.783,09	18.535,14
27.08.2019	08:00:00	7.977,70	7.723,63	18.710,60
27.08.2019	08:15:00	7.901,58	7.591,08	18.746,56
27.08.2019	08:30:00	8.013,84	7.583,53	18.896,94
27.08.2019	08:45:00	8.103,93	7.460,61	18.736,78
27.08.2019	09:00:00	8.148,03	7.230,89	18.364,69
27.08.2019	09:15:00	8.331,46	7.122,01	17.756,69
27.08.2019	09:30:00	8.557,31	7.003,29	17.774,58
27.08.2019	09:45:00	8.712,44	6.813,15	18.036,32
27.08.2019	10:00:00	8.860,39	6.633,07	17.987,56
27.08.2019	10:15:00	8.956,43	6.425,21	17.653,32
27.08.2019	10:30:00	9.224,27	6.356,81	17.644,78
27.08.2019	10:45:00	9.307,12	6.128,55	17.943,90
27.08.2019	11:00:00	9.382,96	5.950,12	18.060,46
27.08.2019	11:15:00	9.634,43	5.951,52	18.030,82
27.08.2019	11:30:00	9.875,61	5.963,89	18.159,23
27.08.2019	11:45:00	10.233,03	6.129,20	18.299,57
27.08.2019	12:00:00	10.316,31	6.051,42	18.080,30
27.08.2019	12:15:00	10.389,05	5.971,22	17.570,91
27.08.2019	12:30:00	10.406,65	5.747,19	17.114,99
27.08.2019	12:45:00	10.196,08	5.400,42	16.984,05
27.08.2019	13:00:00	9.994,88	5.099,37	16.880,11
27.08.2019	13:15:00	9.147,66	4.995,88	16.721,97
27.08.2019	13:30:00	10.016,75	4.790,40	16.815,02
27.08.2019	13:45:00	9.241,90	5.035,02	16.932,61
27.08.2019	14:00:00	9.211,11	5.401,30	17.191,15
27.08.2019	14:15:00	9.389,31	5.836,87	17.549,98
27.08.2019	14:30:00	10.712,97	5.507,69	17.075,48
27.08.2019	14:45:00	11.063,58	5.665,88	16.990,98
27.08.2019	15:00:00	11.090,05	5.724,07	17.016,32
27.08.2019	15:15:00	10.557,71	5.543,18	16.639,68
27.08.2019	15:30:00	10.478,15	5.544,30	16.526,29
27.08.2019	15:45:00	11.023,34	5.927,49	16.540,77
27.08.2019	16:00:00	10.105,16	6.162,80	16.573,60
27.08.2019	16:15:00	11.144,15	6.484,41	16.514,86
27.08.2019	16:30:00	11.193,43	6.965,99	16.907,77
27.08.2019	16:45:00	10.960,81	6.939,76	16.538,99
27.08.2019	17:00:00	10.883,61	7.047,23	16.579,32
27.08.2019	17:15:00	11.035,54	7.645,88	16.878,36
27.08.2019	17:30:00	11.110,44	7.982,80	17.009,71
27.08.2019	17:45:00	11.174,10	8.036,99	16.723,73
27.08.2019	18:00:00	11.163,93	8.421,78	17.094,77
27.08.2019	18:15:00	11.147,32	8.587,07	16.999,08
27.08.2019	18:30:00	10.952,93	8.756,27	17.020,53
27.08.2019	18:45:00	10.849,05	8.923,07	17.112,24
27.08.2019	19:00:00	10.650,99	9.061,20	17.159,72
27.08.2019	19:15:00	10.394,84	9.291,58	17.334,14
27.08.2019	19:30:00	10.094,22	9.487,12	17.432,66

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.08.2019	19:45:00	9.809,45	9.478,63	17.283,00
27.08.2019	20:00:00	9.838,25	9.670,76	17.500,76
27.08.2019	20:15:00	9.801,21	9.711,10	17.196,24
27.08.2019	20:30:00	9.954,07	9.889,68	17.387,62
27.08.2019	20:45:00	10.412,04	10.352,30	17.728,85
27.08.2019	21:00:00	10.466,98	10.405,79	17.529,90
27.08.2019	21:15:00	10.387,42	10.324,67	17.107,66
27.08.2019	21:30:00	10.328,85	10.264,03	16.872,11
27.08.2019	21:45:00	9.841,73	9.776,56	16.004,57
27.08.2019	22:00:00	9.422,65	9.348,30	15.037,94
27.08.2019	22:15:00	9.057,30	8.984,18	14.584,48
27.08.2019	22:30:00	8.749,73	8.671,63	13.968,22
27.08.2019	22:45:00	8.433,86	8.353,71	13.336,00
27.08.2019	23:00:00	8.104,23	8.020,56	12.970,63
27.08.2019	23:15:00	7.709,28	7.626,36	12.469,89
27.08.2019	23:30:00	7.368,35	7.290,76	11.975,21
27.08.2019	23:45:00	7.002,71	6.921,90	11.527,04
28.08.2019	00:00:00	6.670,90	6.587,68	11.238,66
28.08.2019	00:15:00	6.404,09	6.305,51	10.878,40
28.08.2019	00:30:00	6.170,12	6.066,07	10.612,54
28.08.2019	00:45:00	5.979,14	5.875,59	10.669,77
28.08.2019	01:00:00	5.894,79	5.801,56	10.414,55
28.08.2019	01:15:00	5.732,14	5.664,37	10.360,78
28.08.2019	01:30:00	5.655,64	5.593,76	10.186,18
28.08.2019	01:45:00	5.658,60	5.596,25	10.188,08
28.08.2019	02:00:00	5.589,06	5.525,51	10.020,26
28.08.2019	02:15:00	5.434,62	5.371,76	9.872,16
28.08.2019	02:30:00	5.368,34	5.303,99	9.846,10
28.08.2019	02:45:00	5.356,05	5.293,01	9.975,04
28.08.2019	03:00:00	5.336,89	5.272,07	10.037,32
28.08.2019	03:15:00	5.313,15	5.247,14	9.978,50
28.08.2019	03:30:00	5.265,80	5.200,64	9.961,70
28.08.2019	03:45:00	5.263,40	5.198,06	9.961,70
28.08.2019	04:00:00	5.274,70	5.208,26	9.997,37
28.08.2019	04:15:00	5.389,78	5.325,46	10.005,84
28.08.2019	04:30:00	5.483,51	5.418,08	10.218,38
28.08.2019	04:45:00	5.591,04	5.538,30	10.322,10
28.08.2019	05:00:00	5.638,24	5.632,24	10.701,27
28.08.2019	05:15:00	6.049,76	6.043,28	11.657,22
28.08.2019	05:30:00	6.179,26	6.192,05	12.212,23
28.08.2019	05:45:00	6.375,14	6.403,41	12.712,74
28.08.2019	06:00:00	6.489,31	6.514,31	13.626,37
28.08.2019	06:15:00	7.011,71	7.052,36	15.729,28
28.08.2019	06:30:00	7.318,40	7.385,50	16.851,20
28.08.2019	06:45:00	7.197,55	7.247,88	17.143,66
28.08.2019	07:00:00	7.416,26	7.417,61	17.710,33
28.08.2019	07:15:00	7.852,41	7.780,79	18.586,07
28.08.2019	07:30:00	8.013,07	7.883,19	18.889,18
28.08.2019	07:45:00	8.444,84	8.287,97	19.489,03
28.08.2019	08:00:00	8.522,15	8.296,26	19.950,84
28.08.2019	08:15:00	8.794,55	8.502,64	20.192,42
28.08.2019	08:30:00	8.784,36	8.215,12	20.053,03
28.08.2019	08:45:00	8.809,55	7.932,52	19.996,92
28.08.2019	09:00:00	8.970,05	7.873,18	19.734,96
28.08.2019	09:15:00	9.056,51	7.899,34	19.281,87
28.08.2019	09:30:00	9.452,10	8.389,56	19.784,16
28.08.2019	09:45:00	9.596,24	7.901,93	19.787,59
28.08.2019	10:00:00	9.525,46	7.533,65	19.267,04
28.08.2019	10:15:00	9.588,07	7.638,06	19.530,86
28.08.2019	10:30:00	9.738,02	7.409,42	19.268,37
28.08.2019	10:45:00	9.748,05	7.049,18	19.026,56
28.08.2019	11:00:00	9.770,22	6.667,48	18.701,29
28.08.2019	11:15:00	10.072,06	6.796,06	18.862,77
28.08.2019	11:30:00	9.786,30	7.253,03	19.257,83
28.08.2019	11:45:00	10.619,12	8.025,04	20.177,18
28.08.2019	12:00:00	10.672,52	8.073,01	20.003,37
28.08.2019	12:15:00	10.736,96	7.965,40	19.312,06
28.08.2019	12:30:00	10.306,99	6.213,72	17.215,48
28.08.2019	12:45:00	10.023,04	4.973,36	16.067,66
28.08.2019	13:00:00	10.081,28	4.860,79	16.146,34
28.08.2019	13:15:00	9.874,16	4.570,55	16.142,11

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.08.2019	13:30:00	9.932,94	4.575,19	16.378,58
28.08.2019	13:45:00	10.014,19	4.672,88	16.409,37
28.08.2019	14:00:00	10.237,17	4.938,27	16.408,58
28.08.2019	14:15:00	9.996,14	4.797,30	16.143,54
28.08.2019	14:30:00	10.476,45	5.248,12	16.386,80
28.08.2019	14:45:00	10.117,94	4.948,41	15.929,34
28.08.2019	15:00:00	10.058,22	5.181,52	15.899,78
28.08.2019	15:15:00	10.249,15	5.368,20	16.008,63
28.08.2019	15:30:00	10.529,30	5.513,71	15.645,98
28.08.2019	15:45:00	10.309,70	5.896,16	15.936,62
28.08.2019	16:00:00	10.127,37	6.280,27	16.188,25
28.08.2019	16:15:00	10.454,19	6.353,74	15.831,54
28.08.2019	16:30:00	10.807,58	6.378,00	15.578,77
28.08.2019	16:45:00	10.691,94	6.551,06	15.599,06
28.08.2019	17:00:00	10.874,07	6.956,32	15.691,22
28.08.2019	17:15:00	10.926,75	7.303,57	15.831,24
28.08.2019	17:30:00	11.049,49	7.775,52	16.235,34
28.08.2019	17:45:00	11.207,55	8.228,32	16.723,98
28.08.2019	18:00:00	11.156,88	8.498,42	16.939,70
28.08.2019	18:15:00	11.078,44	8.793,21	16.900,78
28.08.2019	18:30:00	10.873,94	9.104,65	17.108,60
28.08.2019	18:45:00	10.738,41	9.201,41	17.158,45
28.08.2019	19:00:00	10.365,78	9.333,78	17.218,73
28.08.2019	19:15:00	10.080,80	9.635,21	17.588,89
28.08.2019	19:30:00	9.992,11	9.669,24	17.382,17
28.08.2019	19:45:00	9.989,06	9.813,22	17.513,23
28.08.2019	20:00:00	9.851,44	9.732,09	17.393,48
28.08.2019	20:15:00	9.834,79	9.771,41	17.299,50
28.08.2019	20:30:00	10.008,57	9.952,55	17.345,50
28.08.2019	20:45:00	10.525,75	10.475,62	17.765,32
28.08.2019	21:00:00	10.455,49	10.393,84	17.495,37
28.08.2019	21:15:00	10.384,61	10.321,88	17.248,38
28.08.2019	21:30:00	10.402,37	10.331,26	17.139,56
28.08.2019	21:45:00	9.935,87	9.863,26	16.486,27
28.08.2019	22:00:00	9.501,09	9.424,35	15.779,24
28.08.2019	22:15:00	9.193,25	9.113,77	15.184,56
28.08.2019	22:30:00	8.866,26	8.780,40	14.540,50
28.08.2019	22:45:00	8.536,24	8.447,74	13.890,75
28.08.2019	23:00:00	8.186,65	8.183,05	13.498,76
28.08.2019	23:15:00	7.863,01	7.856,84	13.172,25
28.08.2019	23:30:00	7.444,40	7.432,56	12.576,35
28.08.2019	23:45:00	7.061,96	7.047,75	12.086,05
29.08.2019	00:00:00	6.733,11	6.716,69	11.739,42
29.08.2019	00:15:00	6.453,07	6.434,05	11.278,00
29.08.2019	00:30:00	6.246,08	6.224,83	11.104,56
29.08.2019	00:45:00	6.117,22	6.095,46	10.973,09
29.08.2019	01:00:00	5.959,10	5.933,28	10.848,16
29.08.2019	01:15:00	5.762,49	5.756,16	10.630,76
29.08.2019	01:30:00	5.642,09	5.642,35	10.542,60
29.08.2019	01:45:00	5.628,27	5.635,02	10.655,37
29.08.2019	02:00:00	5.453,63	5.472,65	10.367,00
29.08.2019	02:15:00	5.381,92	5.400,01	10.197,55
29.08.2019	02:30:00	5.366,60	5.385,92	10.294,04
29.08.2019	02:45:00	5.279,13	5.299,47	10.128,09
29.08.2019	03:00:00	5.298,46	5.314,85	10.019,58
29.08.2019	03:15:00	5.275,90	5.293,15	10.008,62
29.08.2019	03:30:00	5.249,08	5.265,27	10.155,40
29.08.2019	03:45:00	5.238,48	5.257,46	10.096,97
29.08.2019	04:00:00	5.306,69	5.326,10	10.208,14
29.08.2019	04:15:00	5.416,98	5.436,25	10.277,74
29.08.2019	04:30:00	5.504,99	5.526,55	10.482,13
29.08.2019	04:45:00	5.597,77	5.618,70	10.633,42
29.08.2019	05:00:00	5.647,90	5.594,25	10.906,41
29.08.2019	05:15:00	6.149,07	6.080,75	11.717,39
29.08.2019	05:30:00	6.216,01	6.153,30	11.699,83
29.08.2019	05:45:00	6.410,15	6.356,34	12.558,16
29.08.2019	06:00:00	6.533,82	6.485,98	13.164,59
29.08.2019	06:15:00	7.013,58	7.001,80	15.030,76
29.08.2019	06:30:00	7.192,28	7.207,98	15.926,34
29.08.2019	06:45:00	7.156,01	7.166,98	16.281,96
29.08.2019	07:00:00	7.507,09	7.513,70	17.070,90

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.08.2019	07:15:00	7.861,68	7.818,70	18.115,13
29.08.2019	07:30:00	8.084,30	7.972,64	18.564,58
29.08.2019	07:45:00	8.335,10	8.104,40	19.047,09
29.08.2019	08:00:00	8.335,97	8.013,07	19.224,44
29.08.2019	08:15:00	8.439,46	8.039,50	19.308,60
29.08.2019	08:30:00	8.695,80	8.240,59	19.579,24
29.08.2019	08:45:00	8.669,78	7.939,44	19.322,74
29.08.2019	09:00:00	8.746,24	7.743,88	19.039,32
29.08.2019	09:15:00	8.945,15	7.597,01	18.322,14
29.08.2019	09:30:00	9.180,15	7.559,80	18.395,92
29.08.2019	09:45:00	9.320,77	7.584,13	18.902,30
29.08.2019	10:00:00	9.613,06	7.492,42	19.073,28
29.08.2019	10:15:00	10.013,29	8.734,73	20.540,70
29.08.2019	10:30:00	10.182,99	9.354,73	21.205,39
29.08.2019	10:45:00	9.978,10	8.448,50	20.280,40
29.08.2019	11:00:00	10.027,92	7.589,48	19.437,54
29.08.2019	11:15:00	10.069,38	7.307,53	19.194,88
29.08.2019	11:30:00	10.007,03	8.023,97	19.782,73
29.08.2019	11:45:00	10.498,68	8.371,09	20.223,82
29.08.2019	12:00:00	10.636,07	7.603,05	19.232,14
29.08.2019	12:15:00	10.578,29	7.184,06	18.365,02
29.08.2019	12:30:00	10.459,12	5.880,97	16.863,86
29.08.2019	12:45:00	10.365,98	5.789,00	16.879,03
29.08.2019	13:00:00	10.245,66	5.995,04	17.145,50
29.08.2019	13:15:00	10.030,89	5.321,08	16.592,23
29.08.2019	13:30:00	10.032,72	5.248,69	16.620,31
29.08.2019	13:45:00	9.878,14	5.981,98	17.301,98
29.08.2019	14:00:00	10.205,13	4.747,48	16.092,42
29.08.2019	14:15:00	10.297,07	6.855,11	18.181,01
29.08.2019	14:30:00	10.433,46	9.736,64	21.178,08
29.08.2019	14:45:00	10.562,10	10.132,12	21.441,47
29.08.2019	15:00:00	10.568,48	10.346,88	21.439,01
29.08.2019	15:15:00	10.881,69	10.859,51	21.765,13
29.08.2019	15:30:00	10.745,60	10.728,40	21.575,30
29.08.2019	15:45:00	10.739,04	10.704,63	21.267,03
29.08.2019	16:00:00	10.662,36	10.597,61	20.859,96
29.08.2019	16:15:00	10.626,52	10.551,24	20.361,67
29.08.2019	16:30:00	10.716,02	10.627,43	20.013,14
29.08.2019	16:45:00	10.776,77	10.578,34	19.699,85
29.08.2019	17:00:00	10.721,54	10.289,32	19.158,94
29.08.2019	17:15:00	10.692,78	9.797,00	18.213,74
29.08.2019	17:30:00	10.645,99	9.529,39	17.844,76
29.08.2019	17:45:00	10.627,37	9.694,47	17.931,95
29.08.2019	18:00:00	10.554,66	9.852,36	17.969,35
29.08.2019	18:15:00	10.515,88	10.001,51	17.817,33
29.08.2019	18:30:00	10.314,85	9.914,01	17.583,22
29.08.2019	18:45:00	10.273,89	9.877,34	17.508,25
29.08.2019	19:00:00	10.027,97	9.651,30	17.136,08
29.08.2019	19:15:00	10.003,49	9.578,13	16.899,51
29.08.2019	19:30:00	9.874,12	9.608,41	16.898,28
29.08.2019	19:45:00	9.805,91	9.663,01	16.849,85
29.08.2019	20:00:00	9.868,41	9.796,06	16.935,83
29.08.2019	20:15:00	9.912,41	9.890,09	16.918,81
29.08.2019	20:30:00	10.005,28	10.000,19	16.964,08
29.08.2019	20:45:00	10.316,74	10.319,16	17.096,62
29.08.2019	21:00:00	10.389,56	10.395,87	17.190,54
29.08.2019	21:15:00	10.301,37	10.306,13	16.898,45
29.08.2019	21:30:00	10.279,20	10.279,11	16.643,84
29.08.2019	21:45:00	9.892,04	9.888,39	16.186,05
29.08.2019	22:00:00	9.461,88	9.454,89	15.564,58
29.08.2019	22:15:00	9.157,34	9.149,27	15.028,76
29.08.2019	22:30:00	8.905,11	8.895,34	14.565,54
29.08.2019	22:45:00	8.519,79	8.502,92	13.980,22
29.08.2019	23:00:00	8.294,13	8.271,36	13.578,52
29.08.2019	23:15:00	7.873,17	7.848,05	12.975,98
29.08.2019	23:30:00	7.451,12	7.426,59	12.489,56
29.08.2019	23:45:00	7.099,90	7.071,95	11.938,34
30.08.2019	00:00:00	6.813,08	6.780,96	11.333,43
30.08.2019	00:15:00	6.488,29	6.451,45	10.970,36
30.08.2019	00:30:00	6.285,71	6.245,57	10.875,90
30.08.2019	00:45:00	6.055,67	6.015,50	10.695,97

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.08.2019	01:00:00	5.911,12	5.882,66	10.550,79
30.08.2019	01:15:00	5.772,70	5.773,42	10.444,93
30.08.2019	01:30:00	5.707,35	5.711,58	10.398,02
30.08.2019	01:45:00	5.623,23	5.627,94	10.166,66
30.08.2019	02:00:00	5.517,01	5.519,31	9.986,71
30.08.2019	02:15:00	5.506,56	5.510,64	9.972,02
30.08.2019	02:30:00	5.489,18	5.496,81	10.050,92
30.08.2019	02:45:00	5.397,90	5.400,58	9.858,06
30.08.2019	03:00:00	5.287,17	5.288,21	9.843,93
30.08.2019	03:15:00	5.310,36	5.310,08	9.712,42
30.08.2019	03:30:00	5.279,79	5.352,21	9.852,24
30.08.2019	03:45:00	5.278,95	5.376,27	9.937,37
30.08.2019	04:00:00	5.272,22	5.364,54	9.882,42
30.08.2019	04:15:00	5.394,81	5.486,07	9.979,22
30.08.2019	04:30:00	5.533,48	5.627,82	10.162,26
30.08.2019	04:45:00	5.690,34	5.785,50	10.424,90
30.08.2019	05:00:00	5.688,45	5.785,53	10.644,49
30.08.2019	05:15:00	6.102,83	6.190,24	11.488,40
30.08.2019	05:30:00	6.211,79	6.312,80	11.815,34
30.08.2019	05:45:00	6.463,72	6.506,03	12.631,83
30.08.2019	06:00:00	6.652,96	6.664,27	13.599,76
30.08.2019	06:15:00	7.162,86	7.179,69	15.243,40
30.08.2019	06:30:00	7.164,09	7.200,93	15.793,46
30.08.2019	06:45:00	7.302,68	7.339,58	16.473,57
30.08.2019	07:00:00	7.527,72	7.546,23	17.060,26
30.08.2019	07:15:00	7.786,50	7.729,50	17.765,87
30.08.2019	07:30:00	8.032,94	7.901,58	18.107,93
30.08.2019	07:45:00	8.103,80	7.868,43	18.339,47
30.08.2019	08:00:00	8.244,41	7.998,56	18.799,42
30.08.2019	08:15:00	8.392,30	8.089,98	19.061,54
30.08.2019	08:30:00	8.368,49	7.970,35	18.971,88
30.08.2019	08:45:00	8.387,03	7.715,17	18.949,10
30.08.2019	09:00:00	8.472,12	7.547,46	18.569,50
30.08.2019	09:15:00	8.476,97	7.332,91	17.940,96
30.08.2019	09:30:00	8.703,04	7.209,35	17.852,62
30.08.2019	09:45:00	9.046,54	7.209,37	18.203,26
30.08.2019	10:00:00	9.153,50	6.960,74	18.102,60
30.08.2019	10:15:00	9.334,29	6.861,21	17.951,21
30.08.2019	10:30:00	9.457,89	6.679,83	17.897,89
30.08.2019	10:45:00	9.505,84	6.391,58	17.646,42
30.08.2019	11:00:00	9.668,04	6.171,41	17.501,54
30.08.2019	11:15:00	9.774,60	5.952,38	17.248,74
30.08.2019	11:30:00	10.000,57	5.954,68	17.188,16
30.08.2019	11:45:00	10.256,15	5.989,28	17.318,96
30.08.2019	12:00:00	10.476,35	5.994,11	16.887,36
30.08.2019	12:15:00	10.518,29	5.896,18	16.228,42
30.08.2019	12:30:00	10.398,44	5.584,91	15.495,30
30.08.2019	12:45:00	10.390,18	5.422,97	15.083,51
30.08.2019	13:00:00	10.245,15	5.205,75	14.921,51
30.08.2019	13:15:00	10.219,49	5.102,70	14.741,35
30.08.2019	13:30:00	10.114,83	4.960,77	14.871,62
30.08.2019	13:45:00	10.180,35	4.997,29	14.700,00
30.08.2019	14:00:00	10.082,03	4.888,01	14.655,75
30.08.2019	14:15:00	10.140,53	4.877,53	14.289,06
30.08.2019	14:30:00	10.029,18	4.812,84	14.129,73
30.08.2019	14:45:00	10.093,63	4.885,29	14.139,21
30.08.2019	15:00:00	10.162,24	5.033,36	14.161,49
30.08.2019	15:15:00	10.147,51	5.011,83	13.951,66
30.08.2019	15:30:00	9.946,60	5.336,51	14.034,41
30.08.2019	15:45:00	10.416,52	5.498,66	14.043,98
30.08.2019	16:00:00	10.554,23	5.803,19	14.130,12
30.08.2019	16:15:00	10.654,43	5.989,63	14.078,86
30.08.2019	16:30:00	10.458,28	5.974,00	13.830,50
30.08.2019	16:45:00	10.202,78	6.369,10	14.064,99
30.08.2019	17:00:00	9.974,36	6.785,07	14.388,35
30.08.2019	17:15:00	11.114,60	7.224,02	14.617,14
30.08.2019	17:30:00	11.048,71	7.717,22	14.877,73
30.08.2019	17:45:00	11.151,14	7.963,35	15.127,70
30.08.2019	18:00:00	10.896,06	8.101,48	15.115,91
30.08.2019	18:15:00	11.121,88	8.755,48	15.706,12
30.08.2019	18:30:00	10.131,79	9.239,93	16.306,71

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.08.2019	18:45:00	10.423,45	9.201,73	16.156,11
30.08.2019	19:00:00	10.519,58	9.291,22	16.236,99
30.08.2019	19:15:00	10.231,91	9.431,15	16.468,67
30.08.2019	19:30:00	9.932,12	9.468,19	16.495,25
30.08.2019	19:45:00	9.739,93	9.506,13	16.357,92
30.08.2019	20:00:00	9.749,36	9.652,68	16.360,28
30.08.2019	20:15:00	9.633,46	9.610,77	16.025,20
30.08.2019	20:30:00	9.727,56	9.722,11	15.995,88
30.08.2019	20:45:00	10.215,52	10.215,99	16.453,82
30.08.2019	21:00:00	10.273,41	10.217,56	16.347,66
30.08.2019	21:15:00	10.160,89	10.069,96	15.966,84
30.08.2019	21:30:00	10.155,06	10.064,58	15.952,44
30.08.2019	21:45:00	9.746,96	9.650,10	15.450,48
30.08.2019	22:00:00	9.439,32	9.338,72	15.097,81
30.08.2019	22:15:00	9.169,77	9.059,10	14.864,07
30.08.2019	22:30:00	9.032,52	8.915,49	14.399,46
30.08.2019	22:45:00	8.702,37	8.582,68	13.722,67
30.08.2019	23:00:00	8.443,22	8.320,19	13.312,52
30.08.2019	23:15:00	8.079,56	7.951,91	12.805,54
30.08.2019	23:30:00	7.715,80	7.585,20	12.400,82
30.08.2019	23:45:00	7.345,10	7.211,80	11.874,52
31.08.2019	00:00:00	7.078,42	6.942,56	11.518,48
31.08.2019	00:15:00	6.831,68	6.692,68	11.216,70
31.08.2019	00:30:00	6.606,95	6.466,81	11.104,33
31.08.2019	00:45:00	6.469,19	6.325,33	10.929,30
31.08.2019	01:00:00	6.272,65	6.139,93	10.679,65
31.08.2019	01:15:00	6.135,75	6.031,83	10.622,81
31.08.2019	01:30:00	6.027,51	5.928,99	10.502,07
31.08.2019	01:45:00	5.875,07	5.776,00	10.412,75
31.08.2019	02:00:00	5.805,68	5.650,03	10.154,08
31.08.2019	02:15:00	5.680,58	5.534,37	10.033,41
31.08.2019	02:30:00	5.619,20	5.511,67	9.935,83
31.08.2019	02:45:00	5.512,41	5.400,90	9.914,31
31.08.2019	03:00:00	5.479,72	5.370,48	9.885,32
31.08.2019	03:15:00	5.428,46	5.318,20	9.679,27
31.08.2019	03:30:00	5.321,11	5.210,14	9.556,35
31.08.2019	03:45:00	5.320,79	5.210,07	9.615,01
31.08.2019	04:00:00	5.360,84	5.285,40	9.604,94
31.08.2019	04:15:00	5.402,65	5.400,98	9.620,62
31.08.2019	04:30:00	5.413,77	5.411,77	9.447,82
31.08.2019	04:45:00	5.540,31	5.544,91	9.717,38
31.08.2019	05:00:00	5.526,66	5.529,18	9.698,96
31.08.2019	05:15:00	5.648,43	5.638,60	9.958,00
31.08.2019	05:30:00	5.729,40	5.725,51	9.942,09
31.08.2019	05:45:00	5.822,03	5.828,63	10.217,36
31.08.2019	06:00:00	5.967,73	5.981,82	10.510,96
31.08.2019	06:15:00	6.368,58	6.384,22	11.177,65
31.08.2019	06:30:00	6.262,49	6.285,37	11.065,63
31.08.2019	06:45:00	6.198,61	6.222,65	10.998,16
31.08.2019	07:00:00	6.344,07	6.324,74	11.156,92
31.08.2019	07:15:00	6.523,04	6.432,64	11.274,78
31.08.2019	07:30:00	6.737,11	6.547,20	11.387,47
31.08.2019	07:45:00	6.923,04	6.677,26	11.630,44
31.08.2019	08:00:00	7.013,67	6.709,22	11.725,35
31.08.2019	08:15:00	7.215,79	6.847,84	11.885,21
31.08.2019	08:30:00	7.265,90	6.747,91	11.897,79
31.08.2019	08:45:00	7.293,30	6.555,94	11.768,60
31.08.2019	09:00:00	7.534,73	6.544,79	11.726,56
31.08.2019	09:15:00	7.874,53	6.556,36	11.666,89
31.08.2019	09:30:00	8.140,83	6.441,37	11.622,61
31.08.2019	09:45:00	8.405,34	6.355,05	11.678,02
31.08.2019	10:00:00	8.556,72	6.135,11	11.366,52
31.08.2019	10:15:00	8.747,14	5.994,90	11.366,42
31.08.2019	10:30:00	8.920,95	5.854,11	11.231,01
31.08.2019	10:45:00	9.069,74	5.678,80	11.032,89
31.08.2019	11:00:00	9.131,30	5.450,31	10.796,66
31.08.2019	11:15:00	9.327,10	5.307,74	10.952,38
31.08.2019	11:30:00	9.531,81	5.262,29	10.946,85
31.08.2019	11:45:00	9.788,34	5.320,18	10.985,49
31.08.2019	12:00:00	9.880,95	5.223,26	10.890,25
31.08.2019	12:15:00	9.960,00	5.121,39	10.753,87

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.08.2019	12:30:00	10.134,83	5.181,19	10.693,48
31.08.2019	12:45:00	10.046,98	4.959,68	10.464,20
31.08.2019	13:00:00	9.941,93	4.765,27	10.194,32
31.08.2019	13:15:00	9.862,76	4.643,65	10.032,86
31.08.2019	13:30:00	9.835,38	4.526,74	9.832,24
31.08.2019	13:45:00	9.744,40	4.462,65	9.761,15
31.08.2019	14:00:00	9.676,18	4.326,92	9.583,23
31.08.2019	14:15:00	9.586,11	4.217,51	9.416,53
31.08.2019	14:30:00	9.453,23	4.060,20	9.257,09
31.08.2019	14:45:00	9.391,21	4.112,29	9.275,58
31.08.2019	15:00:00	9.065,83	4.411,82	9.523,80
31.08.2019	15:15:00	9.529,12	4.328,15	9.406,68
31.08.2019	15:30:00	9.758,90	4.741,91	9.885,09
31.08.2019	15:45:00	9.491,88	4.568,94	9.780,71
31.08.2019	16:00:00	9.956,73	5.093,16	10.324,40
31.08.2019	16:15:00	9.588,27	4.703,81	9.980,28
31.08.2019	16:30:00	9.549,86	4.936,49	10.187,82
31.08.2019	16:45:00	9.746,22	5.367,51	10.577,38
31.08.2019	17:00:00	9.762,31	5.950,27	11.072,00
31.08.2019	17:15:00	10.203,67	6.132,84	11.224,68
31.08.2019	17:30:00	10.143,12	6.709,55	11.824,29
31.08.2019	17:45:00	10.464,83	7.484,31	12.621,28
31.08.2019	18:00:00	9.904,58	8.158,84	13.374,15
31.08.2019	18:15:00	10.341,84	8.255,26	13.368,68
31.08.2019	18:30:00	10.001,47	8.138,96	13.260,69
31.08.2019	18:45:00	10.022,75	8.051,88	13.124,01
31.08.2019	19:00:00	9.832,37	8.344,58	13.437,37
31.08.2019	19:15:00	9.750,72	8.669,21	13.844,39
31.08.2019	19:30:00	9.445,46	8.718,86	13.840,42
31.08.2019	19:45:00	9.306,78	8.692,59	13.829,51
31.08.2019	20:00:00	9.313,59	8.902,48	13.985,83
31.08.2019	20:15:00	9.279,03	9.041,21	14.026,08
31.08.2019	20:30:00	9.623,86	9.530,72	14.416,04
31.08.2019	20:45:00	9.979,78	9.892,83	14.480,14
31.08.2019	21:00:00	9.917,81	9.827,02	14.367,27
31.08.2019	21:15:00	9.927,12	9.835,10	14.194,76
31.08.2019	21:30:00	9.888,91	9.799,76	14.095,00
31.08.2019	21:45:00	9.423,53	9.329,97	13.625,71
31.08.2019	22:00:00	9.065,27	8.966,55	13.211,83
31.08.2019	22:15:00	8.977,56	8.878,52	13.079,14
31.08.2019	22:30:00	8.811,95	8.792,40	12.873,30
31.08.2019	22:45:00	8.704,25	8.691,76	12.741,16
31.08.2019	23:00:00	8.463,50	8.444,47	12.386,50
31.08.2019	23:15:00	8.114,79	8.092,36	11.963,92
31.08.2019	23:30:00	7.801,71	7.776,74	11.576,77
31.08.2019	23:45:00	7.540,43	7.512,51	11.285,98
01.09.2019	00:00:00	7.263,21	7.232,94	10.994,30
01.09.2019	00:15:00	6.968,43	6.937,43	10.604,42
01.09.2019	00:30:00	6.727,32	6.695,08	10.254,48
01.09.2019	00:45:00	6.477,96	6.442,64	10.075,61
01.09.2019	01:00:00	6.358,68	6.338,98	9.980,93
01.09.2019	01:15:00	6.135,07	6.139,57	9.727,53
01.09.2019	01:30:00	5.995,94	6.006,71	9.678,24
01.09.2019	01:45:00	5.878,95	5.885,61	9.543,60
01.09.2019	02:00:00	5.768,88	5.775,73	9.549,43
01.09.2019	02:15:00	5.647,79	5.652,19	9.742,28
01.09.2019	02:30:00	5.572,21	5.575,80	9.626,42
01.09.2019	02:45:00	5.498,99	5.502,11	9.471,01
01.09.2019	03:00:00	5.399,29	5.402,06	9.384,40
01.09.2019	03:15:00	5.350,33	5.351,83	9.342,93
01.09.2019	03:30:00	5.337,01	5.340,27	9.268,49
01.09.2019	03:45:00	5.302,13	5.304,96	9.131,56
01.09.2019	04:00:00	5.308,78	5.310,80	9.229,40
01.09.2019	04:15:00	5.340,82	5.342,49	9.181,10
01.09.2019	04:30:00	5.319,67	5.335,58	9.166,94
01.09.2019	04:45:00	5.335,62	5.385,15	9.255,70
01.09.2019	05:00:00	5.359,83	5.416,01	9.292,78
01.09.2019	05:15:00	5.471,58	5.508,69	9.488,41
01.09.2019	05:30:00	5.460,90	5.476,40	9.442,47
01.09.2019	05:45:00	5.503,54	5.440,38	9.443,78
01.09.2019	06:00:00	5.444,61	5.383,12	9.432,39

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.09.2019	06:15:00	5.700,96	5.641,08	9.684,54
01.09.2019	06:30:00	5.662,16	5.600,13	9.690,04
01.09.2019	06:45:00	5.493,91	5.430,23	9.538,67
01.09.2019	07:00:00	5.593,64	5.491,16	9.586,49
01.09.2019	07:15:00	5.715,58	5.560,27	9.550,31
01.09.2019	07:30:00	5.732,55	5.486,29	9.538,96
01.09.2019	07:45:00	5.888,91	5.528,24	9.473,41
01.09.2019	08:00:00	5.905,76	5.434,59	9.377,48
01.09.2019	08:15:00	6.082,21	5.529,86	9.409,72
01.09.2019	08:30:00	6.179,93	5.495,72	9.382,64
01.09.2019	08:45:00	6.373,54	5.467,02	9.406,22
01.09.2019	09:00:00	6.761,82	5.592,15	9.510,80
01.09.2019	09:15:00	7.022,63	5.573,13	9.633,90
01.09.2019	09:30:00	7.206,18	5.748,39	9.763,95
01.09.2019	09:45:00	7.181,44	5.062,37	9.048,47
01.09.2019	10:00:00	7.954,82	5.326,92	9.374,08
01.09.2019	10:15:00	8.025,65	4.984,81	9.025,90
01.09.2019	10:30:00	8.184,08	4.760,14	8.720,63
01.09.2019	10:45:00	8.244,05	4.530,40	8.214,28
01.09.2019	11:00:00	8.159,15	4.570,38	8.284,73
01.09.2019	11:15:00	9.092,33	5.113,65	8.841,56
01.09.2019	11:30:00	10.093,39	5.803,14	9.574,06
01.09.2019	11:45:00	9.399,44	6.629,34	10.363,36
01.09.2019	12:00:00	9.892,41	8.666,93	12.393,63
01.09.2019	12:15:00	10.171,37	9.425,72	13.185,95
01.09.2019	12:30:00	10.167,40	9.436,54	13.283,55
01.09.2019	12:45:00	10.116,77	9.358,36	13.273,17
01.09.2019	13:00:00	9.969,71	8.998,98	12.889,78
01.09.2019	13:15:00	9.723,58	9.061,67	12.982,49
01.09.2019	13:30:00	9.479,81	7.932,16	11.669,90
01.09.2019	13:45:00	9.400,18	7.830,21	11.579,04
01.09.2019	14:00:00	9.325,07	8.365,05	12.162,34
01.09.2019	14:15:00	9.250,59	8.195,61	11.926,82
01.09.2019	14:30:00	9.114,65	7.560,39	11.289,67
01.09.2019	14:45:00	9.262,97	6.994,71	10.687,52
01.09.2019	15:00:00	9.121,13	7.639,30	11.404,82
01.09.2019	15:15:00	8.872,90	7.549,12	11.315,43
01.09.2019	15:30:00	8.392,32	7.122,11	10.716,88
01.09.2019	15:45:00	9.832,91	5.691,78	9.347,58
01.09.2019	16:00:00	9.316,33	5.936,04	9.626,71
01.09.2019	16:15:00	8.122,51	5.519,30	9.187,33
01.09.2019	16:30:00	9.538,39	4.876,65	8.577,27
01.09.2019	16:45:00	9.424,79	6.266,08	10.252,72
01.09.2019	17:00:00	8.617,47	7.100,41	11.211,28
01.09.2019	17:15:00	9.214,86	6.562,01	10.695,68
01.09.2019	17:30:00	9.277,92	7.152,56	11.157,05
01.09.2019	17:45:00	9.072,46	8.029,79	12.119,54
01.09.2019	18:00:00	9.154,88	8.205,90	12.285,66
01.09.2019	18:15:00	9.085,44	8.451,02	12.530,83
01.09.2019	18:30:00	9.171,44	8.737,56	12.811,30
01.09.2019	18:45:00	9.203,49	8.644,51	12.776,67
01.09.2019	19:00:00	9.194,92	8.736,41	12.897,68
01.09.2019	19:15:00	9.337,98	8.986,79	13.042,14
01.09.2019	19:30:00	9.293,90	9.026,64	13.107,25
01.09.2019	19:45:00	9.277,26	9.046,99	13.227,03
01.09.2019	20:00:00	9.349,27	9.215,18	13.345,50
01.09.2019	20:15:00	9.566,75	9.519,21	13.723,49
01.09.2019	20:30:00	9.896,35	9.874,64	14.114,84
01.09.2019	20:45:00	10.157,64	10.151,66	14.368,72
01.09.2019	21:00:00	10.059,73	10.053,85	14.161,75
01.09.2019	21:15:00	9.844,56	9.839,49	13.970,28
01.09.2019	21:30:00	9.682,30	9.575,35	13.723,87
01.09.2019	21:45:00	9.347,53	9.234,55	13.418,48
01.09.2019	22:00:00	8.982,05	8.866,00	13.076,36
01.09.2019	22:15:00	8.817,60	8.699,17	13.073,88
01.09.2019	22:30:00	8.535,83	8.416,54	12.871,56
01.09.2019	22:45:00	8.267,21	8.142,77	12.583,03
01.09.2019	23:00:00	7.976,54	7.849,34	12.245,92
01.09.2019	23:15:00	7.579,89	7.449,79	11.947,16
01.09.2019	23:30:00	7.141,67	7.010,34	11.381,94
01.09.2019	23:45:00	6.807,85	6.708,76	11.088,74

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.09.2019	00:00:00	6.492,63	6.452,97	10.826,10
02.09.2019	00:15:00	6.186,01	6.145,14	10.442,32
02.09.2019	00:30:00	6.000,98	5.956,43	10.386,28
02.09.2019	00:45:00	5.867,37	5.821,08	10.181,93
02.09.2019	01:00:00	5.712,36	5.678,55	10.089,27
02.09.2019	01:15:00	5.625,55	5.620,43	9.945,21
02.09.2019	01:30:00	5.595,71	5.595,05	9.758,88
02.09.2019	01:45:00	5.510,97	5.511,73	9.553,02
02.09.2019	02:00:00	5.465,47	5.465,17	9.358,99
02.09.2019	02:15:00	5.429,22	5.429,07	9.402,32
02.09.2019	02:30:00	5.403,31	5.402,00	9.436,91
02.09.2019	02:45:00	5.359,63	5.357,56	9.390,66
02.09.2019	03:00:00	5.339,50	5.337,35	9.449,08
02.09.2019	03:15:00	5.266,39	5.264,32	9.471,54
02.09.2019	03:30:00	5.265,11	5.263,13	9.471,94
02.09.2019	03:45:00	5.240,91	5.238,66	9.408,44
02.09.2019	04:00:00	5.303,52	5.300,82	9.446,29
02.09.2019	04:15:00	5.389,08	5.387,54	9.471,88
02.09.2019	04:30:00	5.459,74	5.458,03	9.503,00
02.09.2019	04:45:00	5.581,55	5.583,37	9.667,98
02.09.2019	05:00:00	5.748,18	5.749,99	10.057,78
02.09.2019	05:15:00	6.102,32	6.094,85	11.020,93
02.09.2019	05:30:00	6.112,45	6.181,71	11.386,14
02.09.2019	05:45:00	6.349,54	6.472,26	12.060,38
02.09.2019	06:00:00	6.480,83	6.601,83	12.871,71
02.09.2019	06:15:00	7.093,43	7.225,10	15.324,64
02.09.2019	06:30:00	7.549,13	7.705,85	16.615,20
02.09.2019	06:45:00	7.372,72	7.461,39	16.572,66
02.09.2019	07:00:00	7.662,13	7.805,26	17.250,04
02.09.2019	07:15:00	8.081,01	8.199,63	18.128,92
02.09.2019	07:30:00	8.303,07	8.322,47	18.502,08
02.09.2019	07:45:00	8.461,39	8.418,94	18.951,45
02.09.2019	08:00:00	8.727,21	8.544,96	19.415,46
02.09.2019	08:15:00	9.011,78	8.672,24	19.608,21
02.09.2019	08:30:00	8.924,19	8.336,80	19.333,46
02.09.2019	08:45:00	9.090,88	8.339,87	19.398,75
02.09.2019	09:00:00	9.076,24	8.076,51	19.322,60
02.09.2019	09:15:00	9.475,56	8.861,22	19.947,63
02.09.2019	09:30:00	8.835,44	7.493,21	18.694,88
02.09.2019	09:45:00	9.173,83	6.744,03	18.228,14
02.09.2019	10:00:00	9.685,89	8.215,33	19.917,21
02.09.2019	10:15:00	9.704,09	8.409,95	19.815,39
02.09.2019	10:30:00	8.922,92	6.542,15	17.785,91
02.09.2019	10:45:00	10.501,82	5.964,59	17.370,12
02.09.2019	11:00:00	9.682,79	7.461,30	19.222,86
02.09.2019	11:15:00	9.417,46	6.924,63	18.544,11
02.09.2019	11:30:00	10.707,39	7.288,31	18.900,46
02.09.2019	11:45:00	10.113,58	7.129,76	18.809,51
02.09.2019	12:00:00	10.640,45	5.923,30	17.141,15
02.09.2019	12:15:00	10.988,88	5.596,15	16.369,80
02.09.2019	12:30:00	10.068,21	5.573,68	15.914,40
02.09.2019	12:45:00	9.396,55	6.563,93	17.142,80
02.09.2019	13:00:00	9.990,84	6.768,24	17.632,24
02.09.2019	13:15:00	10.803,54	4.788,38	15.652,90
02.09.2019	13:30:00	9.983,40	6.741,84	17.942,90
02.09.2019	13:45:00	10.381,05	8.236,16	19.649,48
02.09.2019	14:00:00	10.313,38	7.942,64	19.382,86
02.09.2019	14:15:00	10.701,03	6.833,97	18.072,37
02.09.2019	14:30:00	10.307,18	7.746,31	18.818,76
02.09.2019	14:45:00	10.327,33	7.304,94	18.307,32
02.09.2019	15:00:00	11.135,56	8.235,14	19.156,38
02.09.2019	15:15:00	9.920,55	8.708,70	19.317,44
02.09.2019	15:30:00	10.901,84	6.170,75	16.416,09
02.09.2019	15:45:00	10.640,36	5.259,09	15.120,76
02.09.2019	16:00:00	10.642,16	7.104,35	16.706,01
02.09.2019	16:15:00	9.202,93	7.589,88	16.648,91
02.09.2019	16:30:00	10.256,02	6.982,20	15.692,58
02.09.2019	16:45:00	10.720,34	7.018,65	15.517,81
02.09.2019	17:00:00	10.827,13	7.302,11	15.617,64
02.09.2019	17:15:00	10.096,87	8.469,31	16.661,22
02.09.2019	17:30:00	10.905,77	8.574,09	16.633,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.09.2019	17:45:00	10.174,00	9.103,11	16.933,54
02.09.2019	18:00:00	10.682,10	8.837,13	16.406,73
02.09.2019	18:15:00	10.755,86	8.939,25	16.363,44
02.09.2019	18:30:00	11.028,57	9.126,43	16.268,35
02.09.2019	18:45:00	10.956,45	9.546,96	16.586,51
02.09.2019	19:00:00	10.423,04	9.623,04	16.862,96
02.09.2019	19:15:00	10.165,38	10.008,56	17.295,34
02.09.2019	19:30:00	10.283,13	10.210,43	17.390,53
02.09.2019	19:45:00	10.186,38	10.146,74	17.392,09
02.09.2019	20:00:00	10.298,96	10.239,29	17.394,38
02.09.2019	20:15:00	10.234,69	10.212,98	17.255,12
02.09.2019	20:30:00	10.312,98	10.292,43	17.157,46
02.09.2019	20:45:00	10.779,70	10.762,33	17.530,18
02.09.2019	21:00:00	10.602,43	10.585,33	17.338,71
02.09.2019	21:15:00	10.431,04	10.409,09	17.003,81
02.09.2019	21:30:00	10.359,67	10.336,83	16.632,99
02.09.2019	21:45:00	9.908,32	9.877,57	15.947,38
02.09.2019	22:00:00	9.436,40	9.400,55	15.201,21
02.09.2019	22:15:00	9.150,69	9.111,21	14.664,27
02.09.2019	22:30:00	8.883,86	8.841,44	14.150,34
02.09.2019	22:45:00	8.610,87	8.563,56	13.652,29
02.09.2019	23:00:00	8.271,94	8.221,35	13.517,94
02.09.2019	23:15:00	7.905,09	7.851,78	12.935,82
02.09.2019	23:30:00	7.474,98	7.416,03	12.436,34
02.09.2019	23:45:00	7.195,38	7.134,92	12.098,57
03.09.2019	00:00:00	6.900,34	6.836,54	11.730,37
03.09.2019	00:15:00	6.643,17	6.577,90	11.479,46
03.09.2019	00:30:00	6.421,99	6.354,35	11.137,26
03.09.2019	00:45:00	6.164,73	6.095,56	10.996,79
03.09.2019	01:00:00	5.964,55	5.906,86	10.826,43
03.09.2019	01:15:00	5.797,09	5.766,58	10.652,06
03.09.2019	01:30:00	5.665,35	5.640,62	10.526,50
03.09.2019	01:45:00	5.701,21	5.678,44	10.555,25
03.09.2019	02:00:00	5.520,46	5.495,42	10.195,22
03.09.2019	02:15:00	5.573,65	5.547,03	10.194,08
03.09.2019	02:30:00	5.525,18	5.498,40	10.097,99
03.09.2019	02:45:00	5.490,91	5.461,48	10.153,23
03.09.2019	03:00:00	5.448,00	5.418,69	10.100,61
03.09.2019	03:15:00	5.363,70	5.333,03	10.145,28
03.09.2019	03:30:00	5.402,14	5.373,73	10.186,48
03.09.2019	03:45:00	5.394,89	5.365,60	10.042,00
03.09.2019	04:00:00	5.527,83	5.497,59	10.117,70
03.09.2019	04:15:00	5.555,83	5.497,64	10.190,08
03.09.2019	04:30:00	5.574,27	5.412,59	10.134,78
03.09.2019	04:45:00	5.754,45	5.597,64	10.381,24
03.09.2019	05:00:00	5.813,28	5.662,99	10.794,86
03.09.2019	05:15:00	6.189,43	6.040,28	11.424,74
03.09.2019	05:30:00	6.212,46	6.095,23	11.696,97
03.09.2019	05:45:00	6.499,51	6.393,88	12.307,84
03.09.2019	06:00:00	6.700,77	6.595,13	13.287,76
03.09.2019	06:15:00	7.145,56	7.053,90	14.880,12
03.09.2019	06:30:00	7.589,70	7.521,05	15.881,08
03.09.2019	06:45:00	7.393,33	7.412,50	16.174,13
03.09.2019	07:00:00	7.752,17	7.782,96	17.160,94
03.09.2019	07:15:00	7.915,58	7.880,29	17.658,09
03.09.2019	07:30:00	8.194,04	8.108,34	18.124,58
03.09.2019	07:45:00	8.248,29	8.112,65	18.561,25
03.09.2019	08:00:00	8.263,76	8.073,89	18.635,67
03.09.2019	08:15:00	8.182,35	7.927,10	18.621,84
03.09.2019	08:30:00	8.135,14	7.727,88	18.339,77
03.09.2019	08:45:00	8.141,51	7.482,43	18.177,14
03.09.2019	09:00:00	8.266,86	7.317,59	17.878,94
03.09.2019	09:15:00	8.498,00	7.177,79	17.423,70
03.09.2019	09:30:00	8.569,52	6.837,28	17.141,35
03.09.2019	09:45:00	8.873,24	6.736,66	17.528,07
03.09.2019	10:00:00	8.941,94	6.417,18	17.290,94
03.09.2019	10:15:00	9.135,89	6.256,61	17.146,98
03.09.2019	10:30:00	9.296,36	6.098,02	16.838,79
03.09.2019	10:45:00	9.361,48	5.853,90	16.553,52
03.09.2019	11:00:00	9.656,55	5.868,69	16.883,25
03.09.2019	11:15:00	9.794,76	5.716,86	16.842,21

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.09.2019	11:30:00	10.042,70	5.734,79	16.805,37
03.09.2019	11:45:00	10.429,40	5.920,27	17.046,23
03.09.2019	12:00:00	10.455,85	5.790,43	16.641,83
03.09.2019	12:15:00	10.396,36	5.551,60	16.071,49
03.09.2019	12:30:00	10.501,40	5.468,52	15.586,20
03.09.2019	12:45:00	10.311,12	5.155,53	15.370,02
03.09.2019	13:00:00	10.159,89	4.899,87	15.239,15
03.09.2019	13:15:00	10.059,99	4.692,24	15.199,32
03.09.2019	13:30:00	9.883,70	4.502,30	15.184,94
03.09.2019	13:45:00	9.970,64	4.530,08	15.437,79
03.09.2019	14:00:00	9.882,31	4.407,72	15.248,88
03.09.2019	14:15:00	9.846,05	4.340,92	15.173,36
03.09.2019	14:30:00	9.864,47	4.370,61	15.115,66
03.09.2019	14:45:00	9.823,96	4.476,05	14.880,72
03.09.2019	15:00:00	9.894,21	4.560,65	14.798,57
03.09.2019	15:15:00	10.049,02	4.722,58	14.803,66
03.09.2019	15:30:00	10.060,67	4.849,26	14.663,13
03.09.2019	15:45:00	10.140,30	5.051,45	14.678,86
03.09.2019	16:00:00	10.147,92	5.234,60	14.723,41
03.09.2019	16:15:00	10.061,91	5.279,90	14.214,02
03.09.2019	16:30:00	10.338,22	5.712,11	14.486,72
03.09.2019	16:45:00	10.407,26	6.075,82	14.627,09
03.09.2019	17:00:00	10.537,74	6.402,92	14.987,45
03.09.2019	17:15:00	10.668,11	6.811,01	15.102,75
03.09.2019	17:30:00	10.862,62	7.283,18	15.520,40
03.09.2019	17:45:00	10.927,32	7.640,92	15.760,49
03.09.2019	18:00:00	11.097,30	8.048,85	16.242,04
03.09.2019	18:15:00	10.876,37	8.385,76	16.417,09
03.09.2019	18:30:00	10.976,42	8.764,68	16.464,07
03.09.2019	18:45:00	10.774,44	8.765,64	16.240,26
03.09.2019	19:00:00	10.414,15	8.939,51	16.495,93
03.09.2019	19:15:00	10.094,35	9.378,72	16.988,09
03.09.2019	19:30:00	9.993,16	9.618,57	17.316,32
03.09.2019	19:45:00	10.013,38	9.746,40	17.405,33
03.09.2019	20:00:00	9.970,96	9.921,43	17.468,95
03.09.2019	20:15:00	10.159,63	10.158,32	17.559,11
03.09.2019	20:30:00	10.672,62	10.681,18	18.019,86
03.09.2019	20:45:00	10.991,59	11.006,70	18.243,96
03.09.2019	21:00:00	10.776,38	10.786,64	17.952,80
03.09.2019	21:15:00	10.503,59	10.506,69	17.496,23
03.09.2019	21:30:00	10.348,06	10.351,40	17.082,51
03.09.2019	21:45:00	9.906,35	9.906,15	16.448,01
03.09.2019	22:00:00	9.589,86	9.587,51	15.746,47
03.09.2019	22:15:00	9.274,27	9.264,66	15.166,24
03.09.2019	22:30:00	8.939,58	8.925,49	14.618,70
03.09.2019	22:45:00	8.590,20	8.571,79	13.977,55
03.09.2019	23:00:00	8.295,34	8.273,38	13.435,10
03.09.2019	23:15:00	7.902,89	7.878,70	12.836,47
03.09.2019	23:30:00	7.439,65	7.410,24	12.284,13
03.09.2019	23:45:00	7.037,52	7.005,16	11.905,48
04.09.2019	00:00:00	6.718,70	6.683,68	11.468,77
04.09.2019	00:15:00	6.472,22	6.435,11	11.227,87
04.09.2019	00:30:00	6.068,34	6.026,65	10.862,74
04.09.2019	00:45:00	5.845,53	5.802,47	10.643,57
04.09.2019	01:00:00	5.688,19	5.656,03	10.638,08
04.09.2019	01:15:00	5.516,53	5.511,47	10.407,44
04.09.2019	01:30:00	5.537,66	5.541,80	10.251,79
04.09.2019	01:45:00	5.395,20	5.396,53	9.817,66
04.09.2019	02:00:00	5.413,32	5.415,15	9.797,44
04.09.2019	02:15:00	5.352,06	5.354,17	9.748,38
04.09.2019	02:30:00	5.291,73	5.347,99	9.708,70
04.09.2019	02:45:00	5.365,07	5.458,34	9.797,96
04.09.2019	03:00:00	5.257,08	5.346,14	9.816,19
04.09.2019	03:15:00	5.315,03	5.405,43	9.942,90
04.09.2019	03:30:00	5.222,22	5.312,02	9.821,66
04.09.2019	03:45:00	5.196,92	5.286,84	9.698,62
04.09.2019	04:00:00	5.272,44	5.362,87	9.721,74
04.09.2019	04:15:00	5.343,62	5.415,07	9.818,24
04.09.2019	04:30:00	5.486,95	5.557,79	9.923,99
04.09.2019	04:45:00	5.556,69	5.629,45	10.187,42
04.09.2019	05:00:00	5.555,31	5.637,36	10.391,06

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.09.2019	05:15:00	6.058,02	6.139,11	11.306,57
04.09.2019	05:30:00	6.239,87	6.348,32	11.842,78
04.09.2019	05:45:00	6.473,57	6.596,07	12.377,08
04.09.2019	06:00:00	6.765,24	6.884,16	13.377,94
04.09.2019	06:15:00	7.170,15	7.305,05	14.996,60
04.09.2019	06:30:00	7.462,28	7.604,47	16.088,26
04.09.2019	06:45:00	7.362,76	7.510,74	16.354,66
04.09.2019	07:00:00	7.780,93	7.934,01	17.257,34
04.09.2019	07:15:00	7.930,74	8.020,64	18.158,06
04.09.2019	07:30:00	8.147,89	8.173,58	18.533,58
04.09.2019	07:45:00	8.240,95	8.211,60	18.949,15
04.09.2019	08:00:00	8.180,30	8.109,94	18.930,22
04.09.2019	08:15:00	8.160,39	8.021,70	18.965,60
04.09.2019	08:30:00	8.194,67	7.892,44	18.914,58
04.09.2019	08:45:00	8.172,53	7.621,48	18.703,18
04.09.2019	09:00:00	8.094,77	7.264,76	18.275,20
04.09.2019	09:15:00	8.257,96	7.088,75	17.593,31
04.09.2019	09:30:00	8.550,13	6.988,87	17.556,30
04.09.2019	09:45:00	8.821,63	6.851,03	18.070,20
04.09.2019	10:00:00	8.935,84	6.485,06	17.821,82
04.09.2019	10:15:00	9.075,96	6.248,59	17.496,93
04.09.2019	10:30:00	9.314,73	6.146,84	17.437,49
04.09.2019	10:45:00	9.423,30	5.944,93	17.209,38
04.09.2019	11:00:00	9.480,18	5.711,87	17.170,69
04.09.2019	11:15:00	9.763,98	5.671,59	17.020,25
04.09.2019	11:30:00	9.784,79	5.398,59	16.821,46
04.09.2019	11:45:00	10.175,05	5.588,85	17.107,02
04.09.2019	12:00:00	10.258,88	5.495,46	16.693,44
04.09.2019	12:15:00	10.434,60	5.564,93	16.498,93
04.09.2019	12:30:00	10.411,88	5.383,81	16.076,86
04.09.2019	12:45:00	10.126,42	4.970,04	15.678,69
04.09.2019	13:00:00	10.038,28	4.787,24	15.732,60
04.09.2019	13:15:00	10.003,57	4.609,58	15.831,74
04.09.2019	13:30:00	9.958,86	4.447,16	16.085,35
04.09.2019	13:45:00	9.815,38	4.293,81	15.860,16
04.09.2019	14:00:00	9.762,79	4.208,49	15.662,46
04.09.2019	14:15:00	9.770,73	4.258,50	15.709,76
04.09.2019	14:30:00	9.605,57	4.189,00	15.415,86
04.09.2019	14:45:00	9.834,12	4.427,19	15.460,56
04.09.2019	15:00:00	9.718,02	4.324,13	15.427,77
04.09.2019	15:15:00	10.092,83	4.811,80	15.504,42
04.09.2019	15:30:00	10.046,97	4.844,41	15.328,91
04.09.2019	15:45:00	10.066,57	4.966,99	15.195,53
04.09.2019	16:00:00	9.968,43	4.980,80	15.129,02
04.09.2019	16:15:00	10.050,85	5.247,92	14.909,12
04.09.2019	16:30:00	10.300,87	5.646,76	15.280,98
04.09.2019	16:45:00	10.446,33	6.029,92	15.529,65
04.09.2019	17:00:00	10.389,54	6.216,99	15.388,00
04.09.2019	17:15:00	10.553,07	6.614,60	15.461,21
04.09.2019	17:30:00	10.761,24	7.103,83	15.913,04
04.09.2019	17:45:00	10.995,86	7.661,81	16.274,42
04.09.2019	18:00:00	11.075,48	8.061,62	16.377,58
04.09.2019	18:15:00	11.165,08	8.533,22	16.631,50
04.09.2019	18:30:00	11.118,11	8.933,65	16.806,93
04.09.2019	18:45:00	10.894,18	9.118,90	16.939,65
04.09.2019	19:00:00	10.501,00	9.266,76	17.124,74
04.09.2019	19:15:00	10.018,66	9.424,49	17.347,92
04.09.2019	19:30:00	9.835,65	9.504,35	17.538,50
04.09.2019	19:45:00	9.739,56	9.548,03	17.447,75
04.09.2019	20:00:00	9.829,11	9.740,86	17.485,18
04.09.2019	20:15:00	10.003,24	9.946,36	17.512,82
04.09.2019	20:30:00	10.385,44	10.328,12	17.828,84
04.09.2019	20:45:00	10.632,16	10.570,50	17.912,62
04.09.2019	21:00:00	10.624,65	10.557,60	17.672,99
04.09.2019	21:15:00	10.447,31	10.380,45	16.988,60
04.09.2019	21:30:00	10.381,19	10.314,96	16.870,46
04.09.2019	21:45:00	9.771,92	9.697,92	16.016,97
04.09.2019	22:00:00	9.392,00	9.315,84	15.230,42
04.09.2019	22:15:00	9.150,94	9.070,32	14.747,18
04.09.2019	22:30:00	8.882,48	8.799,26	14.271,06
04.09.2019	22:45:00	8.579,95	8.493,57	13.752,24

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.09.2019	23:00:00	8.193,96	8.103,59	13.392,94
04.09.2019	23:15:00	7.789,07	7.696,25	12.775,32
04.09.2019	23:30:00	7.332,64	7.233,81	12.214,08
04.09.2019	23:45:00	6.964,87	6.860,68	11.663,69
05.09.2019	00:00:00	6.691,92	6.585,39	11.242,66
05.09.2019	00:15:00	6.404,79	6.296,96	10.948,12
05.09.2019	00:30:00	6.050,94	5.940,28	10.519,66
05.09.2019	00:45:00	6.001,76	5.891,12	10.410,06
05.09.2019	01:00:00	5.855,85	5.754,27	10.363,79
05.09.2019	01:15:00	5.689,00	5.614,73	10.294,72
05.09.2019	01:30:00	5.641,80	5.573,78	10.134,74
05.09.2019	01:45:00	5.473,71	5.405,58	10.035,47
05.09.2019	02:00:00	5.424,52	5.354,57	9.814,10
05.09.2019	02:15:00	5.379,54	5.310,81	9.767,52
05.09.2019	02:30:00	5.383,38	5.315,17	9.735,66
05.09.2019	02:45:00	5.298,94	5.230,60	9.625,81
05.09.2019	03:00:00	5.253,38	5.185,01	9.915,26
05.09.2019	03:15:00	5.238,20	5.168,32	9.952,53
05.09.2019	03:30:00	5.198,42	5.130,27	9.855,87
05.09.2019	03:45:00	5.181,24	5.110,91	9.884,21
05.09.2019	04:00:00	5.221,63	5.151,76	9.939,32
05.09.2019	04:15:00	5.338,28	5.269,55	10.026,62
05.09.2019	04:30:00	5.385,77	5.317,06	10.114,48
05.09.2019	04:45:00	5.503,77	5.439,13	10.288,98
05.09.2019	05:00:00	5.575,77	5.509,11	10.612,78
05.09.2019	05:15:00	6.023,46	5.953,45	11.384,00
05.09.2019	05:30:00	6.129,02	6.065,85	11.794,55
05.09.2019	05:45:00	6.291,91	6.209,40	12.292,08
05.09.2019	06:00:00	6.490,05	6.329,77	13.278,60
05.09.2019	06:15:00	7.034,34	6.889,64	15.448,78
05.09.2019	06:30:00	7.365,93	7.245,69	16.258,75
05.09.2019	06:45:00	7.463,67	7.344,88	16.539,76
05.09.2019	07:00:00	7.789,65	7.693,64	17.654,61
05.09.2019	07:15:00	8.221,16	8.124,26	18.468,55
05.09.2019	07:30:00	8.317,76	8.141,12	19.108,12
05.09.2019	07:45:00	8.669,98	8.427,02	19.805,80
05.09.2019	08:00:00	8.927,37	8.666,56	20.449,32
05.09.2019	08:15:00	9.206,71	9.039,76	20.836,60
05.09.2019	08:30:00	9.417,33	9.179,87	21.011,12
05.09.2019	08:45:00	9.519,56	9.311,62	21.393,36
05.09.2019	09:00:00	9.705,75	9.368,77	21.612,94
05.09.2019	09:15:00	9.930,59	9.511,69	21.236,64
05.09.2019	09:30:00	10.361,72	9.763,02	21.618,11
05.09.2019	09:45:00	10.462,91	9.877,25	21.763,06
05.09.2019	10:00:00	10.431,72	9.866,65	21.869,90
05.09.2019	10:15:00	10.772,08	9.728,57	21.577,62
05.09.2019	10:30:00	10.873,50	9.168,66	21.045,71
05.09.2019	10:45:00	10.735,84	9.562,97	21.524,01
05.09.2019	11:00:00	10.639,30	9.060,95	20.861,58
05.09.2019	11:15:00	10.762,30	8.447,02	20.314,13
05.09.2019	11:30:00	11.041,63	8.797,67	20.690,91
05.09.2019	11:45:00	11.184,65	8.052,87	19.549,51
05.09.2019	12:00:00	10.476,18	6.412,57	17.496,48
05.09.2019	12:15:00	11.433,60	6.935,42	17.595,75
05.09.2019	12:30:00	11.257,17	6.438,54	16.692,85
05.09.2019	12:45:00	11.317,63	5.904,56	16.340,59
05.09.2019	13:00:00	10.574,82	7.330,54	18.167,78
05.09.2019	13:15:00	10.613,14	7.606,67	18.615,68
05.09.2019	13:30:00	10.593,72	4.331,58	15.346,26
05.09.2019	13:45:00	9.697,44	4.493,88	15.686,48
05.09.2019	14:00:00	9.266,66	6.437,33	17.584,66
05.09.2019	14:15:00	11.021,58	6.350,01	17.387,24
05.09.2019	14:30:00	9.862,33	6.152,54	16.956,01
05.09.2019	14:45:00	11.158,89	5.775,01	16.399,09
05.09.2019	15:00:00	9.041,43	6.393,43	17.050,40
05.09.2019	15:15:00	10.534,20	7.243,71	17.714,53
05.09.2019	15:30:00	9.508,31	7.050,10	17.041,12
05.09.2019	15:45:00	9.510,49	5.743,78	15.334,86
05.09.2019	16:00:00	10.297,92	5.510,50	14.881,90
05.09.2019	16:15:00	9.785,04	5.878,51	14.905,28
05.09.2019	16:30:00	8.329,15	6.354,21	15.308,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.09.2019	16:45:00	10.243,46	5.350,27	13.963,40
05.09.2019	17:00:00	10.580,80	5.774,02	14.144,28
05.09.2019	17:15:00	10.845,12	6.514,09	14.594,31
05.09.2019	17:30:00	10.860,63	7.187,32	15.094,64
05.09.2019	17:45:00	10.905,84	8.262,98	16.155,20
05.09.2019	18:00:00	11.357,50	8.168,04	15.880,08
05.09.2019	18:15:00	11.105,67	8.469,43	15.899,21
05.09.2019	18:30:00	10.969,84	8.921,55	16.287,36
05.09.2019	18:45:00	10.638,19	9.077,34	16.658,68
05.09.2019	19:00:00	10.088,05	9.448,84	16.999,53
05.09.2019	19:15:00	10.058,75	9.605,59	16.990,64
05.09.2019	19:30:00	10.168,50	9.821,57	17.222,22
05.09.2019	19:45:00	10.313,96	10.100,49	17.548,02
05.09.2019	20:00:00	10.585,43	10.429,52	17.804,38
05.09.2019	20:15:00	10.669,39	10.518,03	17.788,32
05.09.2019	20:30:00	11.122,02	10.969,22	18.212,65
05.09.2019	20:45:00	11.069,21	10.919,63	18.074,50
05.09.2019	21:00:00	10.761,96	10.607,60	17.773,18
05.09.2019	21:15:00	10.588,63	10.435,59	17.347,98
05.09.2019	21:30:00	10.433,85	10.275,23	16.987,64
05.09.2019	21:45:00	9.840,99	9.678,40	16.207,01
05.09.2019	22:00:00	9.611,62	9.447,64	15.690,90
05.09.2019	22:15:00	9.290,18	9.122,28	14.994,02
05.09.2019	22:30:00	8.974,82	8.805,52	14.401,58
05.09.2019	22:45:00	8.733,62	8.557,52	13.879,88
05.09.2019	23:00:00	8.444,07	8.265,60	13.519,87
05.09.2019	23:15:00	7.944,66	7.762,69	12.931,73
05.09.2019	23:30:00	7.613,16	7.425,81	12.578,74
05.09.2019	23:45:00	7.239,60	7.020,99	12.038,28
06.09.2019	00:00:00	6.932,46	6.627,68	11.523,95
06.09.2019	00:15:00	6.521,56	6.214,40	11.284,58
06.09.2019	00:30:00	6.269,20	5.959,18	10.957,89
06.09.2019	00:45:00	6.034,21	5.723,50	10.782,70
06.09.2019	01:00:00	5.884,22	5.571,42	10.671,57
06.09.2019	01:15:00	5.772,12	5.480,98	10.632,88
06.09.2019	01:30:00	5.601,92	5.314,99	10.383,00
06.09.2019	01:45:00	5.564,13	5.324,68	9.979,40
06.09.2019	02:00:00	5.492,60	5.321,36	9.907,38
06.09.2019	02:15:00	5.475,05	5.304,97	9.830,49
06.09.2019	02:30:00	5.455,15	5.284,42	9.765,57
06.09.2019	02:45:00	5.316,82	5.146,39	9.650,17
06.09.2019	03:00:00	5.319,31	5.150,39	9.647,92
06.09.2019	03:15:00	5.253,17	5.082,52	9.531,73
06.09.2019	03:30:00	5.293,70	5.123,45	9.501,54
06.09.2019	03:45:00	5.268,04	5.098,54	9.531,42
06.09.2019	04:00:00	5.344,61	5.179,95	9.684,40
06.09.2019	04:15:00	5.498,29	5.336,89	9.855,89
06.09.2019	04:30:00	5.569,70	5.405,17	10.082,36
06.09.2019	04:45:00	5.741,38	5.579,88	10.200,34
06.09.2019	05:00:00	5.664,73	5.510,52	10.425,78
06.09.2019	05:15:00	6.092,41	5.948,50	11.100,74
06.09.2019	05:30:00	6.139,77	6.001,73	11.489,37
06.09.2019	05:45:00	6.503,61	6.367,93	12.244,07
06.09.2019	06:00:00	6.693,64	6.566,36	13.000,99
06.09.2019	06:15:00	7.180,75	7.069,80	15.170,31
06.09.2019	06:30:00	7.494,97	7.402,87	16.101,67
06.09.2019	06:45:00	7.640,99	7.567,82	16.706,04
06.09.2019	07:00:00	7.717,52	7.660,54	17.462,40
06.09.2019	07:15:00	8.056,47	7.963,97	18.233,79
06.09.2019	07:30:00	8.397,87	8.264,10	18.930,25
06.09.2019	07:45:00	8.729,31	8.574,24	19.454,45
06.09.2019	08:00:00	8.904,35	8.705,44	19.792,26
06.09.2019	08:15:00	9.164,94	8.875,82	20.279,54
06.09.2019	08:30:00	9.262,66	8.797,27	20.099,81
06.09.2019	08:45:00	9.459,93	8.847,22	20.066,11
06.09.2019	09:00:00	9.547,33	8.891,01	20.237,88
06.09.2019	09:15:00	9.947,92	9.274,48	20.209,74
06.09.2019	09:30:00	10.008,88	8.967,80	19.983,08
06.09.2019	09:45:00	10.012,97	8.513,12	19.788,31
06.09.2019	10:00:00	10.052,00	8.342,81	19.768,95
06.09.2019	10:15:00	10.276,72	8.350,19	19.584,46

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.09.2019	10:30:00	10.625,78	9.049,82	20.333,81
06.09.2019	10:45:00	10.625,03	8.640,99	20.086,34
06.09.2019	11:00:00	10.553,93	8.579,23	20.085,60
06.09.2019	11:15:00	10.640,49	8.542,90	19.918,34
06.09.2019	11:30:00	10.944,82	8.766,40	19.907,50
06.09.2019	11:45:00	11.107,60	8.616,93	19.830,10
06.09.2019	12:00:00	10.954,35	8.133,24	18.821,99
06.09.2019	12:15:00	10.948,77	8.025,37	17.998,85
06.09.2019	12:30:00	11.218,92	8.661,37	18.520,86
06.09.2019	12:45:00	11.154,94	8.880,88	18.716,61
06.09.2019	13:00:00	10.963,36	8.026,48	17.688,64
06.09.2019	13:15:00	10.740,62	6.939,74	16.771,47
06.09.2019	13:30:00	10.343,83	6.994,97	17.001,07
06.09.2019	13:45:00	10.447,71	7.431,21	17.362,14
06.09.2019	14:00:00	10.225,96	7.156,87	16.961,64
06.09.2019	14:15:00	10.033,81	7.028,74	17.076,84
06.09.2019	14:30:00	9.818,49	6.778,06	16.686,89
06.09.2019	14:45:00	9.522,38	6.981,65	16.561,91
06.09.2019	15:00:00	10.044,11	6.798,32	16.255,92
06.09.2019	15:15:00	9.948,08	7.240,89	16.598,00
06.09.2019	15:30:00	9.898,54	8.189,28	17.151,59
06.09.2019	15:45:00	9.865,29	8.459,12	17.140,98
06.09.2019	16:00:00	10.042,42	8.994,96	17.579,48
06.09.2019	16:15:00	9.972,84	9.321,33	17.648,11
06.09.2019	16:30:00	10.115,71	9.212,48	17.426,73
06.09.2019	16:45:00	10.070,34	9.371,25	17.378,72
06.09.2019	17:00:00	10.148,87	9.036,99	16.874,05
06.09.2019	17:15:00	10.271,23	9.026,76	16.753,38
06.09.2019	17:30:00	10.352,94	9.478,89	17.083,51
06.09.2019	17:45:00	10.494,79	9.861,25	17.436,67
06.09.2019	18:00:00	10.603,96	10.135,53	17.647,82
06.09.2019	18:15:00	10.638,04	10.308,63	17.646,60
06.09.2019	18:30:00	10.847,66	10.604,66	17.935,18
06.09.2019	18:45:00	10.636,71	10.389,42	17.589,34
06.09.2019	19:00:00	10.651,27	10.395,69	17.354,48
06.09.2019	19:15:00	10.635,65	10.404,99	16.945,34
06.09.2019	19:30:00	10.590,56	10.384,95	16.778,83
06.09.2019	19:45:00	10.606,01	10.464,27	16.866,02
06.09.2019	20:00:00	10.760,60	10.653,21	16.877,04
06.09.2019	20:15:00	11.308,15	11.195,56	17.284,34
06.09.2019	20:30:00	11.282,61	11.163,63	17.138,68
06.09.2019	20:45:00	11.143,62	11.023,03	16.687,78
06.09.2019	21:00:00	10.767,26	10.640,48	16.266,04
06.09.2019	21:15:00	10.538,31	10.409,32	15.885,07
06.09.2019	21:30:00	10.428,14	10.295,81	15.611,28
06.09.2019	21:45:00	10.093,90	9.960,40	15.174,41
06.09.2019	22:00:00	9.702,39	9.565,43	14.771,10
06.09.2019	22:15:00	9.590,43	9.448,64	14.555,74
06.09.2019	22:30:00	9.369,85	9.227,65	14.106,22
06.09.2019	22:45:00	9.140,04	8.997,28	13.728,14
06.09.2019	23:00:00	8.830,02	8.682,97	13.314,19
06.09.2019	23:15:00	8.321,93	8.168,28	12.641,10
06.09.2019	23:30:00	8.029,54	7.873,58	12.279,82
06.09.2019	23:45:00	7.669,42	7.511,42	11.803,27
07.09.2019	00:00:00	7.309,76	7.148,16	11.365,51
07.09.2019	00:15:00	6.939,21	6.773,35	10.888,80
07.09.2019	00:30:00	6.717,45	6.550,71	10.549,10
07.09.2019	00:45:00	6.501,80	6.332,81	10.335,35
07.09.2019	01:00:00	6.283,18	6.113,51	10.110,16
07.09.2019	01:15:00	6.112,16	5.952,42	9.915,89
07.09.2019	01:30:00	5.997,75	5.847,03	9.801,00
07.09.2019	01:45:00	5.858,57	5.704,40	9.597,04
07.09.2019	02:00:00	5.737,69	5.580,73	9.461,60
07.09.2019	02:15:00	5.735,60	5.580,44	9.450,39
07.09.2019	02:30:00	5.642,62	5.483,92	9.334,07
07.09.2019	02:45:00	5.536,28	5.380,24	9.321,57
07.09.2019	03:00:00	5.410,55	5.251,89	9.353,55
07.09.2019	03:15:00	5.336,59	5.177,04	9.279,50
07.09.2019	03:30:00	5.355,21	5.194,99	9.226,65
07.09.2019	03:45:00	5.352,45	5.192,22	9.183,39
07.09.2019	04:00:00	5.382,73	5.224,21	9.271,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.09.2019	04:15:00	5.454,56	5.295,14	9.326,23
07.09.2019	04:30:00	5.495,65	5.334,81	9.390,82
07.09.2019	04:45:00	5.561,19	5.402,29	9.487,97
07.09.2019	05:00:00	5.662,65	5.520,83	9.634,11
07.09.2019	05:15:00	5.688,28	5.546,60	9.922,97
07.09.2019	05:30:00	5.771,27	5.637,08	10.020,94
07.09.2019	05:45:00	5.949,77	5.815,32	10.298,92
07.09.2019	06:00:00	6.031,55	5.904,82	10.510,19
07.09.2019	06:15:00	6.376,25	6.274,89	11.160,31
07.09.2019	06:30:00	6.717,67	6.622,76	11.553,65
07.09.2019	06:45:00	6.792,70	6.698,91	11.783,89
07.09.2019	07:00:00	6.431,01	6.333,46	11.469,98
07.09.2019	07:15:00	6.737,34	6.581,95	11.788,90
07.09.2019	07:30:00	7.015,87	6.816,49	12.142,22
07.09.2019	07:45:00	7.220,22	6.928,14	12.277,53
07.09.2019	08:00:00	7.380,02	6.938,84	12.265,71
07.09.2019	08:15:00	7.441,93	6.906,65	12.147,05
07.09.2019	08:30:00	7.379,54	6.413,06	11.759,88
07.09.2019	08:45:00	7.603,66	6.227,82	11.502,78
07.09.2019	09:00:00	7.860,17	5.992,16	11.297,04
07.09.2019	09:15:00	8.598,31	6.924,44	11.890,02
07.09.2019	09:30:00	8.889,24	7.060,62	12.195,96
07.09.2019	09:45:00	9.258,13	7.161,50	12.277,37
07.09.2019	10:00:00	9.587,90	7.408,13	12.502,68
07.09.2019	10:15:00	9.636,25	7.299,56	12.451,90
07.09.2019	10:30:00	9.820,15	7.401,09	12.473,15
07.09.2019	10:45:00	9.851,16	6.627,88	11.691,53
07.09.2019	11:00:00	10.085,78	6.922,50	11.855,34
07.09.2019	11:15:00	10.235,23	7.073,66	11.991,59
07.09.2019	11:30:00	10.573,18	7.859,60	12.858,90
07.09.2019	11:45:00	10.770,33	8.487,13	13.453,30
07.09.2019	12:00:00	10.906,07	8.833,44	13.801,07
07.09.2019	12:15:00	11.021,19	8.803,18	13.673,00
07.09.2019	12:30:00	10.991,64	9.051,35	13.801,42
07.09.2019	12:45:00	11.025,05	8.932,47	13.448,27
07.09.2019	13:00:00	10.772,23	8.398,42	12.950,21
07.09.2019	13:15:00	10.680,89	8.314,56	12.718,25
07.09.2019	13:30:00	10.572,44	8.498,82	12.918,75
07.09.2019	13:45:00	10.555,97	8.264,71	12.761,18
07.09.2019	14:00:00	10.308,52	7.789,60	12.177,33
07.09.2019	14:15:00	10.083,09	7.434,67	11.811,47
07.09.2019	14:30:00	9.911,20	6.810,07	11.101,97
07.09.2019	14:45:00	9.777,71	6.088,98	10.307,18
07.09.2019	15:00:00	9.795,46	5.525,57	9.919,69
07.09.2019	15:15:00	9.379,55	5.680,50	10.076,77
07.09.2019	15:30:00	9.280,08	6.001,69	10.250,37
07.09.2019	15:45:00	9.784,63	6.096,43	10.408,18
07.09.2019	16:00:00	9.752,98	6.290,88	10.560,89
07.09.2019	16:15:00	9.712,84	6.373,99	10.614,06
07.09.2019	16:30:00	10.177,11	6.162,78	10.401,80
07.09.2019	16:45:00	9.665,07	6.416,37	10.499,54
07.09.2019	17:00:00	9.429,51	6.932,81	11.056,46
07.09.2019	17:15:00	10.482,11	7.599,02	11.795,58
07.09.2019	17:30:00	9.678,49	7.693,79	11.858,86
07.09.2019	17:45:00	10.328,73	7.775,78	11.950,43
07.09.2019	18:00:00	10.603,88	8.222,43	12.402,85
07.09.2019	18:15:00	9.838,59	8.817,08	13.148,36
07.09.2019	18:30:00	10.296,39	9.050,45	13.302,92
07.09.2019	18:45:00	10.215,87	8.986,09	13.627,49
07.09.2019	19:00:00	10.061,71	9.096,04	13.710,75
07.09.2019	19:15:00	9.885,82	9.391,35	13.825,05
07.09.2019	19:30:00	9.764,83	9.440,75	13.861,44
07.09.2019	19:45:00	9.901,83	9.672,80	14.112,73
07.09.2019	20:00:00	10.051,32	9.900,78	14.360,04
07.09.2019	20:15:00	10.617,58	10.476,78	14.963,67
07.09.2019	20:30:00	10.809,08	10.666,82	15.045,28
07.09.2019	20:45:00	10.813,82	10.674,39	14.928,13
07.09.2019	21:00:00	10.515,46	10.372,35	14.760,96
07.09.2019	21:15:00	10.374,39	10.231,29	14.463,22
07.09.2019	21:30:00	10.289,64	10.146,18	14.370,15
07.09.2019	21:45:00	9.692,30	9.542,74	13.772,02

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.09.2019	22:00:00	9.365,78	9.213,39	13.472,93
07.09.2019	22:15:00	9.270,08	9.116,99	13.276,53
07.09.2019	22:30:00	9.011,95	8.855,95	12.930,91
07.09.2019	22:45:00	8.884,58	8.727,32	12.640,62
07.09.2019	23:00:00	8.730,43	8.570,80	12.460,72
07.09.2019	23:15:00	8.315,83	8.153,27	11.956,88
07.09.2019	23:30:00	8.041,95	7.877,15	11.573,52
07.09.2019	23:45:00	7.692,38	7.522,96	11.267,14
08.09.2019	00:00:00	7.413,99	7.241,33	11.018,30
08.09.2019	00:15:00	7.108,51	6.934,54	10.665,96
08.09.2019	00:30:00	6.712,40	6.533,86	10.220,30
08.09.2019	00:45:00	6.588,39	6.407,84	10.053,56
08.09.2019	01:00:00	6.360,42	6.178,92	9.852,77
08.09.2019	01:15:00	6.106,66	5.935,40	9.481,39
08.09.2019	01:30:00	5.984,00	5.817,34	9.233,71
08.09.2019	01:45:00	5.862,79	5.697,05	9.088,84
08.09.2019	02:00:00	5.784,06	5.615,07	8.983,05
08.09.2019	02:15:00	5.652,31	5.482,44	8.842,44
08.09.2019	02:30:00	5.588,27	5.415,16	8.718,50
08.09.2019	02:45:00	5.523,23	5.343,65	8.563,73
08.09.2019	03:00:00	5.476,40	5.298,63	8.477,27
08.09.2019	03:15:00	5.394,86	5.215,16	8.415,32
08.09.2019	03:30:00	5.297,61	5.117,53	8.388,25
08.09.2019	03:45:00	5.245,28	5.002,06	8.243,94
08.09.2019	04:00:00	5.330,68	5.038,35	8.247,57
08.09.2019	04:15:00	5.386,41	5.096,02	8.364,82
08.09.2019	04:30:00	5.363,98	5.073,55	8.291,68
08.09.2019	04:45:00	5.260,69	4.971,21	8.320,36
08.09.2019	05:00:00	5.335,57	5.056,83	8.428,78
08.09.2019	05:15:00	5.504,00	5.212,67	8.604,99
08.09.2019	05:30:00	5.517,73	5.223,23	8.671,03
08.09.2019	05:45:00	5.633,15	5.380,23	8.786,32
08.09.2019	06:00:00	5.528,76	5.356,78	8.844,73
08.09.2019	06:15:00	5.783,28	5.615,62	9.102,16
08.09.2019	06:30:00	5.895,12	5.726,60	9.197,02
08.09.2019	06:45:00	5.952,51	5.780,21	9.348,86
08.09.2019	07:00:00	6.108,18	5.979,13	9.544,68
08.09.2019	07:15:00	5.885,66	5.802,06	9.346,98
08.09.2019	07:30:00	6.046,77	5.964,72	9.499,80
08.09.2019	07:45:00	6.323,87	6.231,71	9.727,38
08.09.2019	08:00:00	6.570,99	6.463,38	9.932,32
08.09.2019	08:15:00	7.019,41	6.890,19	10.414,53
08.09.2019	08:30:00	7.288,19	7.159,52	10.720,15
08.09.2019	08:45:00	7.753,78	7.596,67	11.101,00
08.09.2019	09:00:00	8.010,89	7.773,34	11.259,34
08.09.2019	09:15:00	8.488,41	8.271,86	11.842,99
08.09.2019	09:30:00	8.840,38	8.596,21	12.165,55
08.09.2019	09:45:00	9.217,23	8.972,62	12.597,90
08.09.2019	10:00:00	9.554,52	9.357,67	12.995,00
08.09.2019	10:15:00	9.826,37	9.507,70	13.106,61
08.09.2019	10:30:00	10.186,49	9.808,79	13.443,96
08.09.2019	10:45:00	10.288,83	9.842,08	13.421,34
08.09.2019	11:00:00	10.546,33	9.909,13	13.490,92
08.09.2019	11:15:00	10.970,26	10.307,97	13.808,70
08.09.2019	11:30:00	11.153,80	10.596,67	14.168,90
08.09.2019	11:45:00	11.296,73	10.849,48	14.481,66
08.09.2019	12:00:00	11.689,61	11.230,46	14.888,74
08.09.2019	12:15:00	11.682,58	11.270,13	14.965,96
08.09.2019	12:30:00	11.813,48	11.472,26	15.189,72
08.09.2019	12:45:00	11.720,45	11.119,91	14.741,34
08.09.2019	13:00:00	11.581,97	10.687,21	14.309,65
08.09.2019	13:15:00	11.202,95	10.175,55	13.638,53
08.09.2019	13:30:00	11.111,34	10.297,68	13.970,67
08.09.2019	13:45:00	10.746,84	10.132,40	13.907,46
08.09.2019	14:00:00	10.807,95	9.984,96	13.742,26
08.09.2019	14:15:00	10.692,94	9.887,31	13.694,16
08.09.2019	14:30:00	10.361,01	9.570,63	13.381,31
08.09.2019	14:45:00	10.159,37	9.297,50	13.168,05
08.09.2019	15:00:00	10.041,39	9.157,74	13.036,74
08.09.2019	15:15:00	10.109,48	9.239,38	13.230,70
08.09.2019	15:30:00	9.977,24	9.172,38	13.127,05

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.09.2019	15:45:00	9.841,20	8.908,56	12.882,82
08.09.2019	16:00:00	9.825,31	8.992,17	12.981,87
08.09.2019	16:15:00	9.867,24	8.886,89	12.865,38
08.09.2019	16:30:00	9.886,16	8.954,39	12.927,11
08.09.2019	16:45:00	10.048,69	9.146,33	13.089,47
08.09.2019	17:00:00	10.174,91	9.453,83	13.336,85
08.09.2019	17:15:00	10.318,89	9.770,48	13.679,86
08.09.2019	17:30:00	10.456,10	10.079,12	13.942,80
08.09.2019	17:45:00	10.512,98	10.296,90	14.201,24
08.09.2019	18:00:00	10.681,33	10.404,63	14.358,83
08.09.2019	18:15:00	10.861,57	10.523,68	14.368,89
08.09.2019	18:30:00	10.803,86	10.484,21	14.396,40
08.09.2019	18:45:00	10.897,45	10.581,50	14.422,06
08.09.2019	19:00:00	10.930,88	10.711,68	14.659,32
08.09.2019	19:15:00	11.121,57	10.970,48	15.001,74
08.09.2019	19:30:00	11.211,90	11.099,47	14.795,11
08.09.2019	19:45:00	11.187,52	11.091,93	14.686,80
08.09.2019	20:00:00	11.447,14	11.355,45	15.078,90
08.09.2019	20:15:00	11.654,12	11.566,64	15.219,76
08.09.2019	20:30:00	11.623,10	11.531,71	15.170,86
08.09.2019	20:45:00	11.466,28	11.371,16	15.012,12
08.09.2019	21:00:00	11.067,98	10.966,17	14.560,96
08.09.2019	21:15:00	10.834,21	10.730,76	14.316,77
08.09.2019	21:30:00	10.761,89	10.653,81	14.259,69
08.09.2019	21:45:00	10.319,81	10.213,50	13.831,89
08.09.2019	22:00:00	9.907,48	9.801,38	13.421,00
08.09.2019	22:15:00	9.794,76	9.685,64	13.429,08
08.09.2019	22:30:00	9.267,87	9.151,12	12.991,68
08.09.2019	22:45:00	9.007,01	8.889,47	12.655,01
08.09.2019	23:00:00	8.718,99	8.597,31	12.368,52
08.09.2019	23:15:00	8.305,00	8.178,84	11.866,39
08.09.2019	23:30:00	7.923,77	7.798,20	11.482,78
08.09.2019	23:45:00	7.504,16	7.373,21	11.096,17
09.09.2019	00:00:00	7.105,62	6.972,42	10.620,77
09.09.2019	00:15:00	6.681,35	6.576,22	10.331,79
09.09.2019	00:30:00	6.377,76	6.274,31	10.031,51
09.09.2019	00:45:00	6.252,75	6.147,89	9.943,95
09.09.2019	01:00:00	6.130,17	6.027,69	9.879,00
09.09.2019	01:15:00	5.979,84	5.873,53	9.729,95
09.09.2019	01:30:00	5.842,57	5.736,04	9.502,75
09.09.2019	01:45:00	5.811,71	5.702,35	9.368,80
09.09.2019	02:00:00	5.755,09	5.646,06	9.395,78
09.09.2019	02:15:00	5.771,81	5.662,81	9.417,22
09.09.2019	02:30:00	5.700,53	5.589,75	9.406,00
09.09.2019	02:45:00	5.616,05	5.506,15	9.301,96
09.09.2019	03:00:00	5.491,12	5.378,17	9.170,83
09.09.2019	03:15:00	5.492,14	5.382,44	9.147,86
09.09.2019	03:30:00	5.483,50	5.372,60	9.348,34
09.09.2019	03:45:00	5.561,55	5.450,13	9.281,20
09.09.2019	04:00:00	5.626,00	5.516,12	9.324,16
09.09.2019	04:15:00	5.700,40	5.594,49	9.466,09
09.09.2019	04:30:00	5.817,40	5.709,25	9.565,98
09.09.2019	04:45:00	5.829,90	5.725,09	9.689,53
09.09.2019	05:00:00	6.003,47	5.909,28	10.109,64
09.09.2019	05:15:00	6.456,27	6.379,60	11.413,08
09.09.2019	05:30:00	6.581,83	6.520,48	11.933,09
09.09.2019	05:45:00	6.944,39	6.918,93	12.624,48
09.09.2019	06:00:00	7.244,34	7.225,35	13.559,74
09.09.2019	06:15:00	7.610,27	7.590,17	15.306,38
09.09.2019	06:30:00	8.105,72	7.946,88	16.564,52
09.09.2019	06:45:00	8.416,61	8.223,24	17.501,15
09.09.2019	07:00:00	8.739,43	8.563,92	18.727,78
09.09.2019	07:15:00	8.854,69	8.670,46	19.212,82
09.09.2019	07:30:00	9.163,41	8.974,23	19.697,65
09.09.2019	07:45:00	9.524,68	9.304,14	20.319,23
09.09.2019	08:00:00	9.723,99	9.477,26	20.735,65
09.09.2019	08:15:00	10.120,77	9.857,94	21.384,28
09.09.2019	08:30:00	10.206,28	9.877,26	21.726,27
09.09.2019	08:45:00	10.244,71	9.999,94	22.320,83
09.09.2019	09:00:00	10.478,55	10.238,01	22.453,43
09.09.2019	09:15:00	10.970,35	10.661,65	22.243,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.09.2019	09:30:00	11.249,35	10.925,72	22.578,73
09.09.2019	09:45:00	11.166,56	10.828,60	22.949,62
09.09.2019	10:00:00	11.402,37	10.945,79	23.406,38
09.09.2019	10:15:00	11.562,45	11.184,94	23.604,28
09.09.2019	10:30:00	11.670,65	11.241,93	24.080,71
09.09.2019	10:45:00	11.839,53	11.317,82	24.194,56
09.09.2019	11:00:00	11.815,81	11.016,76	23.771,88
09.09.2019	11:15:00	11.874,33	10.954,78	23.383,31
09.09.2019	11:30:00	12.118,08	11.070,66	23.401,98
09.09.2019	11:45:00	12.125,19	10.873,17	23.194,08
09.09.2019	12:00:00	12.029,20	10.992,84	23.032,92
09.09.2019	12:15:00	12.493,29	11.231,90	22.758,16
09.09.2019	12:30:00	12.148,29	10.318,91	21.162,79
09.09.2019	12:45:00	11.625,99	10.257,10	21.557,86
09.09.2019	13:00:00	11.812,03	10.521,44	22.188,07
09.09.2019	13:15:00	11.611,61	10.443,28	22.187,33
09.09.2019	13:30:00	11.413,93	10.526,43	22.427,08
09.09.2019	13:45:00	11.272,99	10.004,53	22.087,62
09.09.2019	14:00:00	11.050,74	9.238,25	21.180,26
09.09.2019	14:15:00	10.969,12	9.408,62	21.055,44
09.09.2019	14:30:00	10.811,45	8.958,74	20.362,46
09.09.2019	14:45:00	10.102,51	8.086,94	19.242,03
09.09.2019	15:00:00	9.946,85	8.013,21	18.927,14
09.09.2019	15:15:00	10.651,00	9.216,37	20.045,41
09.09.2019	15:30:00	10.832,53	9.115,86	19.527,95
09.09.2019	15:45:00	10.835,17	9.277,56	19.448,14
09.09.2019	16:00:00	11.382,56	8.275,14	18.123,78
09.09.2019	16:15:00	11.070,48	6.373,89	15.511,78
09.09.2019	16:30:00	10.717,59	7.614,71	16.642,60
09.09.2019	16:45:00	11.364,61	7.192,84	16.030,92
09.09.2019	17:00:00	10.185,63	8.417,72	16.982,85
09.09.2019	17:15:00	10.641,46	8.357,09	16.746,23
09.09.2019	17:30:00	11.288,31	7.768,73	15.940,71
09.09.2019	17:45:00	11.519,30	8.809,18	16.996,83
09.09.2019	18:00:00	10.551,98	9.922,31	17.947,64
09.09.2019	18:15:00	11.478,28	10.228,40	18.013,21
09.09.2019	18:30:00	10.847,18	10.298,91	17.901,03
09.09.2019	18:45:00	10.774,05	10.271,65	17.729,25
09.09.2019	19:00:00	11.127,75	10.709,06	18.066,76
09.09.2019	19:15:00	11.163,96	10.799,42	18.220,70
09.09.2019	19:30:00	11.258,59	10.891,66	18.501,92
09.09.2019	19:45:00	11.185,65	10.872,67	18.447,54
09.09.2019	20:00:00	11.472,48	11.217,28	18.912,30
09.09.2019	20:15:00	11.988,72	11.732,15	19.132,59
09.09.2019	20:30:00	12.354,13	12.094,56	19.381,94
09.09.2019	20:45:00	12.157,68	11.898,91	19.136,34
09.09.2019	21:00:00	11.702,38	11.444,72	18.515,89
09.09.2019	21:15:00	11.530,39	11.283,08	18.259,71
09.09.2019	21:30:00	11.570,08	11.406,01	18.409,75
09.09.2019	21:45:00	11.060,35	10.885,63	17.578,80
09.09.2019	22:00:00	10.709,95	10.532,85	17.029,67
09.09.2019	22:15:00	10.293,43	10.107,68	16.317,94
09.09.2019	22:30:00	9.915,30	9.725,79	15.666,27
09.09.2019	22:45:00	9.690,97	9.500,38	15.122,88
09.09.2019	23:00:00	9.223,56	9.027,15	14.327,58
09.09.2019	23:15:00	8.684,24	8.483,29	13.601,98
09.09.2019	23:30:00	8.126,02	7.921,56	13.030,70
09.09.2019	23:45:00	7.669,98	7.470,71	12.453,88
10.09.2019	00:00:00	7.201,79	6.999,00	11.958,89
10.09.2019	00:15:00	6.882,79	6.676,98	11.579,83
10.09.2019	00:30:00	6.494,35	6.282,45	11.091,18
10.09.2019	00:45:00	6.423,30	6.237,03	11.045,31
10.09.2019	01:00:00	6.215,36	5.994,03	10.831,99
10.09.2019	01:15:00	6.035,63	5.811,46	10.654,06
10.09.2019	01:30:00	6.018,17	5.794,37	10.682,44
10.09.2019	01:45:00	5.865,00	5.638,03	10.412,92
10.09.2019	02:00:00	5.860,99	5.632,25	10.281,29
10.09.2019	02:15:00	5.755,01	5.527,28	10.103,56
10.09.2019	02:30:00	5.674,92	5.451,77	10.073,76
10.09.2019	02:45:00	5.615,97	5.396,25	9.987,08
10.09.2019	03:00:00	5.592,45	5.371,52	9.976,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.09.2019	03:15:00	5.549,45	5.329,09	9.945,86
10.09.2019	03:30:00	5.627,04	5.407,11	10.044,68
10.09.2019	03:45:00	5.618,04	5.397,06	10.032,62
10.09.2019	04:00:00	5.745,79	5.543,72	10.188,66
10.09.2019	04:15:00	5.877,63	5.795,38	10.495,06
10.09.2019	04:30:00	5.879,87	5.804,16	10.639,21
10.09.2019	04:45:00	6.103,08	6.029,98	10.911,74
10.09.2019	05:00:00	6.200,59	6.136,34	11.125,51
10.09.2019	05:15:00	6.529,85	6.484,44	11.975,71
10.09.2019	05:30:00	6.698,65	6.647,24	12.479,96
10.09.2019	05:45:00	6.983,35	6.984,90	13.270,41
10.09.2019	06:00:00	7.371,60	7.377,07	14.397,76
10.09.2019	06:15:00	7.812,21	7.823,89	16.142,85
10.09.2019	06:30:00	8.221,50	8.229,30	17.280,42
10.09.2019	06:45:00	8.207,38	8.205,47	17.759,24
10.09.2019	07:00:00	8.252,16	8.295,17	18.545,79
10.09.2019	07:15:00	8.691,68	8.711,49	19.301,67
10.09.2019	07:30:00	8.999,46	8.916,89	19.948,23
10.09.2019	07:45:00	9.439,03	9.278,73	20.554,05
10.09.2019	08:00:00	9.379,51	9.292,93	20.937,87
10.09.2019	08:15:00	10.066,70	9.939,84	21.894,58
10.09.2019	08:30:00	10.124,31	9.939,26	21.959,22
10.09.2019	08:45:00	10.344,90	10.091,26	22.311,24
10.09.2019	09:00:00	10.627,19	10.363,18	22.786,90
10.09.2019	09:15:00	11.049,99	10.666,55	22.439,24
10.09.2019	09:30:00	11.110,34	10.370,20	22.032,81
10.09.2019	09:45:00	11.159,25	10.062,32	22.213,42
10.09.2019	10:00:00	10.970,69	9.590,07	22.125,35
10.09.2019	10:15:00	10.857,69	9.048,14	21.311,42
10.09.2019	10:30:00	10.356,53	7.608,78	19.580,51
10.09.2019	10:45:00	10.542,49	7.190,50	19.188,51
10.09.2019	11:00:00	10.578,49	6.979,81	18.936,68
10.09.2019	11:15:00	10.251,74	7.372,13	19.511,51
10.09.2019	11:30:00	11.065,81	7.688,30	19.588,27
10.09.2019	11:45:00	11.067,45	7.032,08	18.782,32
10.09.2019	12:00:00	11.582,74	7.975,63	19.721,26
10.09.2019	12:15:00	11.772,90	7.343,53	18.321,44
10.09.2019	12:30:00	11.340,07	6.533,82	17.133,10
10.09.2019	12:45:00	11.128,84	6.249,09	16.935,66
10.09.2019	13:00:00	10.888,95	6.329,45	17.286,33
10.09.2019	13:15:00	11.014,64	5.698,59	16.718,85
10.09.2019	13:30:00	10.768,64	5.208,89	16.362,52
10.09.2019	13:45:00	10.784,37	5.091,51	16.179,94
10.09.2019	14:00:00	10.756,75	5.179,18	16.334,22
10.09.2019	14:15:00	10.890,22	5.669,63	16.569,09
10.09.2019	14:30:00	10.540,59	5.665,00	16.403,15
10.09.2019	14:45:00	10.830,27	6.136,86	16.743,22
10.09.2019	15:00:00	10.739,78	5.891,61	16.395,76
10.09.2019	15:15:00	10.300,13	6.120,92	16.664,78
10.09.2019	15:30:00	10.639,36	6.396,87	16.770,65
10.09.2019	15:45:00	10.707,03	6.781,24	16.812,09
10.09.2019	16:00:00	10.848,72	6.716,05	16.264,55
10.09.2019	16:15:00	10.711,84	6.879,96	16.199,58
10.09.2019	16:30:00	10.754,47	6.972,12	15.995,51
10.09.2019	16:45:00	10.938,68	7.171,72	16.084,81
10.09.2019	17:00:00	11.297,13	7.565,83	16.433,91
10.09.2019	17:15:00	11.226,32	7.990,96	16.600,30
10.09.2019	17:30:00	11.297,61	8.183,34	16.648,26
10.09.2019	17:45:00	11.448,11	8.614,39	17.074,78
10.09.2019	18:00:00	11.313,32	9.044,13	17.304,09
10.09.2019	18:15:00	11.553,96	9.490,80	17.561,09
10.09.2019	18:30:00	11.467,47	9.660,52	17.555,52
10.09.2019	18:45:00	11.248,13	10.053,99	17.773,80
10.09.2019	19:00:00	10.904,86	10.121,84	17.841,50
10.09.2019	19:15:00	10.904,36	10.475,19	18.137,65
10.09.2019	19:30:00	11.104,07	10.753,67	18.310,96
10.09.2019	19:45:00	11.271,40	10.985,78	18.478,24
10.09.2019	20:00:00	11.499,62	11.254,79	18.856,50
10.09.2019	20:15:00	12.042,32	11.794,74	19.328,72
10.09.2019	20:30:00	12.343,76	12.090,14	19.545,65
10.09.2019	20:45:00	12.298,04	12.045,04	19.279,14

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.09.2019	21:00:00	11.803,27	11.539,48	18.596,92
10.09.2019	21:15:00	11.550,06	11.287,94	18.213,85
10.09.2019	21:30:00	11.452,76	11.197,89	17.895,22
10.09.2019	21:45:00	10.942,98	10.683,52	17.127,88
10.09.2019	22:00:00	10.421,78	10.158,79	16.164,59
10.09.2019	22:15:00	9.969,43	9.802,35	15.497,52
10.09.2019	22:30:00	9.579,91	9.420,79	14.790,39
10.09.2019	22:45:00	9.299,45	9.143,96	14.329,49
10.09.2019	23:00:00	8.927,46	8.750,78	13.853,06
10.09.2019	23:15:00	8.509,79	8.263,07	13.216,97
10.09.2019	23:30:00	7.950,62	7.645,56	12.553,30
10.09.2019	23:45:00	7.387,05	7.065,12	11.954,84
11.09.2019	00:00:00	7.015,72	6.630,83	11.527,08
11.09.2019	00:15:00	6.723,02	6.302,29	11.215,18
11.09.2019	00:30:00	6.426,05	5.995,33	10.955,64
11.09.2019	00:45:00	6.241,84	5.819,88	10.751,72
11.09.2019	01:00:00	6.042,47	5.618,30	10.560,17
11.09.2019	01:15:00	5.896,30	5.460,75	10.399,02
11.09.2019	01:30:00	5.798,56	5.372,20	10.291,13
11.09.2019	01:45:00	5.767,01	5.340,52	10.081,73
11.09.2019	02:00:00	5.639,80	5.265,35	10.012,11
11.09.2019	02:15:00	5.575,99	5.261,69	9.972,19
11.09.2019	02:30:00	5.622,98	5.305,05	9.944,81
11.09.2019	02:45:00	5.522,86	5.194,32	9.912,28
11.09.2019	03:00:00	5.528,16	5.210,52	9.971,36
11.09.2019	03:15:00	5.540,90	5.222,81	9.936,80
11.09.2019	03:30:00	5.420,04	5.065,61	9.904,97
11.09.2019	03:45:00	5.651,94	5.336,58	10.126,80
11.09.2019	04:00:00	5.679,02	5.363,05	10.147,44
11.09.2019	04:15:00	5.859,47	5.556,33	10.478,26
11.09.2019	04:30:00	6.085,00	5.802,13	10.668,97
11.09.2019	04:45:00	5.968,03	5.683,36	10.671,15
11.09.2019	05:00:00	6.152,40	5.873,97	11.035,73
11.09.2019	05:15:00	6.675,52	6.424,53	11.907,62
11.09.2019	05:30:00	6.656,88	6.409,07	12.263,40
11.09.2019	05:45:00	7.005,57	6.790,27	12.891,06
11.09.2019	06:00:00	7.333,44	7.119,89	13.794,61
11.09.2019	06:15:00	7.886,80	7.676,03	15.955,73
11.09.2019	06:30:00	8.608,53	8.431,29	17.572,78
11.09.2019	06:45:00	8.979,44	8.799,17	18.517,62
11.09.2019	07:00:00	8.875,15	8.722,08	19.177,37
11.09.2019	07:15:00	9.191,03	8.965,74	19.656,99
11.09.2019	07:30:00	9.362,69	9.080,17	20.045,35
11.09.2019	07:45:00	9.453,59	9.093,20	20.384,38
11.09.2019	08:00:00	9.362,44	8.917,09	20.355,31
11.09.2019	08:15:00	9.158,04	8.625,04	20.114,37
11.09.2019	08:30:00	9.198,40	8.543,58	19.985,26
11.09.2019	08:45:00	9.186,53	8.326,49	19.898,02
11.09.2019	09:00:00	9.162,88	7.934,74	19.519,85
11.09.2019	09:15:00	9.287,38	7.672,82	18.572,87
11.09.2019	09:30:00	9.394,41	7.417,25	18.285,96
11.09.2019	09:45:00	9.595,41	7.243,18	18.642,66
11.09.2019	10:00:00	9.694,86	6.909,10	18.364,43
11.09.2019	10:15:00	9.796,17	6.585,35	18.120,41
11.09.2019	10:30:00	9.944,86	6.323,52	17.949,68
11.09.2019	10:45:00	10.036,94	6.080,43	17.728,13
11.09.2019	11:00:00	9.995,90	5.799,75	17.815,28
11.09.2019	11:15:00	10.232,25	5.790,65	18.019,16
11.09.2019	11:30:00	10.460,08	5.748,89	17.874,14
11.09.2019	11:45:00	10.759,22	5.878,92	17.627,70
11.09.2019	12:00:00	11.015,50	5.950,56	17.594,22
11.09.2019	12:15:00	11.107,50	5.894,44	16.840,39
11.09.2019	12:30:00	11.087,68	5.792,19	16.400,24
11.09.2019	12:45:00	10.773,18	5.296,39	16.193,85
11.09.2019	13:00:00	10.695,21	5.075,09	16.302,40
11.09.2019	13:15:00	10.441,94	4.763,77	16.027,31
11.09.2019	13:30:00	10.096,85	4.701,65	15.957,10
11.09.2019	13:45:00	10.368,51	4.582,89	15.978,66
11.09.2019	14:00:00	10.358,24	4.546,29	15.863,26
11.09.2019	14:15:00	10.384,29	4.622,59	15.692,87
11.09.2019	14:30:00	10.474,18	4.656,13	15.515,69

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.09.2019	14:45:00	10.460,25	4.913,95	15.676,03
11.09.2019	15:00:00	10.693,71	5.491,64	16.117,16
11.09.2019	15:15:00	11.752,32	6.152,87	16.583,83
11.09.2019	15:30:00	11.960,48	6.734,95	16.901,67
11.09.2019	15:45:00	10.566,47	6.523,62	16.561,98
11.09.2019	16:00:00	9.695,88	6.279,15	16.124,16
11.09.2019	16:15:00	10.180,94	6.377,80	15.769,58
11.09.2019	16:30:00	10.735,06	6.330,23	15.452,58
11.09.2019	16:45:00	10.778,67	6.658,39	15.565,20
11.09.2019	17:00:00	10.701,52	7.038,60	15.979,47
11.09.2019	17:15:00	11.017,62	7.564,85	16.189,37
11.09.2019	17:30:00	10.576,16	9.398,74	17.891,53
11.09.2019	17:45:00	10.636,99	9.666,46	18.223,52
11.09.2019	18:00:00	10.816,68	9.948,91	18.343,83
11.09.2019	18:15:00	10.784,24	10.080,82	18.282,29
11.09.2019	18:30:00	10.861,87	10.372,75	18.430,39
11.09.2019	18:45:00	10.909,93	10.492,30	18.365,72
11.09.2019	19:00:00	10.968,39	10.663,87	18.387,08
11.09.2019	19:15:00	11.218,50	10.995,74	18.653,46
11.09.2019	19:30:00	11.329,86	11.140,01	18.734,05
11.09.2019	19:45:00	11.618,52	11.450,03	19.043,34
11.09.2019	20:00:00	11.872,29	11.693,06	19.259,92
11.09.2019	20:15:00	12.216,67	11.856,25	19.262,35
11.09.2019	20:30:00	12.028,54	11.658,44	19.037,41
11.09.2019	20:45:00	11.749,77	11.331,44	18.497,84
11.09.2019	21:00:00	11.291,00	10.875,55	18.235,26
11.09.2019	21:15:00	11.043,29	10.626,89	17.920,38
11.09.2019	21:30:00	10.906,57	10.489,84	17.676,68
11.09.2019	21:45:00	10.461,98	10.038,53	17.083,76
11.09.2019	22:00:00	10.110,83	9.676,32	16.426,62
11.09.2019	22:15:00	9.650,15	9.356,39	15.861,83
11.09.2019	22:30:00	9.118,95	8.884,05	14.984,54
11.09.2019	22:45:00	8.913,97	8.673,96	14.282,38
11.09.2019	23:00:00	8.526,96	8.284,03	13.828,34
11.09.2019	23:15:00	8.033,40	7.773,63	13.193,34
11.09.2019	23:30:00	7.612,72	7.360,92	12.844,30
11.09.2019	23:45:00	7.240,86	7.008,54	12.380,24
12.09.2019	00:00:00	6.873,70	6.647,27	11.931,35
12.09.2019	00:15:00	6.548,71	6.275,83	11.481,41
12.09.2019	00:30:00	6.306,32	6.031,04	11.291,98
12.09.2019	00:45:00	6.143,66	5.860,59	11.265,15
12.09.2019	01:00:00	5.988,13	5.728,36	11.085,23
12.09.2019	01:15:00	5.781,40	5.527,90	10.963,98
12.09.2019	01:30:00	5.659,70	5.409,59	10.725,78
12.09.2019	01:45:00	5.552,10	5.305,70	10.664,40
12.09.2019	02:00:00	5.490,19	5.216,12	10.475,09
12.09.2019	02:15:00	5.476,45	5.168,56	10.269,16
12.09.2019	02:30:00	5.437,46	5.127,78	10.163,76
12.09.2019	02:45:00	5.346,48	5.032,58	9.911,26
12.09.2019	03:00:00	5.323,89	5.023,18	9.839,20
12.09.2019	03:15:00	5.324,15	5.022,74	9.751,64
12.09.2019	03:30:00	5.222,60	4.913,94	9.937,51
12.09.2019	03:45:00	5.174,29	4.931,38	9.793,35
12.09.2019	04:00:00	5.219,51	4.905,57	9.732,22
12.09.2019	04:15:00	5.391,49	5.058,14	10.042,64
12.09.2019	04:30:00	5.434,16	5.159,98	10.196,08
12.09.2019	04:45:00	5.510,30	5.236,19	10.343,82
12.09.2019	05:00:00	5.725,26	5.468,30	10.787,51
12.09.2019	05:15:00	6.138,82	5.887,73	11.480,04
12.09.2019	05:30:00	6.321,58	6.043,06	12.014,42
12.09.2019	05:45:00	6.731,18	6.451,88	12.677,54
12.09.2019	06:00:00	6.966,79	6.720,46	13.535,72
12.09.2019	06:15:00	7.696,57	7.566,13	16.059,20
12.09.2019	06:30:00	8.264,81	8.135,41	17.545,04
12.09.2019	06:45:00	8.607,11	8.301,61	18.220,28
12.09.2019	07:00:00	8.685,62	8.388,03	18.883,95
12.09.2019	07:15:00	9.106,92	8.767,33	19.627,79
12.09.2019	07:30:00	9.315,52	8.932,26	20.242,56
12.09.2019	07:45:00	9.370,89	8.821,19	20.576,80
12.09.2019	08:00:00	9.449,33	8.600,36	20.671,16
12.09.2019	08:15:00	9.665,30	8.814,32	20.969,59

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.09.2019	08:30:00	9.802,14	8.959,76	21.341,28
12.09.2019	08:45:00	10.060,70	9.317,53	21.809,02
12.09.2019	09:00:00	10.201,28	9.470,41	22.027,94
12.09.2019	09:15:00	10.160,81	9.159,24	21.008,28
12.09.2019	09:30:00	9.743,63	8.296,81	19.970,55
12.09.2019	09:45:00	9.852,10	7.575,10	19.770,92
12.09.2019	10:00:00	10.436,35	8.308,13	20.624,87
12.09.2019	10:15:00	10.377,43	8.403,88	20.669,94
12.09.2019	10:30:00	10.076,61	7.329,88	19.448,43
12.09.2019	10:45:00	10.356,08	7.412,70	19.804,49
12.09.2019	11:00:00	10.869,40	8.303,06	20.811,03
12.09.2019	11:15:00	11.048,30	9.246,07	21.639,05
12.09.2019	11:30:00	11.114,13	9.107,81	21.383,14
12.09.2019	11:45:00	11.172,91	8.812,08	21.113,21
12.09.2019	12:00:00	10.826,74	6.955,47	18.828,00
12.09.2019	12:15:00	10.848,07	5.946,93	17.397,74
12.09.2019	12:30:00	11.909,40	6.351,18	17.671,98
12.09.2019	12:45:00	10.580,20	7.172,98	18.530,79
12.09.2019	13:00:00	10.488,38	7.146,42	18.638,64
12.09.2019	13:15:00	10.421,32	5.261,25	16.757,84
12.09.2019	13:30:00	10.113,66	5.498,90	17.039,15
12.09.2019	13:45:00	10.326,36	5.142,35	16.994,19
12.09.2019	14:00:00	10.485,96	4.810,04	16.515,94
12.09.2019	14:15:00	10.082,81	4.903,67	16.299,60
12.09.2019	14:30:00	10.251,88	4.652,84	15.687,60
12.09.2019	14:45:00	10.274,86	4.815,66	15.917,14
12.09.2019	15:00:00	10.428,74	5.022,33	16.107,59
12.09.2019	15:15:00	10.692,06	5.362,53	16.132,71
12.09.2019	15:30:00	10.630,02	5.429,90	15.899,65
12.09.2019	15:45:00	10.625,97	5.586,58	15.913,59
12.09.2019	16:00:00	10.652,58	5.800,84	15.641,61
12.09.2019	16:15:00	10.739,16	6.048,41	15.536,87
12.09.2019	16:30:00	10.871,59	6.299,20	15.791,55
12.09.2019	16:45:00	10.090,93	7.523,97	16.962,82
12.09.2019	17:00:00	10.150,33	8.275,15	17.481,80
12.09.2019	17:15:00	11.839,68	8.118,55	16.917,27
12.09.2019	17:30:00	11.574,36	8.096,49	16.824,98
12.09.2019	17:45:00	11.132,22	8.683,57	17.273,58
12.09.2019	18:00:00	11.534,68	9.208,66	17.657,67
12.09.2019	18:15:00	11.697,17	9.527,17	17.834,63
12.09.2019	18:30:00	11.657,89	9.680,35	18.253,22
12.09.2019	18:45:00	10.895,76	9.650,76	18.158,34
12.09.2019	19:00:00	10.488,96	9.533,66	17.829,55
12.09.2019	19:15:00	10.585,32	9.819,18	18.127,06
12.09.2019	19:30:00	10.826,35	10.193,41	18.521,94
12.09.2019	19:45:00	10.811,14	10.229,68	18.436,44
12.09.2019	20:00:00	11.061,22	10.504,44	18.607,98
12.09.2019	20:15:00	11.696,16	11.173,24	19.176,64
12.09.2019	20:30:00	11.904,45	11.453,49	19.359,25
12.09.2019	20:45:00	11.777,44	11.362,66	19.073,45
12.09.2019	21:00:00	11.378,49	10.963,26	18.369,65
12.09.2019	21:15:00	11.158,94	10.733,62	17.954,38
12.09.2019	21:30:00	11.101,05	10.683,79	17.788,94
12.09.2019	21:45:00	10.575,93	10.153,32	17.206,90
12.09.2019	22:00:00	10.183,43	9.705,85	16.590,79
12.09.2019	22:15:00	9.801,27	9.330,75	16.022,61
12.09.2019	22:30:00	9.525,09	9.054,65	15.572,58
12.09.2019	22:45:00	9.154,81	8.660,41	14.882,67
12.09.2019	23:00:00	8.717,00	8.231,48	14.202,08
12.09.2019	23:15:00	8.286,97	7.804,32	13.627,77
12.09.2019	23:30:00	7.769,77	7.285,90	12.961,43
12.09.2019	23:45:00	7.330,95	6.849,06	12.330,43
13.09.2019	00:00:00	6.969,28	6.496,90	11.880,55
13.09.2019	00:15:00	6.647,01	6.191,49	11.606,50
13.09.2019	00:30:00	6.389,07	5.937,30	11.133,62
13.09.2019	00:45:00	6.205,11	5.755,79	10.896,10
13.09.2019	01:00:00	6.084,49	5.642,93	10.916,10
13.09.2019	01:15:00	5.959,05	5.500,16	10.641,90
13.09.2019	01:30:00	5.773,32	5.326,21	10.476,57
13.09.2019	01:45:00	5.707,49	5.336,99	10.364,02
13.09.2019	02:00:00	5.647,47	5.299,36	10.329,41

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.09.2019	02:15:00	5.529,01	5.182,53	10.083,65
13.09.2019	02:30:00	5.515,98	5.158,87	10.096,56
13.09.2019	02:45:00	5.499,86	5.135,20	10.081,25
13.09.2019	03:00:00	5.429,68	5.049,93	10.014,62
13.09.2019	03:15:00	5.482,73	5.034,20	9.818,37
13.09.2019	03:30:00	5.443,29	4.999,42	9.725,94
13.09.2019	03:45:00	5.451,72	5.043,40	9.733,38
13.09.2019	04:00:00	5.483,07	5.072,91	9.929,85
13.09.2019	04:15:00	5.654,27	5.253,51	10.081,50
13.09.2019	04:30:00	5.735,76	5.311,66	10.224,10
13.09.2019	04:45:00	5.841,86	5.342,11	10.310,73
13.09.2019	05:00:00	5.903,88	5.409,93	10.632,67
13.09.2019	05:15:00	6.350,22	5.886,70	11.515,50
13.09.2019	05:30:00	6.488,46	6.035,05	12.096,47
13.09.2019	05:45:00	6.825,95	6.392,58	12.557,07
13.09.2019	06:00:00	7.190,62	6.760,91	13.498,23
13.09.2019	06:15:00	7.769,94	7.352,01	15.603,23
13.09.2019	06:30:00	8.478,80	8.078,69	17.041,20
13.09.2019	06:45:00	8.631,02	8.240,40	17.706,74
13.09.2019	07:00:00	8.857,80	8.497,32	18.645,24
13.09.2019	07:15:00	9.102,72	8.696,51	19.157,16
13.09.2019	07:30:00	9.082,27	8.622,00	19.422,94
13.09.2019	07:45:00	9.082,92	8.577,19	19.642,83
13.09.2019	08:00:00	9.116,21	8.609,09	20.097,32
13.09.2019	08:15:00	9.122,20	8.560,72	20.213,80
13.09.2019	08:30:00	9.007,79	8.287,26	20.091,45
13.09.2019	08:45:00	9.044,79	8.082,00	19.808,15
13.09.2019	09:00:00	9.053,28	7.722,18	19.322,07
13.09.2019	09:15:00	9.088,46	7.416,02	18.356,05
13.09.2019	09:30:00	9.227,35	7.165,63	18.083,04
13.09.2019	09:45:00	9.417,44	6.960,77	18.324,35
13.09.2019	10:00:00	9.457,44	6.604,61	18.102,45
13.09.2019	10:15:00	9.606,03	6.406,16	17.779,16
13.09.2019	10:30:00	9.794,65	6.264,51	17.748,69
13.09.2019	10:45:00	9.958,16	6.114,63	17.795,68
13.09.2019	11:00:00	9.959,90	5.810,82	17.528,72
13.09.2019	11:15:00	10.216,15	5.888,63	17.543,23
13.09.2019	11:30:00	10.392,57	5.877,84	17.320,09
13.09.2019	11:45:00	10.623,01	6.039,54	17.469,76
13.09.2019	12:00:00	10.790,04	5.971,17	16.899,72
13.09.2019	12:15:00	10.900,38	6.019,02	16.431,11
13.09.2019	12:30:00	11.790,25	6.594,31	16.844,84
13.09.2019	12:45:00	10.893,66	7.651,89	18.145,57
13.09.2019	13:00:00	11.040,11	7.529,20	17.911,95
13.09.2019	13:15:00	11.463,90	5.867,70	16.206,04
13.09.2019	13:30:00	10.705,91	5.332,54	15.572,81
13.09.2019	13:45:00	11.139,78	6.157,18	16.329,61
13.09.2019	14:00:00	11.099,89	6.021,77	15.993,68
13.09.2019	14:15:00	11.579,16	5.822,92	15.594,52
13.09.2019	14:30:00	11.211,51	5.581,77	15.228,24
13.09.2019	14:45:00	10.442,17	5.118,97	14.622,10
13.09.2019	15:00:00	9.268,39	5.483,35	14.845,40
13.09.2019	15:15:00	10.228,98	5.339,43	14.437,48
13.09.2019	15:30:00	11.036,11	5.671,86	14.770,40
13.09.2019	15:45:00	10.858,30	5.756,32	14.749,31
13.09.2019	16:00:00	10.880,47	5.958,58	14.773,28
13.09.2019	16:15:00	11.149,27	6.121,92	14.782,70
13.09.2019	16:30:00	11.046,68	6.408,43	14.859,22
13.09.2019	16:45:00	10.930,11	6.691,73	15.086,66
13.09.2019	17:00:00	10.992,67	6.978,86	15.324,38
13.09.2019	17:15:00	11.281,71	7.526,92	15.730,85
13.09.2019	17:30:00	11.282,64	7.839,90	16.007,87
13.09.2019	17:45:00	11.540,67	8.521,06	16.544,06
13.09.2019	18:00:00	11.662,22	8.896,79	16.765,62
13.09.2019	18:15:00	11.419,66	9.019,41	16.743,92
13.09.2019	18:30:00	11.190,84	9.380,17	16.861,30
13.09.2019	18:45:00	10.586,21	9.597,89	16.987,22
13.09.2019	19:00:00	10.359,47	9.776,80	17.113,00
13.09.2019	19:15:00	10.393,11	9.935,35	17.377,68
13.09.2019	19:30:00	10.290,08	9.973,59	17.270,25
13.09.2019	19:45:00	10.378,20	10.149,49	17.440,20

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.09.2019	20:00:00	10.672,86	10.515,04	17.646,16
13.09.2019	20:15:00	11.177,58	11.086,32	17.985,90
13.09.2019	20:30:00	11.428,73	11.315,69	18.087,30
13.09.2019	20:45:00	11.231,94	11.037,46	17.602,94
13.09.2019	21:00:00	10.985,13	10.744,40	17.251,42
13.09.2019	21:15:00	10.768,52	10.524,34	16.701,33
13.09.2019	21:30:00	10.700,95	10.460,93	16.491,56
13.09.2019	21:45:00	10.242,25	10.031,58	15.935,72
13.09.2019	22:00:00	9.816,51	9.592,55	15.398,44
13.09.2019	22:15:00	9.594,99	9.333,24	14.842,42
13.09.2019	22:30:00	9.484,31	9.214,02	14.456,84
13.09.2019	22:45:00	9.218,60	8.952,08	13.944,66
13.09.2019	23:00:00	8.971,32	8.699,79	13.609,38
13.09.2019	23:15:00	8.523,52	8.292,72	13.099,25
13.09.2019	23:30:00	7.983,37	7.753,85	12.358,44
13.09.2019	23:45:00	7.651,97	7.414,59	11.932,03
14.09.2019	00:00:00	7.280,29	6.994,27	11.491,63
14.09.2019	00:15:00	6.985,13	6.696,52	11.032,76
14.09.2019	00:30:00	6.715,85	6.471,76	10.806,40
14.09.2019	00:45:00	6.549,93	6.282,35	10.663,55
14.09.2019	01:00:00	6.323,42	6.047,12	10.271,31
14.09.2019	01:15:00	6.145,48	5.890,03	10.132,89
14.09.2019	01:30:00	5.993,62	5.751,05	10.095,72
14.09.2019	01:45:00	5.826,49	5.579,34	9.956,13
14.09.2019	02:00:00	5.710,27	5.508,92	9.809,66
14.09.2019	02:15:00	5.657,52	5.462,47	9.787,26
14.09.2019	02:30:00	5.604,25	5.468,32	9.814,49
14.09.2019	02:45:00	5.536,51	5.415,88	9.639,27
14.09.2019	03:00:00	5.404,28	5.247,65	9.370,62
14.09.2019	03:15:00	5.462,60	5.321,12	9.417,82
14.09.2019	03:30:00	5.378,77	5.270,89	9.335,26
14.09.2019	03:45:00	5.333,51	5.153,22	9.092,88
14.09.2019	04:00:00	5.346,35	5.123,55	9.028,93
14.09.2019	04:15:00	5.393,55	5.170,73	9.021,02
14.09.2019	04:30:00	5.430,75	5.216,00	9.048,87
14.09.2019	04:45:00	5.426,81	5.214,55	9.097,82
14.09.2019	05:00:00	5.454,11	5.227,61	9.229,49
14.09.2019	05:15:00	5.695,60	5.458,34	9.647,31
14.09.2019	05:30:00	5.726,83	5.492,56	9.793,22
14.09.2019	05:45:00	5.903,60	5.684,35	10.097,99
14.09.2019	06:00:00	6.109,88	6.013,64	10.650,46
14.09.2019	06:15:00	6.478,79	6.411,79	11.242,49
14.09.2019	06:30:00	6.776,19	6.686,89	11.536,20
14.09.2019	06:45:00	6.884,82	6.740,44	11.604,68
14.09.2019	07:00:00	6.664,27	6.368,77	11.458,40
14.09.2019	07:15:00	6.946,64	6.604,59	11.882,52
14.09.2019	07:30:00	7.223,65	6.791,94	12.241,90
14.09.2019	07:45:00	7.519,23	7.041,39	12.670,24
14.09.2019	08:00:00	7.914,29	7.385,22	13.024,89
14.09.2019	08:15:00	8.248,30	7.830,83	13.605,94
14.09.2019	08:30:00	8.567,85	8.014,60	13.698,56
14.09.2019	08:45:00	8.868,44	8.218,45	13.941,76
14.09.2019	09:00:00	9.166,72	8.418,80	14.336,01
14.09.2019	09:15:00	9.327,24	8.253,73	14.031,68
14.09.2019	09:30:00	9.444,76	7.757,67	13.524,45
14.09.2019	09:45:00	9.644,56	7.744,40	13.716,64
14.09.2019	10:00:00	9.637,29	7.579,94	13.391,44
14.09.2019	10:15:00	10.106,98	7.780,06	13.577,06
14.09.2019	10:30:00	9.963,39	7.811,25	13.589,39
14.09.2019	10:45:00	10.281,56	7.361,17	13.135,29
14.09.2019	11:00:00	9.760,59	6.877,55	12.581,29
14.09.2019	11:15:00	9.486,02	6.411,44	11.996,37
14.09.2019	11:30:00	10.194,63	6.047,16	11.602,14
14.09.2019	11:45:00	10.497,94	6.323,78	11.923,97
14.09.2019	12:00:00	10.678,26	6.274,40	11.815,73
14.09.2019	12:15:00	10.576,01	5.951,67	11.359,84
14.09.2019	12:30:00	10.686,36	5.894,45	11.323,30
14.09.2019	12:45:00	10.611,32	5.994,14	11.418,70
14.09.2019	13:00:00	10.555,95	5.594,72	10.660,76
14.09.2019	13:15:00	10.618,81	5.642,47	10.603,03
14.09.2019	13:30:00	10.545,85	5.985,43	10.991,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.09.2019	13:45:00	9.715,43	5.636,60	10.676,28
14.09.2019	14:00:00	10.213,86	5.699,85	10.712,94
14.09.2019	14:15:00	9.834,48	5.701,92	10.553,59
14.09.2019	14:30:00	9.858,95	5.225,53	10.045,38
14.09.2019	14:45:00	10.079,63	4.729,11	9.434,15
14.09.2019	15:00:00	9.956,82	4.735,83	9.436,49
14.09.2019	15:15:00	9.944,60	4.958,25	9.720,28
14.09.2019	15:30:00	11.012,40	5.636,50	10.444,92
14.09.2019	15:45:00	9.402,04	6.115,59	10.893,86
14.09.2019	16:00:00	10.142,73	5.894,59	10.593,29
14.09.2019	16:15:00	8.917,45	6.099,10	10.883,86
14.09.2019	16:30:00	9.678,56	6.102,23	10.918,94
14.09.2019	16:45:00	10.202,68	6.202,07	11.003,08
14.09.2019	17:00:00	10.087,23	6.021,11	10.817,35
14.09.2019	17:15:00	10.616,86	6.774,52	11.664,60
14.09.2019	17:30:00	10.511,46	7.238,34	12.091,26
14.09.2019	17:45:00	10.654,45	7.546,62	12.287,45
14.09.2019	18:00:00	10.699,84	7.925,49	12.670,08
14.09.2019	18:15:00	10.484,32	8.249,86	12.998,84
14.09.2019	18:30:00	10.239,28	8.587,40	13.281,66
14.09.2019	18:45:00	9.806,53	8.795,58	13.470,64
14.09.2019	19:00:00	9.669,02	9.057,00	13.788,27
14.09.2019	19:15:00	9.751,89	9.218,02	13.941,57
14.09.2019	19:30:00	9.778,55	9.384,75	14.057,56
14.09.2019	19:45:00	9.942,86	9.688,82	14.362,87
14.09.2019	20:00:00	10.333,76	10.095,69	15.002,69
14.09.2019	20:15:00	10.923,88	10.750,38	15.581,28
14.09.2019	20:30:00	10.870,53	10.746,94	15.678,84
14.09.2019	20:45:00	10.732,91	10.604,54	15.476,72
14.09.2019	21:00:00	10.445,43	10.279,62	15.069,26
14.09.2019	21:15:00	10.324,82	10.121,17	14.773,79
14.09.2019	21:30:00	10.283,29	10.045,18	14.667,55
14.09.2019	21:45:00	9.760,80	9.511,53	14.155,84
14.09.2019	22:00:00	9.471,54	9.264,95	13.840,09
14.09.2019	22:15:00	9.310,25	9.045,24	13.585,77
14.09.2019	22:30:00	9.190,93	8.919,11	13.361,11
14.09.2019	22:45:00	8.949,16	8.673,68	13.023,42
14.09.2019	23:00:00	8.806,39	8.536,30	12.838,24
14.09.2019	23:15:00	8.490,79	8.232,90	12.489,89
14.09.2019	23:30:00	8.199,45	7.941,89	12.253,48
14.09.2019	23:45:00	7.801,05	7.583,37	11.813,32
15.09.2019	00:00:00	7.431,61	7.275,69	11.374,51
15.09.2019	00:15:00	7.101,28	6.928,50	10.968,16
15.09.2019	00:30:00	6.797,14	6.586,23	10.625,30
15.09.2019	00:45:00	6.701,01	6.406,02	10.399,04
15.09.2019	01:00:00	6.467,09	6.184,42	10.126,80
15.09.2019	01:15:00	6.222,88	5.977,86	9.919,50
15.09.2019	01:30:00	6.108,07	5.870,55	9.808,22
15.09.2019	01:45:00	5.920,92	5.674,66	9.566,79
15.09.2019	02:00:00	5.766,77	5.517,99	9.365,72
15.09.2019	02:15:00	5.667,94	5.414,00	9.275,12
15.09.2019	02:30:00	5.586,80	5.350,87	9.230,46
15.09.2019	02:45:00	5.570,53	5.369,66	9.194,58
15.09.2019	03:00:00	5.475,32	5.274,27	8.817,41
15.09.2019	03:15:00	5.439,25	5.234,01	8.697,25
15.09.2019	03:30:00	5.387,09	5.137,66	8.545,54
15.09.2019	03:45:00	5.368,42	5.110,32	8.486,06
15.09.2019	04:00:00	5.365,47	5.113,83	8.536,63
15.09.2019	04:15:00	5.438,59	5.172,42	8.579,27
15.09.2019	04:30:00	5.413,22	5.134,38	8.502,24
15.09.2019	04:45:00	5.390,04	5.106,30	8.534,06
15.09.2019	05:00:00	5.431,30	5.149,22	8.550,54
15.09.2019	05:15:00	5.557,91	5.254,78	8.797,46
15.09.2019	05:30:00	5.534,29	5.224,74	8.738,06
15.09.2019	05:45:00	5.657,92	5.404,94	8.916,10
15.09.2019	06:00:00	5.698,77	5.455,00	9.031,58
15.09.2019	06:15:00	5.913,06	5.675,70	9.281,48
15.09.2019	06:30:00	5.968,18	5.753,59	9.445,24
15.09.2019	06:45:00	6.023,55	5.662,17	9.328,26
15.09.2019	07:00:00	5.765,93	5.316,62	9.002,20
15.09.2019	07:15:00	5.966,97	5.508,47	9.146,86

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.09.2019	07:30:00	6.140,25	5.610,12	9.205,90
15.09.2019	07:45:00	6.284,00	5.660,85	9.251,66
15.09.2019	08:00:00	6.504,43	5.810,22	9.393,81
15.09.2019	08:15:00	6.561,75	5.859,29	9.420,98
15.09.2019	08:30:00	6.592,80	5.905,80	9.461,97
15.09.2019	08:45:00	6.736,79	5.727,93	9.353,57
15.09.2019	09:00:00	6.909,77	5.671,48	9.255,30
15.09.2019	09:15:00	7.166,29	5.567,97	9.142,16
15.09.2019	09:30:00	7.474,00	5.482,14	9.122,19
15.09.2019	09:45:00	7.836,15	5.467,30	9.177,40
15.09.2019	10:00:00	8.184,01	5.432,13	9.150,56
15.09.2019	10:15:00	8.385,76	5.376,38	9.202,27
15.09.2019	10:30:00	8.610,56	5.282,05	9.087,46
15.09.2019	10:45:00	8.798,71	5.174,16	8.926,03
15.09.2019	11:00:00	9.008,20	5.096,19	8.790,02
15.09.2019	11:15:00	9.506,61	5.419,49	9.123,43
15.09.2019	11:30:00	9.576,82	5.271,09	9.013,07
15.09.2019	11:45:00	9.800,96	5.270,62	9.092,62
15.09.2019	12:00:00	9.832,13	5.033,16	8.802,26
15.09.2019	12:15:00	9.909,84	4.954,89	8.792,30
15.09.2019	12:30:00	9.997,70	4.896,74	8.656,85
15.09.2019	12:45:00	9.866,50	4.673,49	8.473,44
15.09.2019	13:00:00	9.690,76	4.384,58	8.202,95
15.09.2019	13:15:00	9.492,22	4.167,60	8.062,50
15.09.2019	13:30:00	9.508,66	4.156,46	8.090,61
15.09.2019	13:45:00	9.368,97	3.941,88	7.905,14
15.09.2019	14:00:00	9.187,54	3.735,53	7.700,31
15.09.2019	14:15:00	9.075,63	3.670,07	7.814,24
15.09.2019	14:30:00	8.771,56	3.875,56	8.152,78
15.09.2019	14:45:00	9.139,24	3.772,89	7.948,06
15.09.2019	15:00:00	9.138,84	3.819,95	8.012,76
15.09.2019	15:15:00	8.751,76	4.064,00	8.146,52
15.09.2019	15:30:00	8.545,97	4.116,04	8.221,01
15.09.2019	15:45:00	6.620,62	4.283,14	8.258,80
15.09.2019	16:00:00	9.018,19	4.138,22	8.136,70
15.09.2019	16:15:00	9.105,73	4.435,00	8.435,70
15.09.2019	16:30:00	9.174,88	4.749,16	8.813,55
15.09.2019	16:45:00	9.337,80	5.157,56	9.317,04
15.09.2019	17:00:00	9.465,99	5.479,23	9.721,37
15.09.2019	17:15:00	9.778,81	6.095,22	10.379,53
15.09.2019	17:30:00	9.927,13	6.574,39	10.791,36
15.09.2019	17:45:00	10.061,31	7.117,77	11.400,33
15.09.2019	18:00:00	10.170,30	7.570,59	11.865,52
15.09.2019	18:15:00	10.200,89	8.138,37	12.337,96
15.09.2019	18:30:00	9.880,46	8.451,06	12.662,25
15.09.2019	18:45:00	9.465,78	8.702,63	12.952,97
15.09.2019	19:00:00	9.497,29	8.929,82	13.106,11
15.09.2019	19:15:00	9.806,39	9.390,02	13.570,94
15.09.2019	19:30:00	9.795,41	9.505,91	13.720,69
15.09.2019	19:45:00	9.930,48	9.746,29	13.948,86
15.09.2019	20:00:00	10.207,80	10.026,32	14.269,39
15.09.2019	20:15:00	10.966,32	10.749,48	15.104,80
15.09.2019	20:30:00	11.009,36	10.786,20	15.085,50
15.09.2019	20:45:00	10.940,71	10.689,72	14.986,43
15.09.2019	21:00:00	10.658,93	10.412,58	14.620,58
15.09.2019	21:15:00	10.305,23	10.077,72	14.318,84
15.09.2019	21:30:00	10.202,02	10.064,74	14.129,05
15.09.2019	21:45:00	9.703,10	9.534,11	13.373,08
15.09.2019	22:00:00	9.407,78	9.203,49	13.181,09
15.09.2019	22:15:00	9.111,90	8.907,94	13.075,35
15.09.2019	22:30:00	8.746,51	8.494,61	12.683,28
15.09.2019	22:45:00	8.450,69	8.186,86	12.259,34
15.09.2019	23:00:00	8.071,97	7.854,50	11.938,52
15.09.2019	23:15:00	7.592,78	7.369,45	11.377,15
15.09.2019	23:30:00	7.133,35	6.889,25	10.905,06
15.09.2019	23:45:00	6.787,23	6.579,39	10.573,94
16.09.2019	00:00:00	6.536,52	6.307,57	10.346,09
16.09.2019	00:15:00	6.233,10	5.981,87	10.057,60
16.09.2019	00:30:00	6.042,00	5.787,77	9.867,84
16.09.2019	00:45:00	5.805,12	5.504,09	9.577,28
16.09.2019	01:00:00	5.702,46	5.414,44	9.518,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.09.2019	01:15:00	5.579,75	5.313,70	9.405,13
16.09.2019	01:30:00	5.482,62	5.219,62	9.139,72
16.09.2019	01:45:00	5.428,63	5.167,86	9.022,35
16.09.2019	02:00:00	5.333,25	5.103,32	8.868,54
16.09.2019	02:15:00	5.228,24	4.966,36	8.777,05
16.09.2019	02:30:00	5.191,04	4.943,90	8.788,90
16.09.2019	02:45:00	5.185,81	4.972,79	8.756,61
16.09.2019	03:00:00	5.187,82	4.972,07	8.909,80
16.09.2019	03:15:00	5.191,71	4.949,16	8.833,20
16.09.2019	03:30:00	5.217,41	4.987,78	8.921,74
16.09.2019	03:45:00	5.231,29	4.856,24	8.727,87
16.09.2019	04:00:00	5.260,98	4.916,15	8.711,40
16.09.2019	04:15:00	5.288,12	4.964,04	8.822,13
16.09.2019	04:30:00	5.442,21	5.078,71	9.017,18
16.09.2019	04:45:00	5.622,12	5.232,25	9.208,28
16.09.2019	05:00:00	5.751,79	5.372,07	9.552,94
16.09.2019	05:15:00	6.072,05	5.693,07	10.517,18
16.09.2019	05:30:00	6.240,13	5.869,12	11.044,72
16.09.2019	05:45:00	6.601,56	6.292,81	12.208,80
16.09.2019	06:00:00	6.892,02	6.672,90	13.297,58
16.09.2019	06:15:00	7.632,38	7.431,95	15.332,93
16.09.2019	06:30:00	8.307,16	8.156,14	16.830,55
16.09.2019	06:45:00	8.747,14	8.646,71	17.856,13
16.09.2019	07:00:00	8.682,87	8.585,46	18.413,70
16.09.2019	07:15:00	9.007,13	8.891,34	19.347,37
16.09.2019	07:30:00	9.119,73	8.927,61	19.548,11
16.09.2019	07:45:00	9.307,27	9.013,10	20.066,14
16.09.2019	08:00:00	9.436,57	9.091,57	20.442,91
16.09.2019	08:15:00	9.320,83	8.925,09	20.289,59
16.09.2019	08:30:00	9.277,49	8.798,16	20.290,44
16.09.2019	08:45:00	9.316,97	8.634,43	20.474,32
16.09.2019	09:00:00	9.007,00	7.905,36	19.742,54
16.09.2019	09:15:00	9.484,74	8.434,91	19.866,70
16.09.2019	09:30:00	9.336,49	7.633,35	19.031,92
16.09.2019	09:45:00	9.355,64	7.088,57	18.899,61
16.09.2019	10:00:00	9.738,22	7.283,01	19.559,04
16.09.2019	10:15:00	9.969,40	7.955,91	20.136,41
16.09.2019	10:30:00	9.913,78	7.454,73	19.800,84
16.09.2019	10:45:00	10.253,74	7.224,19	19.515,56
16.09.2019	11:00:00	10.257,82	7.092,60	19.511,47
16.09.2019	11:15:00	10.494,67	6.923,44	19.638,92
16.09.2019	11:30:00	10.616,43	6.690,57	19.370,84
16.09.2019	11:45:00	10.906,42	6.431,64	18.984,50
16.09.2019	12:00:00	10.924,34	6.202,08	18.556,20
16.09.2019	12:15:00	11.385,69	7.248,70	19.338,34
16.09.2019	12:30:00	10.926,40	8.093,71	19.840,79
16.09.2019	12:45:00	11.237,64	6.594,26	18.498,82
16.09.2019	13:00:00	10.689,76	7.297,76	19.452,53
16.09.2019	13:15:00	10.840,16	7.941,71	20.207,99
16.09.2019	13:30:00	10.601,61	7.821,42	20.334,38
16.09.2019	13:45:00	9.866,22	6.016,62	18.227,66
16.09.2019	14:00:00	10.410,97	5.424,99	17.786,08
16.09.2019	14:15:00	10.589,27	5.477,76	17.702,97
16.09.2019	14:30:00	10.691,44	5.283,49	17.481,23
16.09.2019	14:45:00	10.625,49	5.360,96	17.449,12
16.09.2019	15:00:00	10.822,90	5.639,82	17.602,63
16.09.2019	15:15:00	10.956,18	6.296,56	18.169,56
16.09.2019	15:30:00	10.418,27	7.564,80	19.378,23
16.09.2019	15:45:00	10.820,41	6.465,45	17.882,12
16.09.2019	16:00:00	11.010,13	6.581,38	17.607,02
16.09.2019	16:15:00	10.642,84	7.595,77	18.151,86
16.09.2019	16:30:00	10.812,84	7.605,27	17.867,38
16.09.2019	16:45:00	11.100,96	7.406,16	17.641,41
16.09.2019	17:00:00	11.063,17	7.556,23	17.718,20
16.09.2019	17:15:00	10.805,68	8.359,68	18.368,70
16.09.2019	17:30:00	10.531,44	8.879,02	18.447,49
16.09.2019	17:45:00	11.080,66	9.028,50	18.192,18
16.09.2019	18:00:00	11.076,43	9.646,12	18.695,08
16.09.2019	18:15:00	10.950,25	10.024,80	18.839,86
16.09.2019	18:30:00	10.935,08	10.274,66	18.733,60
16.09.2019	18:45:00	10.905,05	10.406,35	18.612,09

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.09.2019	19:00:00	10.834,70	10.429,04	18.677,10
16.09.2019	19:15:00	11.029,73	10.758,24	18.957,66
16.09.2019	19:30:00	11.240,98	11.041,64	19.143,58
16.09.2019	19:45:00	11.321,19	11.167,67	19.319,04
16.09.2019	20:00:00	11.864,85	11.743,51	19.825,11
16.09.2019	20:15:00	11.894,14	11.781,18	19.768,39
16.09.2019	20:30:00	11.834,34	11.654,12	19.385,46
16.09.2019	20:45:00	11.335,84	11.159,25	18.771,58
16.09.2019	21:00:00	11.086,81	10.902,26	18.484,82
16.09.2019	21:15:00	10.906,73	10.671,60	17.950,05
16.09.2019	21:30:00	10.875,49	10.646,25	17.856,23
16.09.2019	21:45:00	10.360,25	10.159,42	17.036,74
16.09.2019	22:00:00	9.876,07	9.655,53	16.323,46
16.09.2019	22:15:00	9.628,55	9.382,28	15.588,53
16.09.2019	22:30:00	9.245,50	8.997,72	14.902,24
16.09.2019	22:45:00	8.885,62	8.648,35	14.158,56
16.09.2019	23:00:00	8.471,31	8.266,59	13.747,10
16.09.2019	23:15:00	7.936,17	7.799,44	13.097,29
16.09.2019	23:30:00	7.503,35	7.331,34	12.523,68
16.09.2019	23:45:00	7.007,76	6.791,42	11.991,16
17.09.2019	00:00:00	6.713,46	6.475,55	11.781,91
17.09.2019	00:15:00	6.341,58	6.074,33	11.318,16
17.09.2019	00:30:00	6.076,81	5.830,69	11.294,44
17.09.2019	00:45:00	5.872,29	5.631,65	10.922,28
17.09.2019	01:00:00	5.733,79	5.457,67	10.702,45
17.09.2019	01:15:00	5.594,53	5.338,44	10.632,81
17.09.2019	01:30:00	5.563,19	5.320,11	10.521,21
17.09.2019	01:45:00	5.484,59	5.243,13	10.327,04
17.09.2019	02:00:00	5.457,87	5.231,56	10.215,70
17.09.2019	02:15:00	5.365,69	5.144,93	10.115,24
17.09.2019	02:30:00	5.333,56	5.123,90	10.074,09
17.09.2019	02:45:00	5.244,31	5.084,21	10.071,12
17.09.2019	03:00:00	5.189,87	5.033,15	9.976,97
17.09.2019	03:15:00	5.237,77	5.106,49	10.042,32
17.09.2019	03:30:00	5.255,57	5.111,37	10.017,31
17.09.2019	03:45:00	5.215,74	5.064,83	10.048,75
17.09.2019	04:00:00	5.218,80	5.069,22	10.054,11
17.09.2019	04:15:00	5.322,88	5.175,02	10.195,06
17.09.2019	04:30:00	5.317,09	5.168,78	10.195,46
17.09.2019	04:45:00	5.568,86	5.468,39	10.578,96
17.09.2019	05:00:00	5.713,35	5.606,04	10.910,94
17.09.2019	05:15:00	6.155,43	6.019,37	11.839,69
17.09.2019	05:30:00	6.273,73	6.165,65	12.238,21
17.09.2019	05:45:00	6.673,54	6.596,64	13.248,49
17.09.2019	06:00:00	7.051,27	6.978,03	14.037,98
17.09.2019	06:15:00	7.651,17	7.633,14	16.085,45
17.09.2019	06:30:00	8.370,12	8.340,85	17.552,55
17.09.2019	06:45:00	8.751,73	8.675,53	18.588,59
17.09.2019	07:00:00	9.024,98	8.765,95	19.188,19
17.09.2019	07:15:00	9.087,62	8.822,19	19.782,05
17.09.2019	07:30:00	9.350,79	9.059,36	20.496,58
17.09.2019	07:45:00	9.473,59	9.110,30	20.894,85
17.09.2019	08:00:00	9.651,88	9.191,06	21.116,67
17.09.2019	08:15:00	9.887,68	9.509,91	21.536,18
17.09.2019	08:30:00	9.928,07	9.599,76	22.048,97
17.09.2019	08:45:00	10.083,33	9.655,46	22.235,70
17.09.2019	09:00:00	10.294,29	9.860,35	22.616,62
17.09.2019	09:15:00	10.467,70	10.050,21	22.173,96
17.09.2019	09:30:00	10.606,17	10.246,63	22.428,52
17.09.2019	09:45:00	10.918,54	10.602,30	23.308,89
17.09.2019	10:00:00	10.962,79	10.435,54	23.344,96
17.09.2019	10:15:00	11.086,50	10.455,04	23.302,02
17.09.2019	10:30:00	11.245,75	10.489,07	23.224,98
17.09.2019	10:45:00	11.248,31	10.592,31	23.506,97
17.09.2019	11:00:00	11.369,32	10.735,45	23.949,54
17.09.2019	11:15:00	11.467,73	10.473,27	23.441,22
17.09.2019	11:30:00	11.548,99	10.598,69	23.647,88
17.09.2019	11:45:00	11.697,77	10.791,24	23.840,42
17.09.2019	12:00:00	11.799,19	10.468,28	23.411,83
17.09.2019	12:15:00	11.833,42	10.729,45	23.087,37
17.09.2019	12:30:00	11.508,04	10.106,81	21.812,55

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.09.2019	12:45:00	9.967,72	7.480,71	18.954,77
17.09.2019	13:00:00	11.237,27	7.948,88	19.782,41
17.09.2019	13:15:00	11.422,78	9.552,38	21.597,72
17.09.2019	13:30:00	10.924,46	9.542,23	21.715,67
17.09.2019	13:45:00	10.701,36	8.612,08	20.881,97
17.09.2019	14:00:00	10.611,88	8.482,33	20.597,55
17.09.2019	14:15:00	11.196,41	9.148,21	21.146,93
17.09.2019	14:30:00	10.344,67	8.278,79	20.065,03
17.09.2019	14:45:00	10.410,33	7.547,33	18.948,81
17.09.2019	15:00:00	10.829,08	7.544,97	18.887,84
17.09.2019	15:15:00	10.587,05	7.705,31	18.918,15
17.09.2019	15:30:00	9.705,11	7.796,04	18.704,46
17.09.2019	15:45:00	10.121,29	7.718,80	18.348,90
17.09.2019	16:00:00	11.245,90	7.747,10	18.151,98
17.09.2019	16:15:00	10.648,05	7.996,86	18.041,93
17.09.2019	16:30:00	10.805,47	8.449,99	18.273,82
17.09.2019	16:45:00	10.279,56	8.232,77	18.043,56
17.09.2019	17:00:00	10.038,69	8.003,71	17.352,63
17.09.2019	17:15:00	11.065,38	8.198,79	17.423,34
17.09.2019	17:30:00	10.267,54	9.191,52	18.275,74
17.09.2019	17:45:00	10.631,36	9.274,31	18.173,20
17.09.2019	18:00:00	11.822,31	9.376,95	18.278,76
17.09.2019	18:15:00	11.761,59	9.697,40	18.311,05
17.09.2019	18:30:00	11.206,43	9.815,15	18.107,54
17.09.2019	18:45:00	10.730,83	9.924,95	18.230,01
17.09.2019	19:00:00	10.729,86	10.101,15	18.573,36
17.09.2019	19:15:00	10.948,10	10.442,57	18.743,46
17.09.2019	19:30:00	10.975,91	10.585,00	19.064,39
17.09.2019	19:45:00	11.217,46	10.898,24	19.485,96
17.09.2019	20:00:00	11.781,65	11.619,52	20.065,35
17.09.2019	20:15:00	12.217,74	12.035,82	20.352,78
17.09.2019	20:30:00	11.969,09	11.753,83	19.782,16
17.09.2019	20:45:00	11.704,07	11.483,01	19.344,73
17.09.2019	21:00:00	11.321,17	11.097,64	18.731,14
17.09.2019	21:15:00	10.969,96	10.750,48	18.284,78
17.09.2019	21:30:00	11.059,83	10.844,98	18.302,38
17.09.2019	21:45:00	10.530,22	10.305,61	17.735,14
17.09.2019	22:00:00	10.068,28	9.838,21	16.821,51
17.09.2019	22:15:00	9.728,84	9.505,10	16.220,71
17.09.2019	22:30:00	9.229,13	9.039,21	15.359,98
17.09.2019	22:45:00	8.884,92	8.690,78	14.590,04
17.09.2019	23:00:00	8.487,07	8.295,62	14.044,26
17.09.2019	23:15:00	8.025,97	7.774,83	13.332,32
17.09.2019	23:30:00	7.567,63	7.298,82	12.846,34
17.09.2019	23:45:00	7.150,57	6.881,40	12.322,61
18.09.2019	00:00:00	6.842,83	6.577,58	11.885,74
18.09.2019	00:15:00	6.464,89	6.204,66	11.421,92
18.09.2019	00:30:00	6.173,58	5.922,50	11.140,57
18.09.2019	00:45:00	6.024,24	5.761,14	10.768,14
18.09.2019	01:00:00	5.895,48	5.720,49	10.746,92
18.09.2019	01:15:00	5.775,09	5.629,54	10.665,96
18.09.2019	01:30:00	5.683,51	5.500,53	10.430,04
18.09.2019	01:45:00	5.667,10	5.443,19	10.227,13
18.09.2019	02:00:00	5.627,52	5.397,19	10.108,65
18.09.2019	02:15:00	5.568,90	5.366,13	9.949,34
18.09.2019	02:30:00	5.510,28	5.278,79	9.884,60
18.09.2019	02:45:00	5.475,51	5.138,00	9.766,58
18.09.2019	03:00:00	5.426,85	5.026,23	9.691,63
18.09.2019	03:15:00	5.491,53	5.099,13	9.830,50
18.09.2019	03:30:00	5.544,33	5.155,60	9.880,79
18.09.2019	03:45:00	5.502,71	5.120,10	9.802,56
18.09.2019	04:00:00	5.611,42	5.239,24	10.017,30
18.09.2019	04:15:00	5.852,23	5.487,46	10.202,78
18.09.2019	04:30:00	5.896,54	5.513,10	10.438,70
18.09.2019	04:45:00	5.981,62	5.592,07	10.494,76
18.09.2019	05:00:00	6.183,50	5.861,52	10.873,84
18.09.2019	05:15:00	6.349,60	6.106,41	11.521,13
18.09.2019	05:30:00	6.546,79	6.317,38	12.152,64
18.09.2019	05:45:00	6.928,08	6.709,08	12.915,82
18.09.2019	06:00:00	7.289,63	7.074,42	13.954,52
18.09.2019	06:15:00	7.947,69	7.691,87	15.891,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.09.2019	06:30:00	8.468,71	8.079,99	17.217,91
18.09.2019	06:45:00	8.799,56	8.432,52	18.170,69
18.09.2019	07:00:00	8.818,19	8.508,11	19.081,01
18.09.2019	07:15:00	9.017,06	8.703,56	19.428,43
18.09.2019	07:30:00	9.043,80	8.639,11	19.767,19
18.09.2019	07:45:00	9.061,69	8.564,92	19.578,96
18.09.2019	08:00:00	9.217,57	8.708,30	20.178,18
18.09.2019	08:15:00	9.080,21	8.521,43	20.055,95
18.09.2019	08:30:00	9.007,87	8.359,59	20.021,90
18.09.2019	08:45:00	8.898,09	7.980,03	19.687,97
18.09.2019	09:00:00	9.082,78	7.873,35	19.533,55
18.09.2019	09:15:00	8.941,91	7.440,16	18.069,99
18.09.2019	09:30:00	9.005,12	7.124,73	17.950,98
18.09.2019	09:45:00	9.462,45	7.185,96	18.709,52
18.09.2019	10:00:00	9.476,31	6.783,02	18.504,63
18.09.2019	10:15:00	9.610,61	6.530,14	18.047,26
18.09.2019	10:30:00	9.852,48	6.342,01	18.072,04
18.09.2019	10:45:00	9.664,52	5.810,40	17.662,70
18.09.2019	11:00:00	9.981,94	5.848,88	17.658,86
18.09.2019	11:15:00	10.130,09	5.713,74	17.540,32
18.09.2019	11:30:00	10.413,07	5.762,97	17.598,28
18.09.2019	11:45:00	10.534,68	5.577,54	17.375,60
18.09.2019	12:00:00	10.733,15	5.637,30	17.219,59
18.09.2019	12:15:00	10.861,67	5.761,08	17.047,12
18.09.2019	12:30:00	10.928,78	5.504,02	16.342,20
18.09.2019	12:45:00	10.741,84	5.171,60	16.309,70
18.09.2019	13:00:00	10.618,76	4.898,02	16.419,25
18.09.2019	13:15:00	10.610,27	4.794,77	16.364,31
18.09.2019	13:30:00	10.561,05	4.728,96	16.493,54
18.09.2019	13:45:00	10.534,99	4.692,78	16.605,52
18.09.2019	14:00:00	10.501,59	4.614,72	16.504,88
18.09.2019	14:15:00	10.474,22	4.630,64	16.107,24
18.09.2019	14:30:00	10.343,81	4.564,26	15.943,79
18.09.2019	14:45:00	10.392,53	4.689,22	15.916,99
18.09.2019	15:00:00	10.434,08	4.816,79	16.091,73
18.09.2019	15:15:00	11.057,65	5.822,90	16.877,22
18.09.2019	15:30:00	10.480,99	7.108,63	18.091,19
18.09.2019	15:45:00	10.390,05	5.650,93	16.278,89
18.09.2019	16:00:00	10.851,15	5.798,21	16.003,36
18.09.2019	16:15:00	10.739,31	6.265,08	16.006,19
18.09.2019	16:30:00	10.934,89	7.380,46	17.081,83
18.09.2019	16:45:00	10.832,80	8.463,93	18.061,62
18.09.2019	17:00:00	10.678,42	8.141,98	17.366,02
18.09.2019	17:15:00	11.657,11	7.842,40	16.657,95
18.09.2019	17:30:00	11.344,81	8.141,26	16.863,68
18.09.2019	17:45:00	11.441,39	8.593,13	17.208,83
18.09.2019	18:00:00	11.614,13	9.086,52	17.617,30
18.09.2019	18:15:00	11.489,89	9.539,38	17.727,13
18.09.2019	18:30:00	11.133,55	10.092,41	18.125,45
18.09.2019	18:45:00	10.750,40	10.165,67	18.236,04
18.09.2019	19:00:00	10.816,33	10.411,19	18.651,38
18.09.2019	19:15:00	10.856,22	10.609,11	18.831,55
18.09.2019	19:30:00	10.948,21	10.800,85	18.941,09
18.09.2019	19:45:00	11.244,67	11.135,24	19.390,58
18.09.2019	20:00:00	11.588,79	11.475,45	19.617,38
18.09.2019	20:15:00	12.080,81	11.971,68	19.909,85
18.09.2019	20:30:00	12.125,09	12.009,90	19.726,56
18.09.2019	20:45:00	11.786,94	11.497,57	19.087,96
18.09.2019	21:00:00	11.325,35	10.941,24	18.403,89
18.09.2019	21:15:00	11.088,36	10.702,18	18.020,30
18.09.2019	21:30:00	11.158,37	10.771,19	18.021,68
18.09.2019	21:45:00	10.670,28	10.276,03	17.222,28
18.09.2019	22:00:00	10.130,57	9.735,23	16.408,77
18.09.2019	22:15:00	9.646,74	9.238,16	15.661,58
18.09.2019	22:30:00	9.535,80	9.119,91	15.341,01
18.09.2019	22:45:00	9.148,23	8.742,56	14.511,50
18.09.2019	23:00:00	8.704,20	8.298,66	13.937,42
18.09.2019	23:15:00	8.318,02	8.076,50	13.566,85
18.09.2019	23:30:00	7.753,61	7.538,98	12.857,53
18.09.2019	23:45:00	7.361,62	7.099,77	12.256,37
19.09.2019	00:00:00	7.053,80	6.874,79	11.866,02

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.09.2019	00:15:00	6.652,29	6.505,81	11.324,61
19.09.2019	00:30:00	6.395,10	6.260,49	10.998,78
19.09.2019	00:45:00	6.083,02	5.945,53	10.593,16
19.09.2019	01:00:00	5.992,74	5.819,15	10.484,39
19.09.2019	01:15:00	6.008,02	5.819,83	10.551,68
19.09.2019	01:30:00	5.818,58	5.655,97	10.244,16
19.09.2019	01:45:00	5.665,21	5.525,29	10.253,84
19.09.2019	02:00:00	5.638,04	5.507,11	10.207,59
19.09.2019	02:15:00	5.557,95	5.416,66	10.034,00
19.09.2019	02:30:00	5.578,08	5.387,49	9.986,12
19.09.2019	02:45:00	5.528,00	5.358,11	9.825,92
19.09.2019	03:00:00	5.542,50	5.401,26	9.951,84
19.09.2019	03:15:00	5.652,28	5.510,14	9.794,62
19.09.2019	03:30:00	5.605,63	5.465,63	9.817,80
19.09.2019	03:45:00	5.725,21	5.559,59	9.907,90
19.09.2019	04:00:00	5.724,56	5.535,48	9.843,88
19.09.2019	04:15:00	5.816,26	5.657,20	10.075,38
19.09.2019	04:30:00	6.054,28	5.801,96	10.320,36
19.09.2019	04:45:00	6.027,66	5.779,61	10.466,48
19.09.2019	05:00:00	6.161,84	5.926,02	10.777,66
19.09.2019	05:15:00	6.608,34	6.352,01	11.661,54
19.09.2019	05:30:00	6.570,84	6.339,41	12.015,88
19.09.2019	05:45:00	7.090,68	6.907,41	12.931,68
19.09.2019	06:00:00	7.402,17	7.232,80	13.938,38
19.09.2019	06:15:00	7.977,73	7.821,52	15.988,54
19.09.2019	06:30:00	8.761,94	8.540,66	17.332,08
19.09.2019	06:45:00	8.980,42	8.606,43	17.747,91
19.09.2019	07:00:00	9.252,96	9.017,44	18.786,51
19.09.2019	07:15:00	9.472,17	9.263,91	19.497,90
19.09.2019	07:30:00	9.514,08	9.231,03	20.179,94
19.09.2019	07:45:00	9.657,60	9.274,76	20.572,76
19.09.2019	08:00:00	9.620,59	9.142,37	20.935,98
19.09.2019	08:15:00	9.313,01	8.693,37	20.701,66
19.09.2019	08:30:00	9.198,06	8.483,72	20.519,93
19.09.2019	08:45:00	9.209,22	8.278,89	20.349,20
19.09.2019	09:00:00	9.044,68	7.818,08	19.885,21
19.09.2019	09:15:00	9.098,67	7.555,45	18.926,96
19.09.2019	09:30:00	9.196,25	7.278,14	18.679,11
19.09.2019	09:45:00	9.625,65	7.321,14	19.019,27
19.09.2019	10:00:00	9.780,47	7.074,22	18.987,08
19.09.2019	10:15:00	9.805,62	6.706,46	18.496,86
19.09.2019	10:30:00	9.968,46	6.499,35	18.392,69
19.09.2019	10:45:00	9.890,41	6.064,55	18.130,50
19.09.2019	11:00:00	9.953,77	5.785,89	18.031,93
19.09.2019	11:15:00	10.183,08	5.733,30	18.433,30
19.09.2019	11:30:00	10.347,70	5.629,13	18.370,70
19.09.2019	11:45:00	10.570,11	5.603,97	18.209,56
19.09.2019	12:00:00	10.812,04	5.642,06	18.186,71
19.09.2019	12:15:00	11.083,87	5.712,02	17.838,12
19.09.2019	12:30:00	10.919,58	5.376,29	16.957,68
19.09.2019	12:45:00	10.989,82	5.235,92	17.101,20
19.09.2019	13:00:00	11.163,77	5.255,73	17.312,76
19.09.2019	13:15:00	8.513,93	5.294,11	17.561,55
19.09.2019	13:30:00	9.981,99	4.918,33	17.092,71
19.09.2019	13:45:00	9.980,57	5.566,73	17.796,12
19.09.2019	14:00:00	10.970,64	5.282,51	17.179,22
19.09.2019	14:15:00	10.459,20	4.711,99	16.553,88
19.09.2019	14:30:00	10.411,56	4.696,02	16.269,80
19.09.2019	14:45:00	10.468,05	4.772,00	16.037,80
19.09.2019	15:00:00	10.418,40	4.742,76	16.147,66
19.09.2019	15:15:00	10.678,06	5.070,97	16.076,96
19.09.2019	15:30:00	10.707,03	5.219,58	16.013,91
19.09.2019	15:45:00	10.798,66	5.435,93	15.903,01
19.09.2019	16:00:00	10.844,90	5.657,75	15.848,85
19.09.2019	16:15:00	10.964,90	6.019,95	15.781,29
19.09.2019	16:30:00	11.045,88	6.473,72	15.954,54
19.09.2019	16:45:00	11.245,90	6.827,40	16.107,26
19.09.2019	17:00:00	11.404,55	7.335,05	16.167,36
19.09.2019	17:15:00	11.551,61	7.814,79	16.502,18
19.09.2019	17:30:00	11.622,95	8.247,03	16.818,87
19.09.2019	17:45:00	11.807,58	8.830,87	17.209,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.09.2019	18:00:00	11.889,29	9.332,54	17.617,17
19.09.2019	18:15:00	11.481,25	9.635,95	17.799,59
19.09.2019	18:30:00	10.881,35	9.761,84	17.612,02
19.09.2019	18:45:00	10.743,15	9.802,33	17.621,07
19.09.2019	19:00:00	10.885,15	10.162,64	17.863,90
19.09.2019	19:15:00	11.029,39	10.543,86	18.218,18
19.09.2019	19:30:00	11.205,93	10.849,32	18.715,56
19.09.2019	19:45:00	11.618,73	11.255,02	18.912,95
19.09.2019	20:00:00	12.108,13	11.740,24	19.223,72
19.09.2019	20:15:00	12.356,74	11.979,15	19.420,28
19.09.2019	20:30:00	12.229,06	11.855,78	19.028,85
19.09.2019	20:45:00	11.813,50	11.427,10	18.399,27
19.09.2019	21:00:00	11.563,75	11.176,30	18.173,68
19.09.2019	21:15:00	11.277,64	10.886,64	17.696,84
19.09.2019	21:30:00	11.218,00	10.837,79	17.428,00
19.09.2019	21:45:00	10.691,06	10.287,88	16.793,94
19.09.2019	22:00:00	10.356,19	9.981,73	16.290,22
19.09.2019	22:15:00	9.936,32	9.561,26	15.644,94
19.09.2019	22:30:00	9.640,16	9.261,74	15.080,58
19.09.2019	22:45:00	9.169,77	8.777,87	14.307,41
19.09.2019	23:00:00	8.752,35	8.355,15	13.645,00
19.09.2019	23:15:00	8.415,20	7.979,63	13.103,16
19.09.2019	23:30:00	7.947,11	7.495,37	12.522,12
19.09.2019	23:45:00	7.520,33	7.063,42	12.025,98
20.09.2019	00:00:00	7.177,89	6.756,29	11.545,15
20.09.2019	00:15:00	6.698,71	6.293,62	11.070,48
20.09.2019	00:30:00	6.387,56	5.978,93	10.825,02
20.09.2019	00:45:00	6.248,48	5.808,13	10.553,78
20.09.2019	01:00:00	5.985,03	5.514,50	10.343,68
20.09.2019	01:15:00	5.948,46	5.516,83	10.362,52
20.09.2019	01:30:00	5.870,43	5.448,55	10.273,27
20.09.2019	01:45:00	5.736,73	5.322,11	10.183,24
20.09.2019	02:00:00	5.751,75	5.348,83	10.214,98
20.09.2019	02:15:00	5.622,13	5.205,41	9.994,24
20.09.2019	02:30:00	5.649,15	5.176,54	9.893,85
20.09.2019	02:45:00	5.598,83	5.125,62	9.744,40
20.09.2019	03:00:00	5.549,50	5.124,71	9.710,77
20.09.2019	03:15:00	5.598,36	5.178,80	9.730,10
20.09.2019	03:30:00	5.626,25	5.207,76	9.681,93
20.09.2019	03:45:00	5.698,23	5.278,44	9.916,32
20.09.2019	04:00:00	5.794,10	5.337,96	9.871,57
20.09.2019	04:15:00	5.794,82	5.324,16	9.947,43
20.09.2019	04:30:00	6.048,77	5.617,55	10.284,06
20.09.2019	04:45:00	6.108,33	5.692,63	10.517,46
20.09.2019	05:00:00	6.234,59	5.829,77	10.937,92
20.09.2019	05:15:00	6.661,92	6.284,52	11.765,03
20.09.2019	05:30:00	6.768,15	6.395,13	12.191,61
20.09.2019	05:45:00	7.133,19	6.901,48	12.880,33
20.09.2019	06:00:00	7.532,46	7.244,34	13.912,10
20.09.2019	06:15:00	8.033,39	7.792,40	15.814,66
20.09.2019	06:30:00	8.749,95	8.526,63	17.222,03
20.09.2019	06:45:00	9.389,73	9.143,61	18.339,35
20.09.2019	07:00:00	9.408,24	9.005,62	18.816,34
20.09.2019	07:15:00	9.544,94	9.113,41	19.265,51
20.09.2019	07:30:00	9.609,74	9.120,50	19.634,40
20.09.2019	07:45:00	9.707,52	9.161,64	20.021,20
20.09.2019	08:00:00	9.788,60	9.194,36	20.440,96
20.09.2019	08:15:00	9.743,26	9.086,37	20.481,60
20.09.2019	08:30:00	9.609,53	8.897,73	20.469,18
20.09.2019	08:45:00	9.428,47	8.557,50	20.041,95
20.09.2019	09:00:00	9.421,65	8.313,92	20.079,71
20.09.2019	09:15:00	9.661,07	8.315,31	19.381,86
20.09.2019	09:30:00	9.867,53	8.287,19	19.311,00
20.09.2019	09:45:00	9.815,90	7.870,28	19.209,57
20.09.2019	10:00:00	9.995,40	7.764,20	18.925,12
20.09.2019	10:15:00	10.284,89	7.871,19	19.148,42
20.09.2019	10:30:00	10.095,05	7.035,12	18.693,60
20.09.2019	10:45:00	10.435,13	6.940,73	18.931,68
20.09.2019	11:00:00	10.571,35	7.044,43	19.022,76
20.09.2019	11:15:00	10.695,76	6.919,32	18.567,78
20.09.2019	11:30:00	10.772,28	7.050,95	18.825,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.09.2019	11:45:00	11.111,92	7.109,22	18.645,86
20.09.2019	12:00:00	11.178,19	6.472,63	17.647,84
20.09.2019	12:15:00	11.228,09	6.087,29	16.288,72
20.09.2019	12:30:00	11.289,08	7.010,54	16.828,18
20.09.2019	12:45:00	11.140,91	6.519,38	16.512,80
20.09.2019	13:00:00	10.961,93	5.888,12	16.122,90
20.09.2019	13:15:00	10.694,53	5.448,98	15.561,44
20.09.2019	13:30:00	10.587,30	5.407,09	15.443,35
20.09.2019	13:45:00	10.530,63	5.374,06	15.421,71
20.09.2019	14:00:00	10.445,37	5.001,93	14.959,87
20.09.2019	14:15:00	10.375,55	4.917,03	14.633,56
20.09.2019	14:30:00	10.478,20	4.931,91	14.556,94
20.09.2019	14:45:00	10.509,66	5.267,94	14.803,46
20.09.2019	15:00:00	10.556,16	5.545,94	14.920,61
20.09.2019	15:15:00	10.576,71	6.004,99	15.205,66
20.09.2019	15:30:00	10.674,37	6.106,97	15.177,46
20.09.2019	15:45:00	10.583,68	5.867,69	14.782,74
20.09.2019	16:00:00	10.722,96	5.798,85	14.503,39
20.09.2019	16:15:00	10.785,79	6.503,23	14.883,80
20.09.2019	16:30:00	11.113,72	6.235,88	14.430,42
20.09.2019	16:45:00	11.094,23	6.786,79	14.972,04
20.09.2019	17:00:00	11.107,85	7.178,57	15.117,28
20.09.2019	17:15:00	11.397,12	7.560,61	15.196,20
20.09.2019	17:30:00	11.520,05	7.981,59	15.507,29
20.09.2019	17:45:00	11.813,85	8.743,41	16.242,38
20.09.2019	18:00:00	11.621,39	9.238,84	16.626,21
20.09.2019	18:15:00	11.425,74	9.591,38	16.859,98
20.09.2019	18:30:00	10.965,07	9.995,59	17.102,56
20.09.2019	18:45:00	10.865,04	10.243,41	17.249,89
20.09.2019	19:00:00	10.823,53	10.423,09	17.510,18
20.09.2019	19:15:00	10.929,22	10.695,55	17.845,86
20.09.2019	19:30:00	11.125,27	10.927,46	17.939,74
20.09.2019	19:45:00	11.541,58	11.386,33	18.335,58
20.09.2019	20:00:00	12.123,74	11.970,30	18.813,32
20.09.2019	20:15:00	12.277,10	12.057,80	18.689,70
20.09.2019	20:30:00	11.913,53	11.531,00	17.797,18
20.09.2019	20:45:00	11.684,85	11.314,28	17.365,47
20.09.2019	21:00:00	11.391,13	11.012,90	16.877,76
20.09.2019	21:15:00	11.278,59	10.917,61	16.862,16
20.09.2019	21:30:00	11.326,98	11.043,49	16.904,26
20.09.2019	21:45:00	10.773,94	10.483,53	16.399,38
20.09.2019	22:00:00	10.445,16	10.147,94	16.139,37
20.09.2019	22:15:00	10.303,94	9.998,84	15.615,08
20.09.2019	22:30:00	9.994,85	9.683,40	15.374,35
20.09.2019	22:45:00	9.872,82	9.566,19	15.018,60
20.09.2019	23:00:00	9.570,38	9.227,57	14.286,24
20.09.2019	23:15:00	8.954,16	8.587,57	13.547,78
20.09.2019	23:30:00	8.576,95	8.295,14	13.142,48
20.09.2019	23:45:00	8.142,62	7.965,39	12.665,64
21.09.2019	00:00:00	7.673,28	7.493,07	12.190,42
21.09.2019	00:15:00	7.481,93	7.348,12	11.925,97
21.09.2019	00:30:00	7.078,43	6.942,63	11.378,87
21.09.2019	00:45:00	6.716,87	6.558,94	11.090,35
21.09.2019	01:00:00	6.592,54	6.402,12	10.867,81
21.09.2019	01:15:00	6.453,07	6.311,27	10.796,68
21.09.2019	01:30:00	6.245,40	6.109,55	10.701,32
21.09.2019	01:45:00	6.188,26	6.047,75	10.537,64
21.09.2019	02:00:00	6.001,12	5.857,86	10.382,65
21.09.2019	02:15:00	5.951,73	5.806,94	10.075,49
21.09.2019	02:30:00	5.974,40	5.817,59	9.821,02
21.09.2019	02:45:00	5.887,35	5.690,51	9.700,06
21.09.2019	03:00:00	5.925,38	5.729,29	9.685,29
21.09.2019	03:15:00	5.815,80	5.619,11	9.501,18
21.09.2019	03:30:00	5.791,01	5.593,72	9.508,31
21.09.2019	03:45:00	5.961,42	5.765,45	9.517,92
21.09.2019	04:00:00	5.812,22	5.619,98	9.334,83
21.09.2019	04:15:00	5.971,92	5.788,93	9.347,54
21.09.2019	04:30:00	6.084,68	5.896,21	9.429,33
21.09.2019	04:45:00	5.974,81	5.778,75	9.468,34
21.09.2019	05:00:00	6.148,65	5.958,84	9.628,84
21.09.2019	05:15:00	6.247,80	6.072,75	9.834,86

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.09.2019	05:30:00	6.160,83	5.998,97	10.072,52
21.09.2019	05:45:00	6.423,35	6.267,44	10.437,63
21.09.2019	06:00:00	6.555,64	6.423,53	10.558,02
21.09.2019	06:15:00	6.928,62	6.807,87	11.153,10
21.09.2019	06:30:00	7.241,50	6.955,83	11.269,50
21.09.2019	06:45:00	7.354,30	7.034,91	11.428,57
21.09.2019	07:00:00	7.353,68	7.038,12	11.567,84
21.09.2019	07:15:00	7.369,15	7.079,35	11.689,39
21.09.2019	07:30:00	7.741,59	7.283,15	12.007,40
21.09.2019	07:45:00	7.867,99	7.314,87	12.037,90
21.09.2019	08:00:00	8.175,81	7.580,57	12.386,20
21.09.2019	08:15:00	8.250,40	7.594,07	12.356,69
21.09.2019	08:30:00	8.243,94	7.494,70	12.315,11
21.09.2019	08:45:00	8.284,18	7.316,30	12.247,10
21.09.2019	09:00:00	8.446,84	7.200,38	12.238,12
21.09.2019	09:15:00	8.826,65	7.244,37	12.165,70
21.09.2019	09:30:00	8.881,20	6.909,85	11.866,16
21.09.2019	09:45:00	9.219,25	6.865,65	11.772,73
21.09.2019	10:00:00	9.485,83	6.761,19	11.616,43
21.09.2019	10:15:00	9.872,31	6.832,53	11.762,86
21.09.2019	10:30:00	9.878,41	6.497,08	11.410,92
21.09.2019	10:45:00	10.066,08	6.351,61	11.335,45
21.09.2019	11:00:00	10.185,40	6.175,25	11.024,95
21.09.2019	11:15:00	10.198,03	5.892,55	10.775,95
21.09.2019	11:30:00	10.386,98	5.859,80	10.793,55
21.09.2019	11:45:00	10.685,74	5.921,15	10.843,57
21.09.2019	12:00:00	10.867,52	5.889,35	10.884,18
21.09.2019	12:15:00	10.971,47	5.800,60	10.561,81
21.09.2019	12:30:00	10.984,12	5.646,23	10.414,30
21.09.2019	12:45:00	10.740,02	5.306,22	10.123,88
21.09.2019	13:00:00	10.647,05	5.106,02	9.918,86
21.09.2019	13:15:00	10.558,88	5.045,89	9.822,17
21.09.2019	13:30:00	10.537,43	5.103,51	9.814,42
21.09.2019	13:45:00	10.320,45	4.850,65	9.521,26
21.09.2019	14:00:00	10.264,82	4.769,14	9.359,70
21.09.2019	14:15:00	10.128,73	4.612,95	9.160,81
21.09.2019	14:30:00	9.933,07	4.472,11	9.047,13
21.09.2019	14:45:00	9.825,33	4.402,52	8.955,68
21.09.2019	15:00:00	9.881,22	4.489,23	9.030,77
21.09.2019	15:15:00	9.931,01	4.609,05	9.215,28
21.09.2019	15:30:00	9.956,55	4.782,90	9.271,02
21.09.2019	15:45:00	9.874,19	4.954,20	9.474,64
21.09.2019	16:00:00	9.787,21	5.008,13	9.581,78
21.09.2019	16:15:00	9.860,46	5.304,90	9.863,44
21.09.2019	16:30:00	9.885,63	5.522,97	10.147,78
21.09.2019	16:45:00	9.996,14	5.873,41	10.676,18
21.09.2019	17:00:00	10.220,30	6.366,23	11.355,06
21.09.2019	17:15:00	10.386,58	6.837,41	11.793,87
21.09.2019	17:30:00	10.570,53	7.375,23	12.294,68
21.09.2019	17:45:00	10.593,34	7.775,68	12.665,89
21.09.2019	18:00:00	10.493,92	8.235,70	13.129,43
21.09.2019	18:15:00	10.149,39	8.763,18	13.723,97
21.09.2019	18:30:00	9.900,10	9.142,10	14.059,95
21.09.2019	18:45:00	9.919,40	9.367,70	14.249,28
21.09.2019	19:00:00	9.911,33	9.520,94	14.431,58
21.09.2019	19:15:00	10.071,20	9.818,22	14.649,94
21.09.2019	19:30:00	10.367,71	10.224,24	15.068,50
21.09.2019	19:45:00	10.775,36	10.669,62	15.585,97
21.09.2019	20:00:00	11.513,50	11.428,45	16.380,86
21.09.2019	20:15:00	11.515,48	11.458,01	16.309,07
21.09.2019	20:30:00	11.409,99	11.382,51	16.192,02
21.09.2019	20:45:00	11.331,96	11.244,79	15.856,04
21.09.2019	21:00:00	10.800,54	10.667,98	15.207,68
21.09.2019	21:15:00	10.778,94	10.644,21	15.112,05
21.09.2019	21:30:00	10.586,69	10.348,33	14.751,19
21.09.2019	21:45:00	10.162,44	9.919,47	14.286,35
21.09.2019	22:00:00	9.842,57	9.598,44	13.898,75
21.09.2019	22:15:00	9.628,92	9.378,32	13.632,17
21.09.2019	22:30:00	9.406,75	9.146,17	13.305,22
21.09.2019	22:45:00	9.373,09	9.107,85	13.081,42
21.09.2019	23:00:00	9.163,52	8.895,24	12.691,07

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.09.2019	23:15:00	8.738,03	8.484,24	12.262,91
21.09.2019	23:30:00	8.238,40	8.072,67	11.849,07
21.09.2019	23:45:00	7.914,27	7.746,36	11.490,43
22.09.2019	00:00:00	7.539,75	7.379,97	11.052,86
22.09.2019	00:15:00	7.123,14	6.960,65	10.496,94
22.09.2019	00:30:00	6.739,98	6.573,46	10.178,92
22.09.2019	00:45:00	6.609,70	6.442,13	9.911,00
22.09.2019	01:00:00	6.418,47	6.247,56	9.771,68
22.09.2019	01:15:00	6.291,81	6.109,02	9.646,72
22.09.2019	01:30:00	6.128,00	5.944,57	9.367,51
22.09.2019	01:45:00	5.936,23	5.751,87	9.121,32
22.09.2019	02:00:00	5.922,95	5.738,51	9.104,87
22.09.2019	02:15:00	5.865,27	5.680,03	9.016,78
22.09.2019	02:30:00	5.789,33	5.602,85	8.993,40
22.09.2019	02:45:00	5.760,09	5.573,76	8.946,19
22.09.2019	03:00:00	5.614,11	5.426,23	8.747,76
22.09.2019	03:15:00	5.569,20	5.389,86	8.696,57
22.09.2019	03:30:00	5.526,98	5.339,34	8.632,02
22.09.2019	03:45:00	5.392,51	5.203,36	8.637,43
22.09.2019	04:00:00	5.588,63	5.401,44	8.738,42
22.09.2019	04:15:00	5.643,58	5.478,77	8.753,18
22.09.2019	04:30:00	5.637,37	5.500,33	8.801,06
22.09.2019	04:45:00	5.640,66	5.502,60	8.735,60
22.09.2019	05:00:00	5.559,70	5.390,44	8.709,96
22.09.2019	05:15:00	5.758,37	5.573,09	8.941,25
22.09.2019	05:30:00	5.714,12	5.529,35	8.911,84
22.09.2019	05:45:00	5.722,73	5.538,51	8.973,23
22.09.2019	06:00:00	5.889,54	5.722,94	9.242,09
22.09.2019	06:15:00	6.059,96	5.895,26	9.544,30
22.09.2019	06:30:00	6.271,02	6.106,21	9.749,93
22.09.2019	06:45:00	6.243,70	5.891,87	9.563,48
22.09.2019	07:00:00	6.123,25	5.760,25	9.418,41
22.09.2019	07:15:00	6.219,48	5.854,03	9.370,86
22.09.2019	07:30:00	6.359,13	5.970,15	9.435,11
22.09.2019	07:45:00	6.607,40	6.164,05	9.627,24
22.09.2019	08:00:00	6.910,92	6.407,71	9.985,42
22.09.2019	08:15:00	7.160,26	6.583,54	10.235,83
22.09.2019	08:30:00	7.120,75	6.372,62	9.910,93
22.09.2019	08:45:00	7.262,07	6.128,40	9.619,74
22.09.2019	09:00:00	7.611,77	6.028,30	9.588,07
22.09.2019	09:15:00	8.444,84	7.082,12	10.605,38
22.09.2019	09:30:00	8.810,40	7.290,03	10.980,77
22.09.2019	09:45:00	9.165,80	7.637,41	11.431,26
22.09.2019	10:00:00	9.479,12	7.965,93	11.782,96
22.09.2019	10:15:00	9.917,94	8.343,05	12.176,24
22.09.2019	10:30:00	10.195,21	8.584,11	12.417,37
22.09.2019	10:45:00	10.284,55	8.278,78	12.087,08
22.09.2019	11:00:00	10.415,31	7.581,46	11.337,92
22.09.2019	11:15:00	10.489,63	6.995,44	10.738,50
22.09.2019	11:30:00	10.365,68	6.768,66	10.527,69
22.09.2019	11:45:00	10.345,08	6.765,39	10.464,20
22.09.2019	12:00:00	10.792,99	6.092,32	9.741,26
22.09.2019	12:15:00	10.733,01	5.840,73	9.550,56
22.09.2019	12:30:00	10.444,80	5.502,74	9.103,70
22.09.2019	12:45:00	10.388,33	5.944,04	9.562,14
22.09.2019	13:00:00	10.369,53	6.639,80	10.337,36
22.09.2019	13:15:00	10.541,95	6.234,74	9.986,47
22.09.2019	13:30:00	9.978,48	6.194,63	9.968,47
22.09.2019	13:45:00	10.096,57	4.762,76	8.481,03
22.09.2019	14:00:00	10.135,85	5.194,76	8.950,53
22.09.2019	14:15:00	9.226,25	6.205,80	9.961,67
22.09.2019	14:30:00	9.376,17	7.087,49	10.855,68
22.09.2019	14:45:00	9.166,35	6.812,60	10.579,61
22.09.2019	15:00:00	8.921,07	6.569,00	10.291,74
22.09.2019	15:15:00	8.912,63	5.664,07	9.489,76
22.09.2019	15:30:00	8.757,49	6.030,84	9.741,21
22.09.2019	15:45:00	8.741,57	6.997,82	10.670,60
22.09.2019	16:00:00	9.105,27	6.735,68	10.526,40
22.09.2019	16:15:00	8.749,47	6.820,30	10.626,71
22.09.2019	16:30:00	9.020,61	6.636,11	10.526,05
22.09.2019	16:45:00	8.752,83	6.846,10	10.737,04

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.09.2019	17:00:00	8.999,62	7.352,33	11.294,61
22.09.2019	17:15:00	9.126,29	7.625,89	11.536,24
22.09.2019	17:30:00	9.394,46	7.791,62	11.768,18
22.09.2019	17:45:00	9.528,28	8.359,71	12.314,19
22.09.2019	18:00:00	9.643,45	8.721,61	12.629,72
22.09.2019	18:15:00	9.821,65	8.850,56	12.745,62
22.09.2019	18:30:00	9.954,69	9.221,61	13.129,73
22.09.2019	18:45:00	10.048,71	9.521,65	13.476,28
22.09.2019	19:00:00	10.290,13	9.837,51	13.793,70
22.09.2019	19:15:00	10.577,27	10.239,85	14.185,43
22.09.2019	19:30:00	10.746,68	10.601,19	14.542,90
22.09.2019	19:45:00	11.439,29	11.363,47	15.555,21
22.09.2019	20:00:00	11.906,40	11.827,10	16.255,34
22.09.2019	20:15:00	11.857,60	11.743,72	16.158,29
22.09.2019	20:30:00	11.673,06	11.550,39	15.895,12
22.09.2019	20:45:00	11.360,62	11.246,13	15.565,42
22.09.2019	21:00:00	11.044,35	10.910,15	15.225,34
22.09.2019	21:15:00	10.887,60	10.756,93	15.000,97
22.09.2019	21:30:00	10.754,14	10.621,64	14.832,81
22.09.2019	21:45:00	10.196,02	10.062,98	14.293,04
22.09.2019	22:00:00	9.825,24	9.698,49	13.952,86
22.09.2019	22:15:00	9.388,81	9.308,43	13.654,76
22.09.2019	22:30:00	9.057,93	8.971,07	13.463,23
22.09.2019	22:45:00	8.850,23	8.710,84	13.102,84
22.09.2019	23:00:00	8.569,13	8.420,91	12.780,20
22.09.2019	23:15:00	8.069,41	7.911,43	12.261,14
22.09.2019	23:30:00	7.619,30	7.447,11	11.852,03
22.09.2019	23:45:00	7.212,68	7.036,78	11.460,82
23.09.2019	00:00:00	6.842,70	6.672,28	11.071,26
23.09.2019	00:15:00	6.483,77	6.310,79	10.738,77
23.09.2019	00:30:00	6.176,50	6.009,03	10.475,00
23.09.2019	00:45:00	5.930,49	5.773,20	10.161,21
23.09.2019	01:00:00	5.796,10	5.638,63	10.146,82
23.09.2019	01:15:00	5.687,33	5.521,02	9.999,34
23.09.2019	01:30:00	5.675,62	5.532,72	9.886,62
23.09.2019	01:45:00	5.559,76	5.434,65	9.486,74
23.09.2019	02:00:00	5.460,83	5.346,12	9.333,20
23.09.2019	02:15:00	5.353,06	5.219,19	9.178,08
23.09.2019	02:30:00	5.282,39	5.101,47	9.210,38
23.09.2019	02:45:00	5.298,27	5.117,59	9.315,60
23.09.2019	03:00:00	5.293,37	5.088,13	9.334,45
23.09.2019	03:15:00	5.280,35	4.991,83	9.289,26
23.09.2019	03:30:00	5.317,35	5.027,27	9.334,70
23.09.2019	03:45:00	5.372,59	5.083,09	9.474,82
23.09.2019	04:00:00	5.362,13	5.086,38	9.555,50
23.09.2019	04:15:00	5.452,89	5.211,12	9.692,30
23.09.2019	04:30:00	5.658,26	5.419,83	9.872,46
23.09.2019	04:45:00	5.769,16	5.487,26	10.053,74
23.09.2019	05:00:00	5.857,27	5.568,48	10.296,57
23.09.2019	05:15:00	6.339,51	6.106,23	11.385,58
23.09.2019	05:30:00	6.637,31	6.485,94	12.050,07
23.09.2019	05:45:00	7.029,89	6.907,91	13.021,69
23.09.2019	06:00:00	7.315,16	7.212,56	14.073,75
23.09.2019	06:15:00	7.962,81	7.865,44	16.202,61
23.09.2019	06:30:00	8.597,81	8.520,34	17.830,02
23.09.2019	06:45:00	9.007,71	8.923,55	18.759,30
23.09.2019	07:00:00	9.508,19	9.453,17	19.905,29
23.09.2019	07:15:00	9.970,25	9.852,53	20.879,41
23.09.2019	07:30:00	9.707,58	9.459,27	20.912,15
23.09.2019	07:45:00	10.045,31	9.887,98	21.594,68
23.09.2019	08:00:00	10.380,11	10.214,16	22.323,54
23.09.2019	08:15:00	10.604,30	10.362,77	22.791,81
23.09.2019	08:30:00	10.556,04	10.098,07	22.671,56
23.09.2019	08:45:00	10.549,43	10.024,97	22.964,55
23.09.2019	09:00:00	10.660,38	10.056,23	22.961,47
23.09.2019	09:15:00	10.947,06	10.333,06	22.417,73
23.09.2019	09:30:00	10.905,15	10.150,05	22.201,02
23.09.2019	09:45:00	11.134,35	10.579,27	23.184,77
23.09.2019	10:00:00	11.474,89	11.086,68	23.987,25
23.09.2019	10:15:00	11.748,96	11.431,86	24.454,92
23.09.2019	10:30:00	11.939,55	11.452,79	24.409,47

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.09.2019	10:45:00	12.045,85	11.567,23	24.728,48
23.09.2019	11:00:00	12.202,93	11.792,42	25.028,15
23.09.2019	11:15:00	12.331,66	11.588,29	24.468,05
23.09.2019	11:30:00	12.352,05	11.817,52	25.041,47
23.09.2019	11:45:00	12.795,93	12.134,67	25.232,00
23.09.2019	12:00:00	12.840,40	11.870,67	24.770,36
23.09.2019	12:15:00	12.776,99	11.456,49	23.505,96
23.09.2019	12:30:00	12.479,83	11.008,24	22.810,28
23.09.2019	12:45:00	12.174,58	10.712,90	22.578,52
23.09.2019	13:00:00	12.022,77	10.203,62	22.039,47
23.09.2019	13:15:00	11.722,66	10.273,50	22.237,27
23.09.2019	13:30:00	11.904,65	10.397,95	22.515,72
23.09.2019	13:45:00	11.548,51	10.320,12	22.323,96
23.09.2019	14:00:00	11.632,41	10.418,81	22.568,57
23.09.2019	14:15:00	11.318,59	10.013,70	22.024,94
23.09.2019	14:30:00	11.198,34	10.181,79	21.861,00
23.09.2019	14:45:00	11.522,54	9.757,37	21.525,17
23.09.2019	15:00:00	11.146,31	8.833,42	20.435,88
23.09.2019	15:15:00	11.244,48	7.557,12	18.628,85
23.09.2019	15:30:00	11.209,34	7.044,98	17.809,38
23.09.2019	15:45:00	11.198,50	7.779,17	18.415,37
23.09.2019	16:00:00	10.985,43	8.123,19	18.568,30
23.09.2019	16:15:00	10.746,76	8.646,44	18.618,37
23.09.2019	16:30:00	10.881,18	8.530,39	18.203,90
23.09.2019	16:45:00	10.583,18	8.502,59	18.036,54
23.09.2019	17:00:00	10.287,08	9.062,18	18.442,82
23.09.2019	17:15:00	10.402,51	9.315,48	18.523,17
23.09.2019	17:30:00	10.382,56	9.338,94	18.351,06
23.09.2019	17:45:00	11.218,26	9.375,62	18.242,01
23.09.2019	18:00:00	11.863,16	9.605,51	18.390,69
23.09.2019	18:15:00	11.223,05	10.201,41	18.732,16
23.09.2019	18:30:00	11.375,55	10.614,08	18.879,79
23.09.2019	18:45:00	11.488,69	10.826,42	18.945,34
23.09.2019	19:00:00	11.455,84	10.863,55	18.926,50
23.09.2019	19:15:00	11.594,93	11.168,29	19.248,22
23.09.2019	19:30:00	11.960,42	11.564,65	19.664,49
23.09.2019	19:45:00	12.590,82	12.325,28	20.511,91
23.09.2019	20:00:00	12.871,85	12.624,21	20.686,34
23.09.2019	20:15:00	12.671,33	12.418,58	20.287,91
23.09.2019	20:30:00	12.371,87	12.112,32	19.805,34
23.09.2019	20:45:00	12.073,71	11.799,81	19.368,74
23.09.2019	21:00:00	11.719,16	11.444,14	18.924,91
23.09.2019	21:15:00	11.543,54	11.261,95	18.588,60
23.09.2019	21:30:00	11.571,63	11.170,55	18.319,44
23.09.2019	21:45:00	10.983,66	10.484,46	17.544,96
23.09.2019	22:00:00	10.490,73	9.993,57	16.457,89
23.09.2019	22:15:00	10.234,34	9.737,44	15.930,02
23.09.2019	22:30:00	9.812,74	9.314,57	15.222,34
23.09.2019	22:45:00	9.453,26	9.094,65	14.716,02
23.09.2019	23:00:00	9.164,29	8.859,05	14.359,68
23.09.2019	23:15:00	8.737,29	8.429,95	13.784,31
23.09.2019	23:30:00	8.244,12	7.924,11	13.208,01
23.09.2019	23:45:00	7.746,18	7.430,31	12.808,41
24.09.2019	00:00:00	7.313,51	7.001,97	12.350,11
24.09.2019	00:15:00	6.966,06	6.658,03	12.133,57
24.09.2019	00:30:00	6.687,70	6.372,59	11.761,35
24.09.2019	00:45:00	6.471,24	6.157,01	11.642,89
24.09.2019	01:00:00	6.302,53	5.983,98	11.440,55
24.09.2019	01:15:00	6.052,24	5.749,24	11.095,29
24.09.2019	01:30:00	5.964,66	5.656,19	10.937,98
24.09.2019	01:45:00	5.908,76	5.577,48	10.780,23
24.09.2019	02:00:00	5.751,02	5.417,88	10.619,04
24.09.2019	02:15:00	5.773,86	5.433,43	10.657,77
24.09.2019	02:30:00	5.713,08	5.377,76	10.604,34
24.09.2019	02:45:00	5.697,65	5.363,20	10.646,95
24.09.2019	03:00:00	5.712,21	5.377,40	10.685,15
24.09.2019	03:15:00	5.663,90	5.346,46	10.662,44
24.09.2019	03:30:00	5.550,22	5.236,90	10.606,46
24.09.2019	03:45:00	5.605,93	5.288,11	10.705,68
24.09.2019	04:00:00	5.722,20	5.394,71	10.653,57
24.09.2019	04:15:00	5.889,17	5.604,94	10.898,23

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24.09.2019	04:30:00	6.097,48	5.797,55	11.126,10
24.09.2019	04:45:00	6.231,16	5.905,13	11.110,78
24.09.2019	05:00:00	6.382,59	6.065,25	11.523,40
24.09.2019	05:15:00	6.791,89	6.496,71	12.330,83
24.09.2019	05:30:00	6.927,78	6.726,09	12.767,89
24.09.2019	05:45:00	7.412,58	7.260,30	13.586,46
24.09.2019	06:00:00	7.691,48	7.532,06	14.644,49
24.09.2019	06:15:00	8.204,37	8.050,80	16.730,66
24.09.2019	06:30:00	8.905,31	8.721,38	17.997,52
24.09.2019	06:45:00	9.331,61	9.068,30	18.920,85
24.09.2019	07:00:00	9.592,56	9.184,06	19.657,62
24.09.2019	07:15:00	9.614,94	9.169,49	20.025,21
24.09.2019	07:30:00	9.718,02	9.280,64	20.506,92
24.09.2019	07:45:00	9.786,38	9.259,77	20.713,92
24.09.2019	08:00:00	9.819,12	9.210,52	21.071,02
24.09.2019	08:15:00	9.899,08	9.210,15	21.254,32
24.09.2019	08:30:00	9.564,36	8.752,53	21.129,14
24.09.2019	08:45:00	9.919,00	8.858,04	21.147,89
24.09.2019	09:00:00	9.841,50	8.511,28	20.723,55
24.09.2019	09:15:00	9.950,47	8.376,11	19.961,46
24.09.2019	09:30:00	9.876,14	7.650,88	19.134,00
24.09.2019	09:45:00	10.113,27	8.085,57	19.967,62
24.09.2019	10:00:00	10.258,24	7.575,62	19.508,90
24.09.2019	10:15:00	10.569,00	8.377,78	20.336,71
24.09.2019	10:30:00	10.398,36	7.046,29	18.978,44
24.09.2019	10:45:00	10.601,49	7.405,04	19.445,70
24.09.2019	11:00:00	10.731,53	8.050,76	20.343,02
24.09.2019	11:15:00	10.834,76	7.657,73	19.890,40
24.09.2019	11:30:00	11.064,32	7.770,40	20.316,33
24.09.2019	11:45:00	11.402,71	8.164,41	20.715,36
24.09.2019	12:00:00	11.431,95	8.372,97	20.466,05
24.09.2019	12:15:00	11.633,51	8.346,16	20.024,87
24.09.2019	12:30:00	11.705,07	8.071,24	19.447,23
24.09.2019	12:45:00	11.236,99	7.131,24	18.619,78
24.09.2019	13:00:00	11.178,87	6.996,99	18.590,27
24.09.2019	13:15:00	10.995,96	7.531,81	19.289,46
24.09.2019	13:30:00	10.890,25	8.163,96	20.131,36
24.09.2019	13:45:00	10.817,43	8.906,23	20.806,62
24.09.2019	14:00:00	10.853,25	8.791,03	20.691,43
24.09.2019	14:15:00	10.825,88	8.472,63	20.479,92
24.09.2019	14:30:00	10.641,42	8.779,37	20.576,32
24.09.2019	14:45:00	10.797,45	9.549,76	21.352,24
24.09.2019	15:00:00	10.877,52	9.902,36	21.551,42
24.09.2019	15:15:00	10.821,34	9.546,21	20.986,05
24.09.2019	15:30:00	10.499,17	9.491,04	20.510,62
24.09.2019	15:45:00	10.610,51	9.669,82	20.420,34
24.09.2019	16:00:00	10.565,84	9.719,77	20.079,06
24.09.2019	16:15:00	10.629,65	10.009,60	20.133,42
24.09.2019	16:30:00	10.921,91	10.179,34	20.154,36
24.09.2019	16:45:00	10.964,21	10.301,39	19.960,72
24.09.2019	17:00:00	11.167,64	10.604,13	20.171,91
24.09.2019	17:15:00	11.252,39	10.489,62	19.762,25
24.09.2019	17:30:00	11.305,03	10.300,46	19.143,71
24.09.2019	17:45:00	11.343,39	10.663,02	19.604,87
24.09.2019	18:00:00	11.593,00	11.263,37	20.244,50
24.09.2019	18:15:00	11.762,68	11.355,46	20.162,17
24.09.2019	18:30:00	11.707,18	11.411,25	19.779,60
24.09.2019	18:45:00	11.809,84	11.646,98	19.925,16
24.09.2019	19:00:00	11.651,43	11.507,85	19.760,36
24.09.2019	19:15:00	11.899,23	11.881,01	20.328,72
24.09.2019	19:30:00	12.348,20	12.275,17	20.767,34
24.09.2019	19:45:00	12.993,66	12.920,60	21.366,90
24.09.2019	20:00:00	12.956,51	12.866,05	21.145,40
24.09.2019	20:15:00	12.772,45	12.676,86	20.753,29
24.09.2019	20:30:00	12.491,35	12.391,64	20.161,48
24.09.2019	20:45:00	12.214,76	12.052,22	19.681,41
24.09.2019	21:00:00	11.836,85	11.514,79	19.002,38
24.09.2019	21:15:00	11.606,04	11.308,60	18.842,76
24.09.2019	21:30:00	11.660,44	11.336,04	18.745,67
24.09.2019	21:45:00	11.040,46	10.604,70	17.879,40
24.09.2019	22:00:00	10.598,54	10.152,67	17.057,11

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24.09.2019	22:15:00	10.183,26	9.747,20	16.251,40
24.09.2019	22:30:00	9.653,22	9.381,32	15.610,72
24.09.2019	22:45:00	9.409,46	9.152,19	15.025,21
24.09.2019	23:00:00	9.001,65	8.739,88	14.403,73
24.09.2019	23:15:00	8.487,31	8.209,67	13.728,09
24.09.2019	23:30:00	7.879,04	7.661,62	13.068,92
24.09.2019	23:45:00	7.465,07	7.291,85	12.545,62
25.09.2019	00:00:00	7.011,74	6.849,63	12.173,68
25.09.2019	00:15:00	6.672,09	6.515,42	11.796,96
25.09.2019	00:30:00	6.418,29	6.263,41	11.646,25
25.09.2019	00:45:00	6.206,42	6.050,74	11.425,32
25.09.2019	01:00:00	6.021,69	5.856,68	11.034,52
25.09.2019	01:15:00	5.820,65	5.718,99	10.894,93
25.09.2019	01:30:00	5.713,37	5.646,15	10.792,60
25.09.2019	01:45:00	5.572,58	5.463,88	10.497,65
25.09.2019	02:00:00	5.519,66	5.383,48	10.253,50
25.09.2019	02:15:00	5.494,93	5.325,88	10.166,23
25.09.2019	02:30:00	5.493,48	5.324,90	10.112,21
25.09.2019	02:45:00	5.444,51	5.274,22	10.079,28
25.09.2019	03:00:00	5.494,68	5.330,73	10.334,58
25.09.2019	03:15:00	5.530,11	5.378,54	10.347,99
25.09.2019	03:30:00	5.446,41	5.299,90	10.369,76
25.09.2019	03:45:00	5.457,60	5.305,52	10.314,40
25.09.2019	04:00:00	5.519,88	5.359,41	10.319,87
25.09.2019	04:15:00	5.653,18	5.503,34	10.701,42
25.09.2019	04:30:00	5.841,56	5.718,32	10.940,42
25.09.2019	04:45:00	5.866,23	5.722,39	11.067,24
25.09.2019	05:00:00	6.030,60	5.870,16	11.529,87
25.09.2019	05:15:00	6.562,09	6.417,60	12.303,02
25.09.2019	05:30:00	6.701,38	6.569,64	12.787,49
25.09.2019	05:45:00	7.068,51	6.953,07	13.399,26
25.09.2019	06:00:00	7.508,58	7.399,36	14.394,38
25.09.2019	06:15:00	8.175,20	8.092,43	16.472,93
25.09.2019	06:30:00	8.697,13	8.550,80	17.840,61
25.09.2019	06:45:00	9.049,12	8.789,43	18.642,46
25.09.2019	07:00:00	9.474,97	9.226,88	19.668,41
25.09.2019	07:15:00	9.672,20	9.425,34	20.375,53
25.09.2019	07:30:00	9.712,86	9.459,14	20.724,92
25.09.2019	07:45:00	9.762,43	9.451,86	21.114,94
25.09.2019	08:00:00	10.077,81	9.654,64	21.914,51
25.09.2019	08:15:00	10.173,17	9.551,30	21.900,02
25.09.2019	08:30:00	10.298,77	9.672,03	22.401,76
25.09.2019	08:45:00	10.564,07	10.035,91	22.796,49
25.09.2019	09:00:00	10.775,98	10.267,60	22.907,14
25.09.2019	09:15:00	10.909,81	10.330,51	22.328,99
25.09.2019	09:30:00	10.980,85	9.856,69	21.916,67
25.09.2019	09:45:00	10.634,12	8.947,65	21.600,80
25.09.2019	10:00:00	10.267,36	8.403,03	21.136,97
25.09.2019	10:15:00	10.159,23	7.761,34	20.688,19
25.09.2019	10:30:00	11.064,84	9.798,29	22.851,16
25.09.2019	10:45:00	11.319,54	10.247,66	23.462,90
25.09.2019	11:00:00	11.520,89	10.253,12	23.521,82
25.09.2019	11:15:00	11.658,83	10.562,35	23.988,73
25.09.2019	11:30:00	12.012,50	10.576,23	23.785,66
25.09.2019	11:45:00	12.290,59	8.171,35	21.203,82
25.09.2019	12:00:00	12.131,55	7.233,01	19.694,80
25.09.2019	12:15:00	11.661,06	6.541,18	18.348,29
25.09.2019	12:30:00	12.123,46	6.582,27	18.110,06
25.09.2019	12:45:00	11.534,62	6.160,64	17.607,09
25.09.2019	13:00:00	13.084,99	8.041,50	19.822,51
25.09.2019	13:15:00	11.817,52	8.078,34	20.143,20
25.09.2019	13:30:00	11.290,07	9.153,09	21.464,55
25.09.2019	13:45:00	11.225,98	9.449,43	21.745,78
25.09.2019	14:00:00	10.683,78	9.331,62	21.545,19
25.09.2019	14:15:00	10.940,48	9.167,10	21.200,00
25.09.2019	14:30:00	10.923,40	9.281,10	21.094,39
25.09.2019	14:45:00	10.842,92	9.065,55	20.813,04
25.09.2019	15:00:00	10.763,60	8.878,87	20.338,34
25.09.2019	15:15:00	10.637,40	9.370,69	20.700,04
25.09.2019	15:30:00	10.866,72	9.638,37	20.810,48
25.09.2019	15:45:00	11.037,62	8.994,49	19.688,87

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25.09.2019	16:00:00	10.681,03	9.189,71	19.490,42
25.09.2019	16:15:00	10.756,35	10.056,00	20.040,73
25.09.2019	16:30:00	10.759,16	10.346,84	20.110,40
25.09.2019	16:45:00	11.081,69	10.503,14	19.980,84
25.09.2019	17:00:00	11.026,89	10.579,04	19.956,61
25.09.2019	17:15:00	11.374,66	11.104,23	20.338,44
25.09.2019	17:30:00	11.655,19	11.372,89	20.262,40
25.09.2019	17:45:00	11.688,22	11.429,61	20.159,21
25.09.2019	18:00:00	11.957,30	11.780,02	20.372,19
25.09.2019	18:15:00	12.059,93	11.896,75	20.445,18
25.09.2019	18:30:00	12.201,90	12.073,15	20.464,40
25.09.2019	18:45:00	12.100,31	11.978,38	20.163,07
25.09.2019	19:00:00	12.003,45	11.851,68	19.844,32
25.09.2019	19:15:00	12.021,63	11.813,83	19.864,25
25.09.2019	19:30:00	12.284,07	12.062,96	20.101,31
25.09.2019	19:45:00	13.004,92	12.786,68	20.885,96
25.09.2019	20:00:00	13.104,06	12.873,87	20.793,24
25.09.2019	20:15:00	12.741,88	12.490,64	20.249,42
25.09.2019	20:30:00	12.417,44	12.159,06	19.646,36
25.09.2019	20:45:00	12.100,01	11.835,66	19.294,08
25.09.2019	21:00:00	11.730,70	11.455,65	18.685,10
25.09.2019	21:15:00	11.585,86	11.304,13	18.457,22
25.09.2019	21:30:00	11.699,16	11.408,10	18.485,35
25.09.2019	21:45:00	11.186,42	10.948,70	17.813,48
25.09.2019	22:00:00	10.711,71	10.617,80	17.342,58
25.09.2019	22:15:00	10.361,12	10.260,90	16.610,76
25.09.2019	22:30:00	9.944,48	9.841,73	15.771,52
25.09.2019	22:45:00	9.694,98	9.586,62	15.197,42
25.09.2019	23:00:00	9.439,53	9.329,22	14.907,48
25.09.2019	23:15:00	8.957,06	8.842,68	14.161,14
25.09.2019	23:30:00	8.279,99	8.159,39	13.448,15
25.09.2019	23:45:00	7.730,73	7.605,39	12.759,18
26.09.2019	00:00:00	7.334,74	7.206,05	12.231,54
26.09.2019	00:15:00	6.802,30	6.659,60	11.662,64
26.09.2019	00:30:00	6.417,13	6.293,69	11.374,28
26.09.2019	00:45:00	6.264,78	6.138,79	11.010,58
26.09.2019	01:00:00	6.177,19	6.050,15	10.987,35
26.09.2019	01:15:00	5.996,51	5.882,79	10.909,54
26.09.2019	01:30:00	5.853,11	5.701,72	10.604,83
26.09.2019	01:45:00	5.793,07	5.513,96	10.520,71
26.09.2019	02:00:00	5.728,34	5.444,87	10.646,37
26.09.2019	02:15:00	5.795,35	5.512,36	10.757,51
26.09.2019	02:30:00	5.730,37	5.427,43	10.594,20
26.09.2019	02:45:00	5.638,95	5.394,71	10.479,40
26.09.2019	03:00:00	5.587,93	5.378,62	10.457,10
26.09.2019	03:15:00	5.595,80	5.412,51	10.444,26
26.09.2019	03:30:00	5.599,16	5.416,68	10.661,10
26.09.2019	03:45:00	5.626,26	5.491,15	10.732,92
26.09.2019	04:00:00	5.752,28	5.685,71	10.870,31
26.09.2019	04:15:00	5.936,42	5.893,13	11.114,86
26.09.2019	04:30:00	6.071,22	6.036,73	11.216,58
26.09.2019	04:45:00	6.242,69	6.198,14	11.445,03
26.09.2019	05:00:00	6.561,75	6.487,17	12.118,05
26.09.2019	05:15:00	7.022,23	6.983,11	13.064,25
26.09.2019	05:30:00	7.136,97	7.108,21	13.431,79
26.09.2019	05:45:00	7.488,82	7.470,57	14.213,07
26.09.2019	06:00:00	7.847,38	7.833,74	15.213,57
26.09.2019	06:15:00	8.405,14	8.405,16	17.157,13
26.09.2019	06:30:00	8.887,42	8.901,64	18.323,18
26.09.2019	06:45:00	9.170,46	9.191,57	18.912,44
26.09.2019	07:00:00	9.555,23	9.603,31	20.140,27
26.09.2019	07:15:00	9.620,07	9.628,39	20.479,84
26.09.2019	07:30:00	9.836,36	9.671,42	20.762,57
26.09.2019	07:45:00	10.000,28	9.772,00	21.241,69
26.09.2019	08:00:00	10.322,84	10.076,18	21.903,88
26.09.2019	08:15:00	10.501,07	10.162,44	22.295,94
26.09.2019	08:30:00	10.626,94	10.156,51	22.282,26
26.09.2019	08:45:00	10.595,79	10.015,15	22.503,53
26.09.2019	09:00:00	10.816,55	10.143,60	22.686,30
26.09.2019	09:15:00	11.124,35	10.434,93	22.537,96
26.09.2019	09:30:00	11.177,88	10.526,24	22.513,66

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26.09.2019	09:45:00	11.142,99	10.566,60	23.008,59
26.09.2019	10:00:00	11.158,10	10.530,44	23.507,89
26.09.2019	10:15:00	11.260,36	10.583,46	23.268,77
26.09.2019	10:30:00	11.350,28	10.456,42	23.265,52
26.09.2019	10:45:00	11.559,83	10.607,35	23.725,20
26.09.2019	11:00:00	11.800,66	10.531,30	23.520,58
26.09.2019	11:15:00	11.584,57	10.471,68	23.542,01
26.09.2019	11:30:00	12.152,90	10.936,52	24.071,95
26.09.2019	11:45:00	12.217,86	11.225,95	24.481,93
26.09.2019	12:00:00	12.465,95	11.489,81	24.361,18
26.09.2019	12:15:00	12.720,25	11.642,63	23.932,98
26.09.2019	12:30:00	12.550,24	11.562,40	23.583,71
26.09.2019	12:45:00	12.092,72	10.869,99	23.094,64
26.09.2019	13:00:00	11.890,89	10.043,99	22.415,18
26.09.2019	13:15:00	11.766,24	9.596,51	22.199,94
26.09.2019	13:30:00	11.612,57	9.365,65	22.055,83
26.09.2019	13:45:00	11.267,50	10.064,82	22.509,17
26.09.2019	14:00:00	11.216,45	9.546,41	21.805,77
26.09.2019	14:15:00	11.167,64	9.673,32	21.846,73
26.09.2019	14:30:00	11.450,52	9.465,02	21.018,52
26.09.2019	14:45:00	10.869,32	9.016,14	20.316,01
26.09.2019	15:00:00	10.903,12	9.557,81	21.078,30
26.09.2019	15:15:00	10.848,83	9.339,57	20.460,72
26.09.2019	15:30:00	10.856,43	10.024,86	21.116,96
26.09.2019	15:45:00	10.992,45	10.133,92	21.088,20
26.09.2019	16:00:00	10.883,93	10.016,67	20.814,07
26.09.2019	16:15:00	10.883,69	10.139,38	20.584,46
26.09.2019	16:30:00	10.990,43	10.348,05	20.662,72
26.09.2019	16:45:00	11.059,58	10.706,77	20.771,26
26.09.2019	17:00:00	11.312,31	11.099,83	20.901,18
26.09.2019	17:15:00	11.576,04	11.203,90	20.592,32
26.09.2019	17:30:00	11.624,86	11.311,36	20.538,22
26.09.2019	17:45:00	11.961,50	11.794,87	20.983,23
26.09.2019	18:00:00	12.091,17	11.934,67	21.020,26
26.09.2019	18:15:00	12.203,11	12.126,74	21.025,71
26.09.2019	18:30:00	12.299,96	12.129,90	20.801,61
26.09.2019	18:45:00	12.138,47	11.838,50	20.497,43
26.09.2019	19:00:00	12.179,13	11.897,68	20.550,17
26.09.2019	19:15:00	12.447,89	12.181,03	20.858,80
26.09.2019	19:30:00	13.047,71	12.782,37	21.649,20
26.09.2019	19:45:00	12.955,64	12.670,92	21.568,48
26.09.2019	20:00:00	13.140,31	12.848,68	21.494,22
26.09.2019	20:15:00	12.791,01	12.488,89	20.956,93
26.09.2019	20:30:00	12.315,34	12.024,32	20.065,51
26.09.2019	20:45:00	12.003,20	11.690,47	19.609,57
26.09.2019	21:00:00	11.689,67	11.367,28	19.188,12
26.09.2019	21:15:00	11.481,76	11.147,51	18.994,27
26.09.2019	21:30:00	11.616,75	11.287,35	18.857,87
26.09.2019	21:45:00	11.079,38	10.780,25	18.131,70
26.09.2019	22:00:00	10.750,97	10.405,15	17.349,77
26.09.2019	22:15:00	10.388,37	10.041,45	16.717,04
26.09.2019	22:30:00	9.850,31	9.509,71	15.991,17
26.09.2019	22:45:00	9.523,64	9.174,40	15.240,92
26.09.2019	23:00:00	9.261,91	8.915,96	14.746,30
26.09.2019	23:15:00	8.745,08	8.382,15	14.124,91
26.09.2019	23:30:00	8.139,05	7.766,79	13.267,03
26.09.2019	23:45:00	7.616,51	7.243,84	12.786,95
27.09.2019	00:00:00	7.234,02	6.872,74	12.416,78
27.09.2019	00:15:00	6.883,28	6.559,05	11.985,67
27.09.2019	00:30:00	6.595,27	6.272,42	11.529,40
27.09.2019	00:45:00	6.481,27	6.098,50	11.182,83
27.09.2019	01:00:00	6.212,14	5.855,20	11.016,62
27.09.2019	01:15:00	6.061,21	5.762,42	10.894,72
27.09.2019	01:30:00	5.879,02	5.563,97	10.703,88
27.09.2019	01:45:00	5.883,48	5.565,89	10.692,98
27.09.2019	02:00:00	5.661,45	5.342,66	10.411,80
27.09.2019	02:15:00	5.616,08	5.270,08	10.268,57
27.09.2019	02:30:00	5.639,36	5.267,02	10.339,43
27.09.2019	02:45:00	5.609,15	5.245,29	10.393,76
27.09.2019	03:00:00	5.582,96	5.247,67	10.429,86
27.09.2019	03:15:00	5.592,30	5.257,96	10.280,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.09.2019	03:30:00	5.604,36	5.263,32	10.276,85
27.09.2019	03:45:00	5.587,00	5.214,42	10.167,76
27.09.2019	04:00:00	5.599,33	5.236,22	10.211,69
27.09.2019	04:15:00	5.798,18	5.448,83	10.392,03
27.09.2019	04:30:00	5.906,99	5.549,22	10.482,00
27.09.2019	04:45:00	6.009,78	5.687,47	10.649,48
27.09.2019	05:00:00	6.075,95	5.782,07	11.066,86
27.09.2019	05:15:00	6.645,51	6.368,51	12.077,00
27.09.2019	05:30:00	6.867,18	6.505,03	12.506,36
27.09.2019	05:45:00	7.150,45	6.728,84	12.977,08
27.09.2019	06:00:00	7.361,31	6.936,56	13.812,11
27.09.2019	06:15:00	8.038,89	7.632,50	15.818,01
27.09.2019	06:30:00	8.671,34	8.285,57	17.422,93
27.09.2019	06:45:00	9.101,86	8.718,59	18.511,46
27.09.2019	07:00:00	9.708,72	9.262,44	19.677,43
27.09.2019	07:15:00	10.056,62	9.542,38	20.322,64
27.09.2019	07:30:00	9.936,90	9.426,47	20.342,24
27.09.2019	07:45:00	10.098,31	9.563,77	20.705,69
27.09.2019	08:00:00	10.178,07	9.647,71	21.367,10
27.09.2019	08:15:00	10.265,29	9.638,11	21.558,89
27.09.2019	08:30:00	10.486,14	9.732,68	21.698,77
27.09.2019	08:45:00	10.535,62	9.636,67	21.524,05
27.09.2019	09:00:00	10.478,81	9.554,83	21.550,53
27.09.2019	09:15:00	10.681,92	9.747,79	21.257,46
27.09.2019	09:30:00	10.745,39	9.752,69	21.269,88
27.09.2019	09:45:00	11.104,73	10.434,37	22.613,46
27.09.2019	10:00:00	11.189,89	10.405,19	22.533,70
27.09.2019	10:15:00	11.472,69	10.609,88	22.554,37
27.09.2019	10:30:00	11.474,70	9.930,55	21.833,69
27.09.2019	10:45:00	11.148,79	8.846,94	20.770,01
27.09.2019	11:00:00	11.216,19	7.724,73	19.589,33
27.09.2019	11:15:00	11.708,21	9.008,94	20.967,67
27.09.2019	11:30:00	12.004,90	9.490,07	21.547,42
27.09.2019	11:45:00	11.785,36	9.709,85	21.702,67
27.09.2019	12:00:00	11.840,92	10.430,41	22.349,70
27.09.2019	12:15:00	12.815,90	10.035,10	21.351,52
27.09.2019	12:30:00	12.348,92	9.068,43	19.575,17
27.09.2019	12:45:00	12.120,14	9.281,00	19.852,28
27.09.2019	13:00:00	12.566,84	9.716,37	20.605,35
27.09.2019	13:15:00	12.053,73	9.733,74	20.551,58
27.09.2019	13:30:00	11.617,91	10.891,18	21.704,62
27.09.2019	13:45:00	11.584,73	10.974,39	21.812,38
27.09.2019	14:00:00	11.507,97	10.922,78	21.945,40
27.09.2019	14:15:00	11.555,16	11.006,79	21.902,10
27.09.2019	14:30:00	11.470,53	10.587,35	21.339,76
27.09.2019	14:45:00	11.357,72	10.009,79	20.381,70
27.09.2019	15:00:00	10.978,33	9.724,13	19.748,88
27.09.2019	15:15:00	11.179,13	10.289,95	20.212,32
27.09.2019	15:30:00	11.141,27	10.046,62	19.806,55
27.09.2019	15:45:00	10.969,67	9.958,93	19.460,22
27.09.2019	16:00:00	11.039,06	10.215,57	19.567,89
27.09.2019	16:15:00	11.087,59	10.267,05	19.390,77
27.09.2019	16:30:00	11.188,30	10.178,54	19.156,94
27.09.2019	16:45:00	11.307,94	9.475,20	18.067,91
27.09.2019	17:00:00	11.231,33	9.380,81	17.862,66
27.09.2019	17:15:00	11.104,93	9.964,62	18.352,86
27.09.2019	17:30:00	11.199,48	10.039,22	18.369,48
27.09.2019	17:45:00	11.199,30	10.386,72	18.916,43
27.09.2019	18:00:00	11.402,96	10.548,64	18.904,49
27.09.2019	18:15:00	11.540,44	10.986,01	19.194,44
27.09.2019	18:30:00	11.963,92	11.691,37	19.636,30
27.09.2019	18:45:00	12.113,61	11.841,19	19.748,68
27.09.2019	19:00:00	12.290,14	11.882,84	19.677,86
27.09.2019	19:15:00	12.393,49	11.984,04	19.571,12
27.09.2019	19:30:00	12.688,63	12.272,77	19.690,62
27.09.2019	19:45:00	12.945,20	12.517,39	19.879,00
27.09.2019	20:00:00	12.822,67	12.391,35	19.606,20
27.09.2019	20:15:00	12.687,25	12.240,91	19.337,29
27.09.2019	20:30:00	12.340,26	11.783,54	18.854,06
27.09.2019	20:45:00	11.993,37	11.414,09	18.248,46
27.09.2019	21:00:00	11.595,54	11.008,64	17.707,93

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.09.2019	21:15:00	11.438,13	10.844,17	17.467,30
27.09.2019	21:30:00	11.624,62	11.045,79	17.475,28
27.09.2019	21:45:00	11.096,68	10.638,21	16.899,69
27.09.2019	22:00:00	10.756,69	10.379,90	16.484,91
27.09.2019	22:15:00	10.583,03	10.207,26	16.033,94
27.09.2019	22:30:00	10.330,15	10.018,69	15.590,86
27.09.2019	22:45:00	10.177,87	9.891,06	15.220,69
27.09.2019	23:00:00	9.907,95	9.608,96	14.807,31
27.09.2019	23:15:00	9.390,02	9.083,67	13.910,92
27.09.2019	23:30:00	8.942,60	8.635,18	13.214,14
27.09.2019	23:45:00	8.500,68	8.188,68	12.718,04
28.09.2019	00:00:00	7.983,81	7.669,65	12.221,21
28.09.2019	00:15:00	7.597,90	7.299,21	11.885,01
28.09.2019	00:30:00	7.294,63	6.996,49	11.528,73
28.09.2019	00:45:00	6.981,01	6.673,69	11.126,40
28.09.2019	01:00:00	6.715,03	6.403,54	10.932,36
28.09.2019	01:15:00	6.501,42	6.224,44	10.686,00
28.09.2019	01:30:00	6.270,87	5.981,88	10.390,39
28.09.2019	01:45:00	6.132,38	5.872,13	10.325,46
28.09.2019	02:00:00	6.058,15	5.888,11	10.173,24
28.09.2019	02:15:00	5.897,52	5.725,54	9.971,26
28.09.2019	02:30:00	5.928,91	5.780,27	9.960,25
28.09.2019	02:45:00	5.857,76	5.713,64	9.996,14
28.09.2019	03:00:00	5.828,01	5.676,13	9.903,77
28.09.2019	03:15:00	5.760,24	5.599,83	9.824,03
28.09.2019	03:30:00	5.723,34	5.582,40	9.793,11
28.09.2019	03:45:00	5.738,42	5.615,28	9.696,40
28.09.2019	04:00:00	5.809,41	5.687,47	9.746,26
28.09.2019	04:15:00	5.815,11	5.648,12	9.649,94
28.09.2019	04:30:00	5.896,40	5.730,14	9.666,98
28.09.2019	04:45:00	6.014,28	5.841,01	9.778,88
28.09.2019	05:00:00	6.090,29	5.899,30	10.031,16
28.09.2019	05:15:00	6.241,50	6.086,13	10.265,10
28.09.2019	05:30:00	6.320,38	6.161,26	10.447,19
28.09.2019	05:45:00	6.532,43	6.374,45	10.759,66
28.09.2019	06:00:00	6.753,25	6.588,18	11.181,69
28.09.2019	06:15:00	7.036,40	6.887,25	11.794,07
28.09.2019	06:30:00	7.207,41	7.077,13	12.004,83
28.09.2019	06:45:00	7.246,93	7.104,79	12.042,40
28.09.2019	07:00:00	7.500,58	7.358,37	12.561,79
28.09.2019	07:15:00	7.654,83	7.514,17	12.718,03
28.09.2019	07:30:00	7.838,83	7.702,56	12.961,88
28.09.2019	07:45:00	8.105,21	7.896,20	13.274,61
28.09.2019	08:00:00	8.381,66	8.042,93	13.358,49
28.09.2019	08:15:00	8.859,23	8.245,22	13.587,85
28.09.2019	08:30:00	9.021,02	8.377,51	13.766,57
28.09.2019	08:45:00	8.799,58	7.764,08	13.133,68
28.09.2019	09:00:00	9.197,96	8.048,07	13.409,50
28.09.2019	09:15:00	10.076,19	8.804,89	14.090,47
28.09.2019	09:30:00	10.548,78	9.617,31	14.994,08
28.09.2019	09:45:00	10.704,38	8.991,99	14.321,72
28.09.2019	10:00:00	10.439,97	7.899,19	13.211,36
28.09.2019	10:15:00	10.651,84	7.389,19	12.851,04
28.09.2019	10:30:00	11.382,74	8.839,10	14.456,16
28.09.2019	10:45:00	10.594,99	7.033,45	12.505,23
28.09.2019	11:00:00	10.654,38	6.468,29	11.856,90
28.09.2019	11:15:00	11.144,22	7.663,23	13.071,44
28.09.2019	11:30:00	11.960,84	9.705,32	15.162,91
28.09.2019	11:45:00	11.271,53	9.633,11	15.138,90
28.09.2019	12:00:00	11.665,53	8.877,22	14.225,82
28.09.2019	12:15:00	11.750,80	9.154,35	14.439,19
28.09.2019	12:30:00	12.183,25	9.917,74	15.065,45
28.09.2019	12:45:00	12.131,20	9.744,51	14.818,89
28.09.2019	13:00:00	12.318,42	10.244,05	15.392,72
28.09.2019	13:15:00	12.074,05	10.294,76	15.334,43
28.09.2019	13:30:00	12.054,17	9.252,77	14.181,16
28.09.2019	13:45:00	11.490,40	10.278,79	15.307,07
28.09.2019	14:00:00	11.407,48	9.963,13	15.055,06
28.09.2019	14:15:00	11.025,65	7.399,84	12.234,82
28.09.2019	14:30:00	11.505,30	7.118,14	11.929,84
28.09.2019	14:45:00	10.487,35	8.235,96	13.047,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.09.2019	15:00:00	10.278,42	7.792,61	12.790,61
28.09.2019	15:15:00	10.328,83	8.703,75	13.716,94
28.09.2019	15:30:00	10.077,49	8.430,07	13.230,53
28.09.2019	15:45:00	10.062,57	8.177,14	13.008,87
28.09.2019	16:00:00	10.163,03	8.118,87	12.987,83
28.09.2019	16:15:00	9.968,80	8.401,51	13.208,53
28.09.2019	16:30:00	10.773,44	8.196,34	13.017,34
28.09.2019	16:45:00	10.623,97	8.006,72	12.860,99
28.09.2019	17:00:00	10.169,80	9.191,48	14.117,97
28.09.2019	17:15:00	10.256,41	9.163,13	14.129,68
28.09.2019	17:30:00	10.271,02	9.348,27	14.315,90
28.09.2019	17:45:00	10.420,10	9.564,28	14.559,15
28.09.2019	18:00:00	10.687,72	10.011,10	14.980,08
28.09.2019	18:15:00	10.762,22	10.143,39	15.133,99
28.09.2019	18:30:00	10.744,12	10.221,89	15.213,02
28.09.2019	18:45:00	10.886,33	10.502,70	15.420,19
28.09.2019	19:00:00	10.907,60	10.556,94	15.459,23
28.09.2019	19:15:00	11.139,87	10.863,17	15.789,06
28.09.2019	19:30:00	11.630,28	11.188,41	16.159,18
28.09.2019	19:45:00	12.191,15	11.721,02	16.691,89
28.09.2019	20:00:00	12.020,05	11.547,55	16.517,28
28.09.2019	20:15:00	12.044,05	11.602,25	16.318,83
28.09.2019	20:30:00	11.755,11	11.319,97	15.721,55
28.09.2019	20:45:00	11.568,06	11.101,11	15.430,44
28.09.2019	21:00:00	11.239,37	10.836,82	15.088,54
28.09.2019	21:15:00	11.109,38	10.827,76	15.010,08
28.09.2019	21:30:00	11.318,61	11.036,80	15.203,99
28.09.2019	21:45:00	10.687,60	10.394,73	14.514,04
28.09.2019	22:00:00	10.349,21	10.049,79	14.178,34
28.09.2019	22:15:00	10.310,43	10.024,23	14.020,02
28.09.2019	22:30:00	10.110,97	9.817,04	13.784,19
28.09.2019	22:45:00	9.983,22	9.690,03	13.469,62
28.09.2019	23:00:00	9.793,96	9.509,35	13.243,85
28.09.2019	23:15:00	9.444,25	9.168,15	12.842,46
28.09.2019	23:30:00	8.958,10	8.715,80	12.465,25
28.09.2019	23:45:00	8.584,73	8.295,49	11.932,14
29.09.2019	00:00:00	8.098,99	7.805,18	11.507,45
29.09.2019	00:15:00	7.775,12	7.499,20	11.104,94
29.09.2019	00:30:00	7.309,25	7.018,18	10.676,49
29.09.2019	00:45:00	6.984,04	6.665,70	10.285,02
29.09.2019	01:00:00	6.698,25	6.383,11	9.999,50
29.09.2019	01:15:00	6.630,28	6.333,94	9.925,92
29.09.2019	01:30:00	6.466,81	6.197,43	9.727,89
29.09.2019	01:45:00	6.274,89	5.968,13	9.507,84
29.09.2019	02:00:00	6.201,56	5.863,13	9.344,51
29.09.2019	02:15:00	6.201,12	5.803,99	9.363,10
29.09.2019	02:30:00	6.202,75	5.755,55	9.263,56
29.09.2019	02:45:00	6.092,50	5.644,62	9.111,64
29.09.2019	03:00:00	6.000,62	5.557,79	9.068,66
29.09.2019	03:15:00	5.954,79	5.511,08	8.942,08
29.09.2019	03:30:00	5.961,01	5.517,49	8.891,81
29.09.2019	03:45:00	5.985,55	5.549,26	8.995,94
29.09.2019	04:00:00	5.983,18	5.552,65	9.081,38
29.09.2019	04:15:00	6.033,44	5.617,37	9.097,61
29.09.2019	04:30:00	6.071,88	5.732,59	9.163,54
29.09.2019	04:45:00	6.118,36	5.834,35	9.152,82
29.09.2019	05:00:00	6.127,40	5.873,78	9.338,91
29.09.2019	05:15:00	6.254,80	5.981,45	9.480,44
29.09.2019	05:30:00	6.198,20	5.915,77	9.283,66
29.09.2019	05:45:00	6.313,67	6.057,50	9.438,05
29.09.2019	06:00:00	6.330,47	6.074,49	9.599,97
29.09.2019	06:15:00	6.524,01	6.239,10	9.672,99
29.09.2019	06:30:00	6.476,23	6.172,69	9.685,94
29.09.2019	06:45:00	6.390,96	6.039,54	9.597,12
29.09.2019	07:00:00	6.538,31	6.078,41	9.605,62
29.09.2019	07:15:00	6.822,93	6.361,28	9.983,83
29.09.2019	07:30:00	6.647,37	6.133,55	9.863,64
29.09.2019	07:45:00	6.984,16	6.420,62	10.017,47
29.09.2019	08:00:00	7.186,22	6.606,01	10.076,53
29.09.2019	08:15:00	7.309,98	6.679,77	10.233,67
29.09.2019	08:30:00	7.413,34	6.681,19	10.167,49

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.09.2019	08:45:00	7.466,64	6.555,39	10.095,01
29.09.2019	09:00:00	7.648,79	6.505,37	10.082,46
29.09.2019	09:15:00	7.914,03	6.430,96	9.933,62
29.09.2019	09:30:00	8.103,89	6.255,71	9.814,49
29.09.2019	09:45:00	8.533,69	6.206,68	9.850,45
29.09.2019	10:00:00	8.816,18	6.187,84	9.807,28
29.09.2019	10:15:00	9.094,31	6.108,67	9.823,74
29.09.2019	10:30:00	9.226,75	5.903,98	9.566,83
29.09.2019	10:45:00	9.290,81	5.658,18	9.360,17
29.09.2019	11:00:00	9.636,20	5.685,38	9.469,02
29.09.2019	11:15:00	9.976,76	5.846,23	9.712,15
29.09.2019	11:30:00	10.138,36	5.740,44	9.576,14
29.09.2019	11:45:00	10.192,91	5.789,53	9.570,34
29.09.2019	12:00:00	10.543,28	5.625,22	9.404,47
29.09.2019	12:15:00	10.589,28	5.269,32	8.974,82
29.09.2019	12:30:00	10.512,00	5.229,56	8.891,14
29.09.2019	12:45:00	10.356,70	5.371,78	9.003,84
29.09.2019	13:00:00	10.302,76	6.039,52	9.705,67
29.09.2019	13:15:00	10.180,40	4.494,81	8.149,06
29.09.2019	13:30:00	10.570,55	5.151,38	8.868,36
29.09.2019	13:45:00	10.005,94	4.387,78	8.054,22
29.09.2019	14:00:00	9.840,33	4.188,29	7.900,12
29.09.2019	14:15:00	8.717,37	4.770,30	8.576,70
29.09.2019	14:30:00	10.081,27	4.145,28	8.005,05
29.09.2019	14:45:00	9.385,13	4.672,77	8.469,27
29.09.2019	15:00:00	9.574,93	5.525,79	9.342,11
29.09.2019	15:15:00	9.362,41	6.468,27	10.421,26
29.09.2019	15:30:00	8.854,76	7.139,05	10.950,94
29.09.2019	15:45:00	8.587,57	6.391,84	10.220,77
29.09.2019	16:00:00	8.603,43	6.055,30	9.826,29
29.09.2019	16:15:00	9.114,47	5.193,02	8.921,84
29.09.2019	16:30:00	8.841,17	6.524,95	10.306,82
29.09.2019	16:45:00	8.904,63	7.312,33	11.076,22
29.09.2019	17:00:00	9.003,77	7.559,30	11.446,42
29.09.2019	17:15:00	9.308,82	8.472,03	12.386,73
29.09.2019	17:30:00	9.704,63	9.265,82	13.259,33
29.09.2019	17:45:00	10.145,90	9.824,60	13.885,01
29.09.2019	18:00:00	10.471,93	9.945,17	13.825,43
29.09.2019	18:15:00	10.432,63	9.855,41	13.882,79
29.09.2019	18:30:00	10.526,60	10.193,86	14.283,60
29.09.2019	18:45:00	10.670,84	10.280,17	14.212,78
29.09.2019	19:00:00	10.839,90	10.549,76	14.632,60
29.09.2019	19:15:00	11.313,45	11.069,00	15.492,88
29.09.2019	19:30:00	11.782,68	11.539,29	15.958,89
29.09.2019	19:45:00	12.148,09	11.730,14	16.090,28
29.09.2019	20:00:00	12.089,02	11.668,27	16.005,94
29.09.2019	20:15:00	11.938,50	11.544,46	15.732,88
29.09.2019	20:30:00	11.585,27	11.175,70	15.404,97
29.09.2019	20:45:00	11.246,86	10.836,37	14.989,70
29.09.2019	21:00:00	10.988,66	10.597,64	14.745,90
29.09.2019	21:15:00	10.807,64	10.367,86	14.664,29
29.09.2019	21:30:00	10.639,21	10.369,60	14.592,04
29.09.2019	21:45:00	10.132,56	9.862,01	14.190,02
29.09.2019	22:00:00	9.857,91	9.593,17	13.991,40
29.09.2019	22:15:00	9.560,24	9.296,07	13.758,03
29.09.2019	22:30:00	9.145,72	8.882,84	13.386,82
29.09.2019	22:45:00	8.931,17	8.672,07	13.108,66
29.09.2019	23:00:00	8.638,51	8.364,20	12.742,84
29.09.2019	23:15:00	8.042,05	7.763,33	12.191,53
29.09.2019	23:30:00	7.648,65	7.368,06	11.740,62
29.09.2019	23:45:00	7.179,17	6.905,30	11.200,27
30.09.2019	00:00:00	6.703,46	6.424,59	10.811,70
30.09.2019	00:15:00	6.460,90	6.179,86	10.534,29
30.09.2019	00:30:00	6.202,96	5.929,88	10.319,68
30.09.2019	00:45:00	6.107,72	5.871,43	10.044,26
30.09.2019	01:00:00	5.870,54	5.665,10	9.805,10
30.09.2019	01:15:00	5.724,90	5.544,91	9.735,20
30.09.2019	01:30:00	5.579,97	5.340,27	9.553,04
30.09.2019	01:45:00	5.577,28	5.307,48	9.480,04
30.09.2019	02:00:00	5.401,26	5.143,07	9.211,43
30.09.2019	02:15:00	5.414,86	5.179,39	9.260,86

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.09.2019	02:30:00	5.356,85	5.089,23	9.165,30
30.09.2019	02:45:00	5.232,42	4.988,87	9.159,69
30.09.2019	03:00:00	5.268,52	5.041,54	9.030,99
30.09.2019	03:15:00	5.242,90	5.021,93	8.964,69
30.09.2019	03:30:00	5.242,26	5.021,11	9.128,44
30.09.2019	03:45:00	5.320,58	5.110,16	9.280,05
30.09.2019	04:00:00	5.335,19	5.111,66	9.351,38
30.09.2019	04:15:00	5.409,96	5.187,36	9.445,02
30.09.2019	04:30:00	5.565,74	5.347,32	9.682,42
30.09.2019	04:45:00	5.615,31	5.379,78	9.563,14
30.09.2019	05:00:00	5.807,46	5.556,03	10.087,39
30.09.2019	05:15:00	6.190,34	5.946,08	11.232,54
30.09.2019	05:30:00	6.292,11	6.060,60	11.595,50
30.09.2019	05:45:00	6.786,64	6.580,58	12.532,80
30.09.2019	06:00:00	7.111,44	6.894,59	13.652,75
30.09.2019	06:15:00	7.865,20	7.642,93	15.737,20
30.09.2019	06:30:00	8.368,15	8.086,24	17.189,31
30.09.2019	06:45:00	8.835,11	8.563,94	18.336,12
30.09.2019	07:00:00	9.440,62	9.040,63	19.388,20
30.09.2019	07:15:00	9.647,24	9.173,27	20.051,27
30.09.2019	07:30:00	9.834,93	9.367,61	20.479,90
30.09.2019	07:45:00	9.918,13	9.380,16	20.803,25
30.09.2019	08:00:00	9.912,45	9.327,98	20.984,69
30.09.2019	08:15:00	10.050,47	9.424,33	21.431,90
30.09.2019	08:30:00	10.002,40	9.269,93	21.514,94
30.09.2019	08:45:00	10.187,70	9.330,80	21.609,36
30.09.2019	09:00:00	10.391,33	9.531,43	21.860,09
30.09.2019	09:15:00	10.460,26	9.434,61	21.409,21
30.09.2019	09:30:00	10.701,42	9.584,33	21.498,92
30.09.2019	09:45:00	11.024,24	10.155,95	22.632,71
30.09.2019	10:00:00	10.982,42	10.225,07	22.599,13
30.09.2019	10:15:00	11.147,92	9.939,73	22.249,23
30.09.2019	10:30:00	11.189,98	8.770,58	20.917,32
30.09.2019	10:45:00	11.473,28	8.669,68	21.005,41
30.09.2019	11:00:00	11.235,23	8.292,57	20.564,62
30.09.2019	11:15:00	11.479,15	8.065,93	20.254,19
30.09.2019	11:30:00	11.187,51	7.432,72	19.482,46
30.09.2019	11:45:00	12.095,19	7.718,45	19.715,13
30.09.2019	12:00:00	12.093,80	8.029,12	19.686,12
30.09.2019	12:15:00	11.329,97	8.297,94	19.670,31
30.09.2019	12:30:00	11.968,23	9.261,20	20.233,01
30.09.2019	12:45:00	11.707,86	9.872,02	21.203,12
30.09.2019	13:00:00	11.057,11	9.049,81	20.468,92
30.09.2019	13:15:00	10.882,19	8.040,47	19.240,24
30.09.2019	13:30:00	10.932,29	8.111,81	19.479,66
30.09.2019	13:45:00	10.583,96	7.780,85	19.245,26
30.09.2019	14:00:00	10.679,41	6.691,73	17.999,46
30.09.2019	14:15:00	11.158,55	7.117,80	18.333,09
30.09.2019	14:30:00	10.705,40	5.936,65	16.741,29
30.09.2019	14:45:00	9.986,72	7.443,52	18.350,73
30.09.2019	15:00:00	10.544,92	6.585,43	17.153,88
30.09.2019	15:15:00	9.596,89	7.498,12	17.967,74
30.09.2019	15:30:00	10.274,68	8.479,78	19.050,71
30.09.2019	15:45:00	10.962,09	6.783,86	16.972,08
30.09.2019	16:00:00	9.966,62	8.313,19	18.393,97
30.09.2019	16:15:00	10.142,79	8.839,53	18.353,62
30.09.2019	16:30:00	10.677,59	9.199,82	18.378,26
30.09.2019	16:45:00	10.728,06	9.396,49	18.245,80
30.09.2019	17:00:00	10.940,69	9.894,12	18.517,60
30.09.2019	17:15:00	10.911,33	10.130,02	18.517,48
30.09.2019	17:30:00	11.065,46	10.359,72	18.546,07
30.09.2019	17:45:00	11.178,77	10.097,72	18.129,56
30.09.2019	18:00:00	11.093,67	10.123,07	17.973,69
30.09.2019	18:15:00	11.260,75	10.785,51	18.475,60
30.09.2019	18:30:00	11.285,74	10.828,16	18.330,82
30.09.2019	18:45:00	11.296,78	10.704,30	18.142,95
30.09.2019	19:00:00	11.516,06	11.023,71	18.444,05
30.09.2019	19:15:00	11.990,49	11.573,71	19.039,74
30.09.2019	19:30:00	12.501,81	12.100,14	19.750,84
30.09.2019	19:45:00	13.142,15	12.727,91	20.476,56
30.09.2019	20:00:00	13.068,19	12.645,27	20.370,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.09.2019	20:15:00	13.049,22	12.609,29	20.304,11
30.09.2019	20:30:00	12.627,49	12.182,23	19.626,60
30.09.2019	20:45:00	12.379,31	11.927,17	19.111,00
30.09.2019	21:00:00	11.839,90	11.375,96	18.398,24
30.09.2019	21:15:00	11.610,26	11.144,29	18.064,66
30.09.2019	21:30:00	11.799,43	11.338,12	17.948,05
30.09.2019	21:45:00	11.310,98	10.984,61	17.475,58
30.09.2019	22:00:00	10.829,50	10.456,50	16.760,68
30.09.2019	22:15:00	10.221,46	9.856,45	15.949,73
30.09.2019	22:30:00	9.994,96	9.630,69	15.468,38
30.09.2019	22:45:00	9.628,73	9.228,35	14.894,30
30.09.2019	23:00:00	9.351,00	8.952,44	14.503,66
30.09.2019	23:15:00	8.789,38	8.385,17	13.791,50
30.09.2019	23:30:00	8.416,12	8.006,86	13.306,89
30.09.2019	23:45:00	7.951,67	7.542,80	12.735,72
01.10.2019	00:00:00	7.414,58	7.096,14	12.174,77
01.10.2019	00:15:00	6.942,48	6.477,91	11.525,74
01.10.2019	00:30:00	6.644,25	6.168,68	11.197,22
01.10.2019	00:45:00	6.536,20	6.028,14	10.778,67
01.10.2019	01:00:00	6.439,23	5.930,13	10.677,34
01.10.2019	01:15:00	6.137,24	5.620,22	10.392,26
01.10.2019	01:30:00	6.145,75	5.625,93	10.330,34
01.10.2019	01:45:00	6.048,60	5.604,95	9.991,49
01.10.2019	02:00:00	5.992,13	5.665,66	10.029,07
01.10.2019	02:15:00	6.037,33	5.710,10	10.101,44
01.10.2019	02:30:00	6.037,66	5.720,37	10.055,59
01.10.2019	02:45:00	5.918,62	5.685,59	10.183,84
01.10.2019	03:00:00	5.948,48	5.721,45	10.290,30
01.10.2019	03:15:00	5.838,13	5.613,54	10.072,15
01.10.2019	03:30:00	5.940,50	5.706,72	10.076,66
01.10.2019	03:45:00	6.151,28	5.949,78	10.274,14
01.10.2019	04:00:00	6.298,60	6.115,92	10.462,22
01.10.2019	04:15:00	6.408,76	6.229,44	10.505,15
01.10.2019	04:30:00	6.527,85	6.303,68	10.637,51
01.10.2019	04:45:00	6.575,45	6.368,53	10.803,55
01.10.2019	05:00:00	6.760,84	6.580,75	11.333,76
01.10.2019	05:15:00	7.248,52	7.083,33	12.259,53
01.10.2019	05:30:00	7.325,11	7.169,03	12.591,73
01.10.2019	05:45:00	7.603,35	7.481,58	13.290,16
01.10.2019	06:00:00	7.903,28	7.785,33	14.183,46
01.10.2019	06:15:00	8.540,71	8.442,98	16.165,02
01.10.2019	06:30:00	8.946,07	8.770,01	17.505,34
01.10.2019	06:45:00	9.371,81	9.075,78	18.224,32
01.10.2019	07:00:00	9.897,23	9.625,39	19.278,97
01.10.2019	07:15:00	9.860,98	9.588,76	19.787,75
01.10.2019	07:30:00	10.006,63	9.726,19	20.292,47
01.10.2019	07:45:00	9.935,31	9.579,82	20.560,32
01.10.2019	08:00:00	9.975,61	9.485,69	20.764,86
01.10.2019	08:15:00	9.959,60	9.285,75	20.511,34
01.10.2019	08:30:00	10.047,30	9.384,43	20.716,28
01.10.2019	08:45:00	9.922,49	9.017,73	20.389,26
01.10.2019	09:00:00	10.040,24	8.893,86	20.515,71
01.10.2019	09:15:00	10.833,84	9.618,28	20.983,69
01.10.2019	09:30:00	10.686,76	9.345,70	20.700,65
01.10.2019	09:45:00	10.802,00	9.519,42	21.427,32
01.10.2019	10:00:00	10.000,01	7.576,81	19.586,21
01.10.2019	10:15:00	10.059,28	7.194,52	18.899,20
01.10.2019	10:30:00	10.321,21	7.065,02	18.787,61
01.10.2019	10:45:00	10.289,55	6.587,01	18.476,52
01.10.2019	11:00:00	10.849,82	7.343,69	19.395,65
01.10.2019	11:15:00	10.831,15	6.982,89	18.979,06
01.10.2019	11:30:00	11.115,37	8.693,75	20.854,67
01.10.2019	11:45:00	11.553,04	9.383,11	21.549,77
01.10.2019	12:00:00	11.797,41	9.603,18	21.609,91
01.10.2019	12:15:00	11.556,24	8.819,54	20.236,17
01.10.2019	12:30:00	11.848,88	8.797,23	19.998,63
01.10.2019	12:45:00	11.457,20	9.135,42	20.423,72
01.10.2019	13:00:00	11.164,51	8.627,69	20.178,31
01.10.2019	13:15:00	11.431,30	8.574,60	20.702,89
01.10.2019	13:30:00	10.989,38	8.682,32	20.716,63
01.10.2019	13:45:00	11.269,50	7.022,19	18.656,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.10.2019	14:00:00	11.413,61	7.635,05	19.352,72
01.10.2019	14:15:00	11.290,71	8.609,42	20.049,24
01.10.2019	14:30:00	11.191,47	9.280,81	20.802,40
01.10.2019	14:45:00	10.860,83	10.019,71	21.572,76
01.10.2019	15:00:00	11.044,60	10.295,55	21.872,71
01.10.2019	15:15:00	11.005,72	9.773,92	20.981,27
01.10.2019	15:30:00	11.134,96	7.595,67	18.312,27
01.10.2019	15:45:00	10.955,11	8.577,46	19.032,55
01.10.2019	16:00:00	10.696,01	8.544,16	18.652,45
01.10.2019	16:15:00	10.824,55	8.215,69	18.026,38
01.10.2019	16:30:00	10.709,46	9.160,50	18.804,74
01.10.2019	16:45:00	10.896,13	9.273,01	18.836,08
01.10.2019	17:00:00	10.766,98	9.345,12	18.736,19
01.10.2019	17:15:00	10.965,71	9.490,76	18.656,06
01.10.2019	17:30:00	11.269,71	9.825,80	18.815,92
01.10.2019	17:45:00	10.991,07	9.650,16	18.565,87
01.10.2019	18:00:00	10.885,04	9.840,26	18.569,96
01.10.2019	18:15:00	11.057,17	10.551,02	18.951,88
01.10.2019	18:30:00	11.232,09	10.880,74	19.155,23
01.10.2019	18:45:00	11.315,01	10.976,78	19.173,30
01.10.2019	19:00:00	11.618,46	11.413,62	19.503,63
01.10.2019	19:15:00	12.165,26	11.974,82	19.832,23
01.10.2019	19:30:00	13.092,36	12.818,73	20.766,11
01.10.2019	19:45:00	13.198,82	12.837,57	20.636,65
01.10.2019	20:00:00	13.100,07	12.734,56	20.354,92
01.10.2019	20:15:00	12.687,27	12.323,86	19.840,25
01.10.2019	20:30:00	12.383,19	11.984,46	19.407,96
01.10.2019	20:45:00	12.137,72	11.734,70	19.002,39
01.10.2019	21:00:00	11.816,39	11.478,49	18.554,74
01.10.2019	21:15:00	11.558,63	11.387,83	18.359,73
01.10.2019	21:30:00	11.420,03	11.244,37	18.029,45
01.10.2019	21:45:00	10.875,89	10.697,12	17.207,34
01.10.2019	22:00:00	10.497,23	10.317,92	16.709,89
01.10.2019	22:15:00	10.147,47	9.951,21	15.991,44
01.10.2019	22:30:00	9.760,12	9.544,48	15.308,87
01.10.2019	22:45:00	9.527,25	9.283,18	14.839,79
01.10.2019	23:00:00	9.117,08	8.868,63	14.312,64
01.10.2019	23:15:00	8.489,73	8.243,47	13.465,91
01.10.2019	23:30:00	7.976,39	7.728,02	12.766,38
01.10.2019	23:45:00	7.522,88	7.302,00	12.295,52
02.10.2019	00:00:00	7.180,65	6.938,70	11.955,48
02.10.2019	00:15:00	6.794,33	6.549,03	11.523,12
02.10.2019	00:30:00	6.459,25	6.145,96	11.265,14
02.10.2019	00:45:00	6.275,56	5.957,19	10.953,80
02.10.2019	01:00:00	6.026,56	5.709,38	10.755,46
02.10.2019	01:15:00	5.867,20	5.515,86	10.506,98
02.10.2019	01:30:00	5.697,12	5.325,31	10.172,71
02.10.2019	01:45:00	5.619,96	5.267,77	10.147,70
02.10.2019	02:00:00	5.544,49	5.191,70	10.049,09
02.10.2019	02:15:00	5.434,72	5.098,24	9.752,36
02.10.2019	02:30:00	5.393,43	5.076,49	9.688,87
02.10.2019	02:45:00	5.540,88	5.252,89	9.993,49
02.10.2019	03:00:00	5.428,30	5.085,72	9.815,99
02.10.2019	03:15:00	5.371,46	5.026,91	9.715,65
02.10.2019	03:30:00	5.366,03	5.117,11	9.902,24
02.10.2019	03:45:00	5.296,77	5.052,23	9.964,85
02.10.2019	04:00:00	5.346,20	5.139,64	10.138,66
02.10.2019	04:15:00	5.483,50	5.277,70	10.395,54
02.10.2019	04:30:00	5.577,21	5.376,03	10.617,01
02.10.2019	04:45:00	5.747,14	5.493,96	10.665,99
02.10.2019	05:00:00	5.999,14	5.739,27	11.154,82
02.10.2019	05:15:00	6.457,05	6.205,55	12.025,02
02.10.2019	05:30:00	6.648,87	6.399,88	12.491,86
02.10.2019	05:45:00	6.975,85	6.734,14	13.200,42
02.10.2019	06:00:00	7.330,75	7.120,64	14.230,76
02.10.2019	06:15:00	8.118,15	7.925,19	16.197,93
02.10.2019	06:30:00	8.553,90	8.360,62	17.651,69
02.10.2019	06:45:00	9.145,64	8.845,69	18.862,12
02.10.2019	07:00:00	9.603,40	9.233,01	19.790,10
02.10.2019	07:15:00	10.090,70	9.735,73	20.792,98
02.10.2019	07:30:00	10.130,93	9.777,19	21.088,22

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.10.2019	07:45:00	10.094,29	9.750,76	21.569,38
02.10.2019	08:00:00	10.321,32	9.975,01	22.321,16
02.10.2019	08:15:00	10.481,94	10.068,62	22.288,48
02.10.2019	08:30:00	10.619,32	10.017,01	22.241,04
02.10.2019	08:45:00	10.826,39	10.157,36	22.435,46
02.10.2019	09:00:00	11.056,88	10.254,67	22.437,49
02.10.2019	09:15:00	11.352,99	10.487,46	22.134,90
02.10.2019	09:30:00	11.113,60	10.065,20	21.685,82
02.10.2019	09:45:00	11.032,82	10.269,80	22.294,85
02.10.2019	10:00:00	11.192,96	10.458,20	22.743,86
02.10.2019	10:15:00	11.251,01	9.800,77	21.933,86
02.10.2019	10:30:00	11.105,89	9.111,95	21.353,34
02.10.2019	10:45:00	11.424,76	9.285,58	21.741,60
02.10.2019	11:00:00	11.272,57	9.380,59	21.650,14
02.10.2019	11:15:00	11.399,63	10.015,37	22.061,02
02.10.2019	11:30:00	11.877,60	10.578,84	22.825,70
02.10.2019	11:45:00	11.941,78	11.360,26	23.885,07
02.10.2019	12:00:00	11.634,12	9.285,25	21.331,98
02.10.2019	12:15:00	11.785,64	10.234,27	22.139,79
02.10.2019	12:30:00	12.502,85	10.419,04	21.906,33
02.10.2019	12:45:00	12.904,39	7.442,11	18.790,21
02.10.2019	13:00:00	12.130,82	10.431,00	22.054,48
02.10.2019	13:15:00	12.057,67	10.854,10	22.620,99
02.10.2019	13:30:00	11.909,65	10.752,44	22.581,16
02.10.2019	13:45:00	11.730,09	11.070,99	23.020,42
02.10.2019	14:00:00	12.028,95	10.434,71	22.258,88
02.10.2019	14:15:00	11.450,45	10.135,61	21.655,16
02.10.2019	14:30:00	11.262,44	9.878,20	21.044,00
02.10.2019	14:45:00	11.451,53	10.349,20	21.296,83
02.10.2019	15:00:00	11.531,61	10.932,41	21.813,13
02.10.2019	15:15:00	11.466,75	10.606,39	21.202,52
02.10.2019	15:30:00	11.512,90	10.869,21	21.086,82
02.10.2019	15:45:00	11.684,91	11.178,55	21.094,17
02.10.2019	16:00:00	11.494,16	11.093,57	20.700,60
02.10.2019	16:15:00	11.732,19	11.263,03	20.425,04
02.10.2019	16:30:00	11.940,86	11.292,28	20.251,24
02.10.2019	16:45:00	11.767,78	11.106,43	19.731,76
02.10.2019	17:00:00	11.737,76	11.186,32	19.678,03
02.10.2019	17:15:00	11.771,45	10.910,81	19.145,76
02.10.2019	17:30:00	11.576,11	10.743,15	18.747,33
02.10.2019	17:45:00	11.735,34	11.050,75	19.038,99
02.10.2019	18:00:00	11.935,94	11.266,47	19.089,56
02.10.2019	18:15:00	11.771,24	11.061,42	18.585,81
02.10.2019	18:30:00	11.786,95	10.992,49	18.289,53
02.10.2019	18:45:00	11.685,40	11.065,92	18.234,16
02.10.2019	19:00:00	11.837,52	11.351,99	18.429,39
02.10.2019	19:15:00	12.245,50	11.829,83	18.859,08
02.10.2019	19:30:00	12.901,11	12.441,08	19.592,59
02.10.2019	19:45:00	13.259,09	12.830,71	19.771,40
02.10.2019	20:00:00	13.267,15	12.828,95	19.784,62
02.10.2019	20:15:00	13.091,98	12.626,80	19.332,02
02.10.2019	20:30:00	12.556,73	12.040,30	18.546,22
02.10.2019	20:45:00	12.386,74	11.889,72	18.332,64
02.10.2019	21:00:00	12.089,00	11.618,63	17.929,70
02.10.2019	21:15:00	11.877,09	11.406,31	17.581,12
02.10.2019	21:30:00	12.186,88	11.680,18	17.827,04
02.10.2019	21:45:00	11.717,02	11.196,38	17.075,43
02.10.2019	22:00:00	11.264,65	10.783,75	16.560,77
02.10.2019	22:15:00	11.118,37	10.636,23	16.088,92
02.10.2019	22:30:00	11.110,42	10.604,87	15.801,26
02.10.2019	22:45:00	10.985,48	10.448,00	15.461,66
02.10.2019	23:00:00	10.830,39	10.320,54	15.139,09
02.10.2019	23:15:00	10.362,02	9.866,23	14.550,73
02.10.2019	23:30:00	9.899,15	9.404,44	13.912,20
02.10.2019	23:45:00	9.459,89	8.925,86	13.235,53
03.10.2019	00:00:00	8.776,97	8.237,08	12.533,87
03.10.2019	00:15:00	8.365,49	7.753,81	11.831,18
03.10.2019	00:30:00	7.921,67	7.355,81	11.356,52
03.10.2019	00:45:00	7.631,38	7.200,00	11.275,22
03.10.2019	01:00:00	7.516,42	7.047,30	11.132,22
03.10.2019	01:15:00	7.237,78	6.812,00	10.851,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.10.2019	01:30:00	7.107,48	6.777,62	10.804,78
03.10.2019	01:45:00	6.915,02	6.593,34	10.525,22
03.10.2019	02:00:00	6.673,53	6.320,29	10.299,52
03.10.2019	02:15:00	6.531,54	6.177,04	10.066,52
03.10.2019	02:30:00	6.551,72	6.325,39	10.188,00
03.10.2019	02:45:00	6.507,79	6.269,15	10.139,64
03.10.2019	03:00:00	6.702,10	6.426,77	10.248,58
03.10.2019	03:15:00	6.604,58	6.377,48	10.238,06
03.10.2019	03:30:00	6.566,39	6.338,91	10.198,00
03.10.2019	03:45:00	6.692,93	6.460,48	10.259,43
03.10.2019	04:00:00	6.618,82	6.334,86	10.136,41
03.10.2019	04:15:00	6.720,11	6.466,64	10.445,51
03.10.2019	04:30:00	6.802,08	6.570,57	10.427,98
03.10.2019	04:45:00	6.662,05	6.428,64	10.251,55
03.10.2019	05:00:00	6.737,48	6.461,47	10.303,47
03.10.2019	05:15:00	6.895,91	6.641,41	10.500,61
03.10.2019	05:30:00	6.745,66	6.516,25	10.386,85
03.10.2019	05:45:00	6.845,03	6.596,96	10.494,76
03.10.2019	06:00:00	6.855,06	6.595,23	10.375,50
03.10.2019	06:15:00	6.895,04	6.664,01	10.582,84
03.10.2019	06:30:00	6.951,71	6.543,44	10.494,71
03.10.2019	06:45:00	6.798,51	6.341,18	10.345,64
03.10.2019	07:00:00	6.880,16	6.422,80	10.431,08
03.10.2019	07:15:00	7.172,36	6.734,63	10.792,44
03.10.2019	07:30:00	6.909,90	6.468,84	10.486,05
03.10.2019	07:45:00	7.130,23	6.642,70	10.656,33
03.10.2019	08:00:00	7.471,37	6.932,86	10.970,41
03.10.2019	08:15:00	7.816,01	7.220,32	11.217,95
03.10.2019	08:30:00	8.018,79	7.332,00	11.389,06
03.10.2019	08:45:00	8.327,16	7.436,64	11.489,45
03.10.2019	09:00:00	8.817,75	7.634,88	11.620,44
03.10.2019	09:15:00	9.174,15	7.978,29	12.008,98
03.10.2019	09:30:00	9.674,76	8.350,87	12.079,62
03.10.2019	09:45:00	9.255,64	7.562,15	11.214,15
03.10.2019	10:00:00	8.967,26	6.253,21	9.924,54
03.10.2019	10:15:00	9.432,27	6.248,81	9.920,29
03.10.2019	10:30:00	9.653,79	6.047,34	9.702,14
03.10.2019	10:45:00	10.042,54	6.109,03	9.839,54
03.10.2019	11:00:00	10.538,02	6.440,03	10.211,42
03.10.2019	11:15:00	10.944,32	6.527,68	10.356,63
03.10.2019	11:30:00	10.488,81	6.703,10	10.558,10
03.10.2019	11:45:00	10.810,88	8.195,86	12.098,33
03.10.2019	12:00:00	11.975,69	7.173,02	10.984,29
03.10.2019	12:15:00	11.307,89	8.151,34	11.968,12
03.10.2019	12:30:00	11.996,20	9.177,06	13.097,62
03.10.2019	12:45:00	11.677,78	9.439,14	13.344,80
03.10.2019	13:00:00	11.550,58	9.315,98	13.186,64
03.10.2019	13:15:00	11.202,69	9.575,68	13.500,85
03.10.2019	13:30:00	11.236,62	9.851,04	13.757,19
03.10.2019	13:45:00	11.001,68	9.451,19	13.319,56
03.10.2019	14:00:00	10.809,04	8.714,22	12.565,17
03.10.2019	14:15:00	10.690,89	8.701,86	12.599,00
03.10.2019	14:30:00	10.502,30	8.549,89	12.402,51
03.10.2019	14:45:00	10.255,25	8.658,56	12.609,70
03.10.2019	15:00:00	10.070,10	8.417,48	12.293,35
03.10.2019	15:15:00	9.850,82	7.825,83	11.658,81
03.10.2019	15:30:00	9.840,47	8.296,34	12.288,46
03.10.2019	15:45:00	9.598,51	7.934,01	11.829,73
03.10.2019	16:00:00	9.749,15	7.633,78	11.491,18
03.10.2019	16:15:00	9.664,22	7.989,61	11.805,00
03.10.2019	16:30:00	9.576,82	7.797,72	11.762,59
03.10.2019	16:45:00	9.679,92	7.769,36	11.732,06
03.10.2019	17:00:00	9.672,45	8.305,96	12.372,69
03.10.2019	17:15:00	9.930,32	8.729,64	12.794,29
03.10.2019	17:30:00	9.964,53	8.940,79	13.282,73
03.10.2019	17:45:00	10.219,75	9.142,38	13.479,75
03.10.2019	18:00:00	10.356,51	9.319,17	13.674,50
03.10.2019	18:15:00	10.492,00	9.550,25	13.998,72
03.10.2019	18:30:00	10.374,99	9.681,76	13.987,85
03.10.2019	18:45:00	10.498,54	9.905,71	14.224,47
03.10.2019	19:00:00	10.705,34	10.096,73	14.388,50

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.10.2019	19:15:00	11.291,02	10.700,24	15.090,87
03.10.2019	19:30:00	11.927,94	11.343,34	15.712,06
03.10.2019	19:45:00	12.222,32	11.635,56	15.913,70
03.10.2019	20:00:00	12.134,10	11.495,88	15.820,46
03.10.2019	20:15:00	12.001,17	11.360,99	15.621,14
03.10.2019	20:30:00	11.913,02	11.271,53	15.557,62
03.10.2019	20:45:00	11.648,23	11.004,92	15.221,36
03.10.2019	21:00:00	11.417,40	10.777,95	14.939,55
03.10.2019	21:15:00	11.234,86	10.705,74	14.869,95
03.10.2019	21:30:00	11.677,26	11.205,08	15.459,08
03.10.2019	21:45:00	11.343,94	10.868,29	14.801,88
03.10.2019	22:00:00	11.013,02	10.494,72	14.340,62
03.10.2019	22:15:00	10.805,46	10.263,91	13.998,82
03.10.2019	22:30:00	10.531,86	10.033,38	13.822,74
03.10.2019	22:45:00	10.486,46	9.996,70	13.809,71
03.10.2019	23:00:00	10.509,25	9.999,42	13.745,20
03.10.2019	23:15:00	9.853,81	9.303,44	12.999,06
03.10.2019	23:30:00	9.286,15	8.766,34	12.410,36
03.10.2019	23:45:00	8.966,20	8.458,71	12.047,79
04.10.2019	00:00:00	8.519,41	8.003,97	11.603,19
04.10.2019	00:15:00	8.005,86	7.441,48	11.148,07
04.10.2019	00:30:00	7.729,31	7.197,79	10.975,33
04.10.2019	00:45:00	7.538,87	7.019,82	10.723,96
04.10.2019	01:00:00	7.255,52	6.734,65	10.603,08
04.10.2019	01:15:00	7.107,57	6.539,08	10.453,41
04.10.2019	01:30:00	7.001,19	6.446,10	10.364,82
04.10.2019	01:45:00	6.907,00	6.384,07	10.254,04
04.10.2019	02:00:00	6.903,19	6.380,10	10.152,50
04.10.2019	02:15:00	6.847,79	6.286,85	10.032,45
04.10.2019	02:30:00	6.878,06	6.350,19	10.126,59
04.10.2019	02:45:00	6.787,01	6.324,38	9.973,96
04.10.2019	03:00:00	6.719,85	6.256,58	9.918,42
04.10.2019	03:15:00	6.756,31	6.242,03	9.887,33
04.10.2019	03:30:00	6.743,72	6.222,57	9.826,71
04.10.2019	03:45:00	6.744,19	6.224,00	9.822,57
04.10.2019	04:00:00	6.858,77	6.315,18	9.860,51
04.10.2019	04:15:00	6.934,13	6.361,91	9.936,35
04.10.2019	04:30:00	6.862,39	6.334,70	10.058,78
04.10.2019	04:45:00	6.986,74	6.467,09	10.349,86
04.10.2019	05:00:00	7.062,32	6.520,22	10.555,62
04.10.2019	05:15:00	7.329,11	6.818,18	11.182,15
04.10.2019	05:30:00	7.392,69	6.895,72	11.289,43
04.10.2019	05:45:00	7.572,83	7.090,21	11.540,62
04.10.2019	06:00:00	7.808,08	7.362,38	12.212,04
04.10.2019	06:15:00	7.985,31	7.597,92	12.762,49
04.10.2019	06:30:00	8.163,73	7.699,48	13.229,85
04.10.2019	06:45:00	8.243,36	7.754,78	13.605,54
04.10.2019	07:00:00	8.616,09	8.118,08	14.225,68
04.10.2019	07:15:00	9.036,72	8.522,62	14.949,07
04.10.2019	07:30:00	9.014,71	8.476,44	15.159,82
04.10.2019	07:45:00	9.264,96	8.710,23	15.491,25
04.10.2019	08:00:00	9.453,46	8.868,38	15.976,38
04.10.2019	08:15:00	9.842,81	9.133,49	16.428,32
04.10.2019	08:30:00	10.034,20	9.233,95	16.523,65
04.10.2019	08:45:00	10.188,48	9.208,73	16.436,30
04.10.2019	09:00:00	10.790,33	9.849,48	17.115,50
04.10.2019	09:15:00	11.253,97	10.470,16	17.578,39
04.10.2019	09:30:00	11.000,02	9.416,52	16.423,72
04.10.2019	09:45:00	11.649,77	10.502,45	17.647,11
04.10.2019	10:00:00	11.682,06	10.383,51	17.599,98
04.10.2019	10:15:00	11.795,53	10.538,59	17.763,04
04.10.2019	10:30:00	12.005,45	10.743,02	17.975,18
04.10.2019	10:45:00	11.855,40	10.902,10	18.094,22
04.10.2019	11:00:00	11.993,62	10.931,30	18.117,18
04.10.2019	11:15:00	12.064,32	10.983,24	18.121,87
04.10.2019	11:30:00	12.371,32	11.333,46	18.445,34
04.10.2019	11:45:00	12.507,25	11.451,93	18.733,50
04.10.2019	12:00:00	13.017,65	12.249,28	19.429,62
04.10.2019	12:15:00	13.395,95	12.269,62	19.350,42
04.10.2019	12:30:00	13.477,95	12.424,31	19.424,36
04.10.2019	12:45:00	13.093,03	11.779,07	18.685,56

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.10.2019	13:00:00	12.681,59	11.347,35	18.172,83
04.10.2019	13:15:00	12.457,02	10.954,21	17.809,83
04.10.2019	13:30:00	12.345,47	11.108,23	17.747,72
04.10.2019	13:45:00	12.311,20	10.935,99	17.594,78
04.10.2019	14:00:00	11.959,64	10.537,43	17.352,26
04.10.2019	14:15:00	11.881,51	10.575,40	17.226,24
04.10.2019	14:30:00	11.340,09	9.860,56	16.339,95
04.10.2019	14:45:00	11.208,35	9.560,47	15.848,80
04.10.2019	15:00:00	11.323,87	9.567,02	15.801,50
04.10.2019	15:15:00	11.287,90	9.861,91	16.181,06
04.10.2019	15:30:00	11.710,22	8.105,71	14.302,14
04.10.2019	15:45:00	11.369,16	8.567,04	14.715,72
04.10.2019	16:00:00	11.291,61	9.291,21	15.433,34
04.10.2019	16:15:00	11.318,60	9.722,56	15.757,66
04.10.2019	16:30:00	11.402,51	9.377,58	15.237,11
04.10.2019	16:45:00	12.255,85	8.899,03	14.603,73
04.10.2019	17:00:00	11.411,58	9.278,70	14.922,84
04.10.2019	17:15:00	11.649,44	10.165,73	15.741,61
04.10.2019	17:30:00	11.618,81	10.686,09	16.245,21
04.10.2019	17:45:00	12.062,44	11.328,26	16.858,91
04.10.2019	18:00:00	12.050,53	10.766,30	16.176,40
04.10.2019	18:15:00	11.884,25	10.858,41	16.229,35
04.10.2019	18:30:00	11.910,79	11.173,99	16.494,83
04.10.2019	18:45:00	11.826,23	11.236,09	16.472,09
04.10.2019	19:00:00	11.969,11	11.671,06	17.022,17
04.10.2019	19:15:00	12.650,07	12.426,95	17.823,79
04.10.2019	19:30:00	13.388,04	13.174,73	18.526,80
04.10.2019	19:45:00	13.287,88	13.100,06	18.328,80
04.10.2019	20:00:00	13.058,41	12.697,68	17.908,97
04.10.2019	20:15:00	12.632,18	12.224,94	17.219,96
04.10.2019	20:30:00	12.440,73	12.002,35	16.776,63
04.10.2019	20:45:00	12.246,17	11.749,73	16.516,18
04.10.2019	21:00:00	11.883,77	11.370,63	16.094,72
04.10.2019	21:15:00	11.741,36	11.241,30	15.848,88
04.10.2019	21:30:00	12.399,94	11.943,46	16.561,83
04.10.2019	21:45:00	12.008,41	11.548,21	16.131,67
04.10.2019	22:00:00	11.579,77	11.118,51	15.580,02
04.10.2019	22:15:00	11.432,10	10.972,01	15.493,62
04.10.2019	22:30:00	11.338,91	10.868,42	15.335,88
04.10.2019	22:45:00	11.274,64	10.813,90	15.106,10
04.10.2019	23:00:00	11.062,93	10.776,03	14.981,00
04.10.2019	23:15:00	10.440,55	10.173,29	14.268,42
04.10.2019	23:30:00	9.895,86	9.618,12	13.675,81
04.10.2019	23:45:00	9.434,72	9.157,95	13.159,25
05.10.2019	00:00:00	8.983,60	8.703,11	12.659,27
05.10.2019	00:15:00	8.490,15	8.205,43	12.063,44
05.10.2019	00:30:00	8.130,12	7.834,80	11.820,82
05.10.2019	00:45:00	7.794,76	7.513,57	11.417,37
05.10.2019	01:00:00	7.481,26	7.190,43	11.111,46
05.10.2019	01:15:00	7.292,02	7.013,25	10.887,22
05.10.2019	01:30:00	7.064,48	6.779,22	10.707,12
05.10.2019	01:45:00	6.933,98	6.651,32	10.725,90
05.10.2019	02:00:00	6.776,48	6.490,71	10.553,93
05.10.2019	02:15:00	6.727,72	6.415,95	10.346,41
05.10.2019	02:30:00	6.660,52	6.378,64	10.277,14
05.10.2019	02:45:00	6.615,88	6.325,22	10.202,76
05.10.2019	03:00:00	6.488,51	6.161,77	10.053,58
05.10.2019	03:15:00	6.485,07	6.184,42	10.117,03
05.10.2019	03:30:00	6.401,91	6.103,05	9.965,67
05.10.2019	03:45:00	6.455,87	6.163,97	9.903,55
05.10.2019	04:00:00	6.392,26	6.091,49	9.764,11
05.10.2019	04:15:00	6.483,25	6.182,22	9.875,66
05.10.2019	04:30:00	6.567,77	6.347,73	10.009,25
05.10.2019	04:45:00	6.557,07	6.239,33	9.913,66
05.10.2019	05:00:00	6.616,45	6.272,62	9.990,52
05.10.2019	05:15:00	6.687,89	6.371,33	10.308,69
05.10.2019	05:30:00	6.728,54	6.417,57	10.517,07
05.10.2019	05:45:00	6.852,45	6.545,48	10.646,36
05.10.2019	06:00:00	6.988,94	6.692,74	10.880,10
05.10.2019	06:15:00	7.208,71	6.957,21	11.317,35
05.10.2019	06:30:00	7.278,98	7.041,20	11.420,53

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.10.2019	06:45:00	7.404,75	7.156,04	11.567,97
05.10.2019	07:00:00	7.552,62	7.182,50	11.713,46
05.10.2019	07:15:00	7.871,52	7.535,46	12.145,22
05.10.2019	07:30:00	8.012,85	7.687,74	12.364,40
05.10.2019	07:45:00	8.127,06	7.873,86	12.688,08
05.10.2019	08:00:00	8.491,48	8.240,94	13.154,78
05.10.2019	08:15:00	8.980,86	8.614,01	13.584,61
05.10.2019	08:30:00	9.066,93	8.772,72	13.865,57
05.10.2019	08:45:00	9.637,27	9.369,31	14.528,32
05.10.2019	09:00:00	10.027,10	9.828,36	15.094,78
05.10.2019	09:15:00	10.450,73	10.188,46	15.598,84
05.10.2019	09:30:00	10.788,32	10.524,48	15.938,17
05.10.2019	09:45:00	11.061,54	10.579,26	15.953,63
05.10.2019	10:00:00	11.036,65	10.123,09	15.476,28
05.10.2019	10:15:00	11.645,64	10.615,82	15.947,44
05.10.2019	10:30:00	11.718,37	10.630,99	15.883,47
05.10.2019	10:45:00	11.690,82	9.937,81	15.109,32
05.10.2019	11:00:00	12.058,25	10.317,91	15.492,86
05.10.2019	11:15:00	12.231,84	11.710,39	17.067,99
05.10.2019	11:30:00	12.572,89	11.810,68	17.096,13
05.10.2019	11:45:00	13.067,34	12.112,59	17.320,77
05.10.2019	12:00:00	13.000,19	11.896,31	17.103,95
05.10.2019	12:15:00	13.103,46	11.871,04	16.894,01
05.10.2019	12:30:00	13.278,27	12.260,53	17.451,47
05.10.2019	12:45:00	13.260,28	12.131,53	17.249,52
05.10.2019	13:00:00	12.959,04	11.740,41	16.805,40
05.10.2019	13:15:00	12.772,70	11.387,85	16.391,68
05.10.2019	13:30:00	13.297,76	11.667,92	16.570,13
05.10.2019	13:45:00	12.952,16	11.571,42	16.439,91
05.10.2019	14:00:00	12.946,20	11.275,48	16.072,97
05.10.2019	14:15:00	12.624,67	11.126,79	15.872,21
05.10.2019	14:30:00	12.149,21	11.317,18	16.013,45
05.10.2019	14:45:00	11.846,11	11.078,13	15.790,33
05.10.2019	15:00:00	11.770,90	10.872,57	15.511,78
05.10.2019	15:15:00	11.591,99	10.768,49	15.343,73
05.10.2019	15:30:00	11.335,15	10.520,76	15.163,48
05.10.2019	15:45:00	11.139,69	10.341,65	14.916,19
05.10.2019	16:00:00	11.032,48	9.802,26	14.433,39
05.10.2019	16:15:00	11.268,52	9.951,49	14.646,79
05.10.2019	16:30:00	10.938,06	9.595,64	14.193,38
05.10.2019	16:45:00	11.002,79	9.864,92	14.340,56
05.10.2019	17:00:00	11.094,00	10.049,48	14.562,97
05.10.2019	17:15:00	11.165,25	10.027,89	14.523,66
05.10.2019	17:30:00	11.256,77	9.856,51	14.233,17
05.10.2019	17:45:00	11.292,42	10.384,15	14.875,20
05.10.2019	18:00:00	11.713,12	11.125,25	15.659,87
05.10.2019	18:15:00	12.013,20	11.487,00	16.024,34
05.10.2019	18:30:00	12.106,43	11.588,81	16.127,86
05.10.2019	18:45:00	12.277,00	11.775,09	16.254,85
05.10.2019	19:00:00	12.211,43	11.744,90	16.282,28
05.10.2019	19:15:00	12.681,32	12.214,28	16.853,21
05.10.2019	19:30:00	13.350,45	12.889,40	17.464,76
05.10.2019	19:45:00	13.222,58	12.767,11	17.316,74
05.10.2019	20:00:00	13.080,16	12.642,16	17.171,04
05.10.2019	20:15:00	12.740,75	12.359,88	16.729,54
05.10.2019	20:30:00	12.460,54	12.079,15	16.319,23
05.10.2019	20:45:00	12.290,68	11.894,09	16.092,86
05.10.2019	21:00:00	11.938,46	11.439,11	15.498,97
05.10.2019	21:15:00	11.911,20	11.404,78	15.366,42
05.10.2019	21:30:00	12.220,20	11.674,45	15.762,33
05.10.2019	21:45:00	11.889,95	11.334,63	15.341,59
05.10.2019	22:00:00	11.467,23	10.912,45	14.811,16
05.10.2019	22:15:00	11.517,07	10.963,41	14.787,98
05.10.2019	22:30:00	11.372,83	10.819,39	14.609,11
05.10.2019	22:45:00	11.300,87	10.738,46	14.367,79
05.10.2019	23:00:00	11.238,91	10.673,63	14.474,03
05.10.2019	23:15:00	10.848,74	10.281,09	13.969,32
05.10.2019	23:30:00	10.337,55	9.769,04	13.477,80
05.10.2019	23:45:00	9.846,02	9.365,24	13.016,17
06.10.2019	00:00:00	9.411,32	8.943,50	12.478,98
06.10.2019	00:15:00	8.974,24	8.695,34	12.202,26

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.10.2019	00:30:00	8.593,52	8.320,54	11.828,63
06.10.2019	00:45:00	8.199,43	7.926,70	11.331,59
06.10.2019	01:00:00	7.961,26	7.682,53	11.145,73
06.10.2019	01:15:00	7.706,52	7.427,06	10.906,20
06.10.2019	01:30:00	7.602,84	7.351,87	10.800,92
06.10.2019	01:45:00	7.364,90	7.133,85	10.578,82
06.10.2019	02:00:00	7.247,21	6.972,38	10.445,22
06.10.2019	02:15:00	7.115,30	6.830,83	10.275,51
06.10.2019	02:30:00	7.101,13	6.818,98	10.361,09
06.10.2019	02:45:00	7.116,30	6.833,75	10.446,13
06.10.2019	03:00:00	7.067,42	6.786,19	10.341,35
06.10.2019	03:15:00	6.921,79	6.637,59	10.161,70
06.10.2019	03:30:00	7.035,10	6.748,88	10.214,96
06.10.2019	03:45:00	7.075,63	6.788,66	10.248,15
06.10.2019	04:00:00	7.105,41	6.818,45	10.288,60
06.10.2019	04:15:00	7.177,49	6.896,22	10.300,75
06.10.2019	04:30:00	7.167,48	6.884,52	10.310,29
06.10.2019	04:45:00	7.037,00	6.751,73	10.177,13
06.10.2019	05:00:00	7.134,64	6.860,09	10.276,12
06.10.2019	05:15:00	7.108,75	6.836,23	10.335,24
06.10.2019	05:30:00	6.992,64	6.721,24	10.325,53
06.10.2019	05:45:00	7.155,22	6.886,92	10.430,50
06.10.2019	06:00:00	7.056,37	6.783,85	10.425,47
06.10.2019	06:15:00	6.903,54	6.647,71	10.415,03
06.10.2019	06:30:00	6.911,31	6.659,79	10.433,34
06.10.2019	06:45:00	6.810,37	6.374,94	10.161,97
06.10.2019	07:00:00	6.761,25	6.189,37	9.962,20
06.10.2019	07:15:00	7.134,64	6.559,92	10.227,41
06.10.2019	07:30:00	7.007,03	6.436,27	10.151,95
06.10.2019	07:45:00	7.250,01	6.652,80	10.385,28
06.10.2019	08:00:00	7.635,22	6.964,74	10.645,77
06.10.2019	08:15:00	7.923,70	7.274,05	10.968,48
06.10.2019	08:30:00	8.262,93	7.613,76	11.291,93
06.10.2019	08:45:00	8.513,88	7.882,56	11.574,81
06.10.2019	09:00:00	8.870,36	8.159,19	11.929,52
06.10.2019	09:15:00	9.400,34	8.559,22	12.290,41
06.10.2019	09:30:00	9.781,80	8.887,40	12.443,25
06.10.2019	09:45:00	10.000,21	9.122,68	12.729,18
06.10.2019	10:00:00	10.306,29	9.383,16	13.029,72
06.10.2019	10:15:00	10.662,49	9.533,72	13.154,84
06.10.2019	10:30:00	10.864,46	9.625,24	13.333,33
06.10.2019	10:45:00	11.130,59	10.078,88	13.832,32
06.10.2019	11:00:00	11.274,45	10.312,26	13.996,64
06.10.2019	11:15:00	11.641,43	10.712,00	14.406,11
06.10.2019	11:30:00	12.123,74	11.277,11	15.060,10
06.10.2019	11:45:00	12.547,74	11.630,18	15.353,54
06.10.2019	12:00:00	12.865,43	11.349,94	15.034,54
06.10.2019	12:15:00	12.756,21	10.917,82	14.612,44
06.10.2019	12:30:00	12.954,77	11.357,51	15.075,31
06.10.2019	12:45:00	12.581,24	10.189,01	13.845,07
06.10.2019	13:00:00	12.446,21	10.632,16	14.359,48
06.10.2019	13:15:00	12.418,09	10.817,32	14.579,07
06.10.2019	13:30:00	12.400,65	10.221,94	13.931,36
06.10.2019	13:45:00	12.062,78	10.548,53	14.297,95
06.10.2019	14:00:00	11.806,19	10.629,36	14.406,66
06.10.2019	14:15:00	11.591,07	10.130,56	13.877,48
06.10.2019	14:30:00	11.372,79	9.817,47	13.488,60
06.10.2019	14:45:00	11.304,04	10.360,13	14.074,35
06.10.2019	15:00:00	11.235,39	10.296,25	13.989,50
06.10.2019	15:15:00	11.083,35	10.076,56	13.844,90
06.10.2019	15:30:00	10.876,81	9.541,46	13.237,38
06.10.2019	15:45:00	10.878,21	9.651,08	13.378,17
06.10.2019	16:00:00	10.736,93	9.806,50	13.571,04
06.10.2019	16:15:00	10.831,01	9.906,08	13.784,11
06.10.2019	16:30:00	10.816,41	9.947,90	13.868,02
06.10.2019	16:45:00	10.872,49	10.137,26	14.159,87
06.10.2019	17:00:00	11.229,20	10.518,01	14.550,02
06.10.2019	17:15:00	11.148,05	10.386,73	14.759,35
06.10.2019	17:30:00	11.248,19	10.477,75	14.789,31
06.10.2019	17:45:00	11.625,81	11.002,90	15.252,03
06.10.2019	18:00:00	11.838,61	11.303,94	15.535,61

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.10.2019	18:15:00	12.265,77	11.731,82	15.990,84
06.10.2019	18:30:00	12.263,86	11.762,11	15.950,39
06.10.2019	18:45:00	12.307,39	11.823,67	16.079,14
06.10.2019	19:00:00	12.699,76	12.225,15	16.536,23
06.10.2019	19:15:00	13.411,63	12.942,73	17.340,26
06.10.2019	19:30:00	13.640,00	13.250,68	17.577,82
06.10.2019	19:45:00	13.477,31	13.103,56	17.395,36
06.10.2019	20:00:00	13.112,34	12.739,57	17.045,10
06.10.2019	20:15:00	13.010,03	12.631,35	16.940,88
06.10.2019	20:30:00	12.772,56	12.347,18	16.647,00
06.10.2019	20:45:00	12.672,51	12.259,01	16.491,16
06.10.2019	21:00:00	11.999,69	11.769,43	16.050,04
06.10.2019	21:15:00	11.788,07	11.605,03	15.573,80
06.10.2019	21:30:00	12.190,52	11.993,14	15.908,31
06.10.2019	21:45:00	11.853,84	11.679,78	15.442,36
06.10.2019	22:00:00	11.405,76	11.227,98	15.022,07
06.10.2019	22:15:00	11.182,45	11.003,13	14.906,83
06.10.2019	22:30:00	10.755,78	10.545,56	14.624,48
06.10.2019	22:45:00	10.583,84	10.398,94	14.476,04
06.10.2019	23:00:00	10.541,32	10.357,66	14.395,85
06.10.2019	23:15:00	9.804,33	9.616,88	13.599,38
06.10.2019	23:30:00	9.281,31	9.069,88	13.095,96
06.10.2019	23:45:00	8.837,68	8.642,15	12.783,08
07.10.2019	00:00:00	8.478,60	8.293,78	12.386,10
07.10.2019	00:15:00	8.069,01	7.879,25	11.967,17
07.10.2019	00:30:00	7.799,49	7.596,88	11.690,94
07.10.2019	00:45:00	7.358,21	7.159,69	11.335,68
07.10.2019	01:00:00	7.112,56	6.914,63	11.105,34
07.10.2019	01:15:00	6.973,82	6.770,37	10.881,08
07.10.2019	01:30:00	6.860,90	6.651,20	10.665,49
07.10.2019	01:45:00	6.786,28	6.574,86	10.533,66
07.10.2019	02:00:00	6.633,79	6.411,93	10.362,25
07.10.2019	02:15:00	6.670,68	6.441,13	10.401,48
07.10.2019	02:30:00	6.719,78	6.477,58	10.540,81
07.10.2019	02:45:00	6.691,42	6.335,43	10.513,65
07.10.2019	03:00:00	6.702,97	6.362,54	10.573,93
07.10.2019	03:15:00	6.597,08	6.259,77	10.385,99
07.10.2019	03:30:00	6.631,28	6.295,64	10.622,07
07.10.2019	03:45:00	6.775,88	6.433,84	10.645,75
07.10.2019	04:00:00	6.660,64	6.271,98	10.348,58
07.10.2019	04:15:00	6.984,98	6.599,01	10.621,52
07.10.2019	04:30:00	7.113,92	6.730,69	10.803,41
07.10.2019	04:45:00	7.327,95	6.949,52	11.022,25
07.10.2019	05:00:00	7.502,31	7.132,66	11.528,02
07.10.2019	05:15:00	7.834,18	7.486,38	12.850,23
07.10.2019	05:30:00	7.936,51	7.602,15	13.209,14
07.10.2019	05:45:00	8.323,47	8.005,91	13.997,57
07.10.2019	06:00:00	8.630,17	8.313,40	15.072,43
07.10.2019	06:15:00	8.829,63	8.528,73	16.340,99
07.10.2019	06:30:00	9.341,94	9.079,10	17.730,28
07.10.2019	06:45:00	9.571,20	9.122,21	18.244,88
07.10.2019	07:00:00	10.249,04	9.806,72	19.641,36
07.10.2019	07:15:00	10.790,99	10.349,33	20.439,54
07.10.2019	07:30:00	11.057,91	10.617,23	21.188,02
07.10.2019	07:45:00	10.730,39	10.291,43	21.116,16
07.10.2019	08:00:00	10.950,65	10.525,07	22.089,53
07.10.2019	08:15:00	11.138,64	10.612,75	22.316,60
07.10.2019	08:30:00	10.996,38	10.316,64	22.025,45
07.10.2019	08:45:00	11.275,18	10.817,83	22.649,19
07.10.2019	09:00:00	11.913,03	11.496,81	23.575,81
07.10.2019	09:15:00	12.138,73	11.742,12	23.496,73
07.10.2019	09:30:00	12.268,47	11.776,56	23.283,46
07.10.2019	09:45:00	12.261,54	11.486,36	23.567,74
07.10.2019	10:00:00	11.949,89	10.772,98	22.932,51
07.10.2019	10:15:00	11.552,06	9.957,44	21.842,74
07.10.2019	10:30:00	11.207,30	9.893,92	21.750,35
07.10.2019	10:45:00	12.030,13	10.003,91	21.898,89
07.10.2019	11:00:00	11.684,51	9.993,17	21.966,70
07.10.2019	11:15:00	11.760,94	9.793,67	21.711,61
07.10.2019	11:30:00	13.264,39	10.132,90	22.190,68
07.10.2019	11:45:00	12.548,77	9.889,29	21.649,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.10.2019	12:00:00	11.853,86	8.043,93	19.487,24
07.10.2019	12:15:00	13.292,54	8.501,60	19.662,04
07.10.2019	12:30:00	14.660,17	10.292,81	21.357,65
07.10.2019	12:45:00	12.373,35	10.495,62	21.794,84
07.10.2019	13:00:00	10.944,43	9.126,89	20.545,07
07.10.2019	13:15:00	12.862,78	7.350,03	18.794,34
07.10.2019	13:30:00	12.693,80	8.264,36	19.756,31
07.10.2019	13:45:00	12.922,64	7.523,37	19.039,72
07.10.2019	14:00:00	11.773,50	6.169,28	17.476,54
07.10.2019	14:15:00	11.872,80	6.349,41	17.622,01
07.10.2019	14:30:00	11.892,65	6.413,33	17.717,05
07.10.2019	14:45:00	11.609,59	6.137,43	17.045,44
07.10.2019	15:00:00	10.310,31	6.198,29	16.886,36
07.10.2019	15:15:00	11.802,67	7.086,83	17.806,26
07.10.2019	15:30:00	10.792,93	6.927,32	17.335,69
07.10.2019	15:45:00	11.586,04	7.503,89	17.586,14
07.10.2019	16:00:00	11.890,93	7.398,56	17.274,01
07.10.2019	16:15:00	11.774,17	7.738,30	17.553,78
07.10.2019	16:30:00	11.058,61	9.023,05	18.774,37
07.10.2019	16:45:00	11.328,61	9.717,78	19.399,87
07.10.2019	17:00:00	11.420,55	9.689,31	19.091,55
07.10.2019	17:15:00	11.346,42	10.586,37	19.806,74
07.10.2019	17:30:00	11.494,45	10.502,26	19.561,35
07.10.2019	17:45:00	11.737,72	10.052,06	18.922,88
07.10.2019	18:00:00	11.509,21	10.372,43	19.086,87
07.10.2019	18:15:00	11.807,08	11.169,14	19.630,23
07.10.2019	18:30:00	12.087,30	11.646,44	20.058,71
07.10.2019	18:45:00	12.377,53	11.988,94	20.301,17
07.10.2019	19:00:00	12.821,31	12.497,08	20.778,48
07.10.2019	19:15:00	13.621,82	13.235,17	21.671,49
07.10.2019	19:30:00	14.108,04	13.680,06	22.053,21
07.10.2019	19:45:00	14.162,39	13.708,49	21.815,34
07.10.2019	20:00:00	13.951,33	13.490,77	21.492,84
07.10.2019	20:15:00	13.533,94	13.057,68	20.955,90
07.10.2019	20:30:00	13.219,06	12.736,84	20.344,50
07.10.2019	20:45:00	13.053,57	12.573,01	19.973,38
07.10.2019	21:00:00	12.765,02	12.284,13	19.608,28
07.10.2019	21:15:00	12.589,81	12.106,28	19.358,09
07.10.2019	21:30:00	12.954,45	12.460,47	19.646,27
07.10.2019	21:45:00	12.533,28	12.013,07	18.923,30
07.10.2019	22:00:00	12.014,27	11.520,88	18.236,61
07.10.2019	22:15:00	11.687,68	11.193,78	17.571,56
07.10.2019	22:30:00	11.189,28	10.688,53	16.721,35
07.10.2019	22:45:00	10.909,98	10.390,29	16.119,19
07.10.2019	23:00:00	10.623,43	10.395,47	16.007,59
07.10.2019	23:15:00	9.806,11	9.605,15	14.993,59
07.10.2019	23:30:00	9.132,81	8.923,95	14.248,03
07.10.2019	23:45:00	8.632,86	8.421,51	13.643,89
08.10.2019	00:00:00	8.144,98	7.932,33	13.099,71
08.10.2019	00:15:00	7.721,62	7.503,80	12.637,36
08.10.2019	00:30:00	7.445,63	7.225,93	12.524,13
08.10.2019	00:45:00	7.221,39	7.001,97	12.279,70
08.10.2019	01:00:00	6.943,42	6.714,03	12.057,11
08.10.2019	01:15:00	6.692,40	6.476,69	11.796,38
08.10.2019	01:30:00	6.578,07	6.358,40	11.622,63
08.10.2019	01:45:00	6.445,61	6.221,94	11.362,83
08.10.2019	02:00:00	6.396,24	6.176,42	11.248,79
08.10.2019	02:15:00	6.406,06	6.170,74	11.162,24
08.10.2019	02:30:00	6.504,81	6.289,45	11.322,88
08.10.2019	02:45:00	6.571,47	6.362,83	11.406,02
08.10.2019	03:00:00	6.398,18	6.181,73	11.317,64
08.10.2019	03:15:00	6.354,43	6.164,55	11.215,06
08.10.2019	03:30:00	6.340,94	6.100,35	11.090,35
08.10.2019	03:45:00	6.513,76	6.282,27	11.231,07
08.10.2019	04:00:00	6.612,40	6.388,05	11.459,55
08.10.2019	04:15:00	6.673,48	6.463,76	11.580,23
08.10.2019	04:30:00	6.878,00	6.660,43	11.721,67
08.10.2019	04:45:00	6.973,93	6.711,09	11.877,12
08.10.2019	05:00:00	7.229,17	6.972,51	12.407,04
08.10.2019	05:15:00	7.735,19	7.463,05	13.296,16
08.10.2019	05:30:00	7.926,88	7.621,12	13.646,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.10.2019	05:45:00	8.348,79	8.037,72	14.387,36
08.10.2019	06:00:00	8.691,77	8.381,83	15.282,09
08.10.2019	06:15:00	9.133,62	8.835,48	17.111,77
08.10.2019	06:30:00	9.404,39	9.119,42	18.430,10
08.10.2019	06:45:00	9.648,26	9.197,79	19.045,01
08.10.2019	07:00:00	10.055,11	9.598,66	20.074,71
08.10.2019	07:15:00	10.704,85	10.251,76	21.172,50
08.10.2019	07:30:00	10.719,20	10.269,03	21.634,57
08.10.2019	07:45:00	10.451,60	9.996,04	21.670,50
08.10.2019	08:00:00	10.701,54	10.218,80	22.036,12
08.10.2019	08:15:00	10.807,87	10.290,44	22.479,44
08.10.2019	08:30:00	10.991,83	10.393,47	22.618,00
08.10.2019	08:45:00	11.036,45	10.420,70	22.737,98
08.10.2019	09:00:00	11.263,93	10.555,06	22.974,38
08.10.2019	09:15:00	11.765,14	11.031,46	22.892,36
08.10.2019	09:30:00	11.789,98	11.050,29	22.813,77
08.10.2019	09:45:00	11.781,51	10.694,82	22.811,43
08.10.2019	10:00:00	11.788,99	10.411,95	22.770,35
08.10.2019	10:15:00	11.696,91	9.867,21	22.227,46
08.10.2019	10:30:00	11.699,30	9.704,68	22.016,37
08.10.2019	10:45:00	11.684,00	9.489,84	21.921,66
08.10.2019	11:00:00	11.999,97	9.759,39	22.394,76
08.10.2019	11:15:00	12.182,00	10.687,03	23.357,12
08.10.2019	11:30:00	12.373,88	10.171,58	22.913,78
08.10.2019	11:45:00	12.565,90	10.619,35	23.647,41
08.10.2019	12:00:00	12.670,87	10.841,07	23.407,61
08.10.2019	12:15:00	13.176,28	11.336,07	23.232,70
08.10.2019	12:30:00	12.882,15	11.000,77	22.585,11
08.10.2019	12:45:00	12.649,93	10.575,99	22.417,76
08.10.2019	13:00:00	12.531,71	10.657,33	22.627,18
08.10.2019	13:15:00	12.254,06	10.511,99	22.581,37
08.10.2019	13:30:00	12.025,76	10.137,14	22.140,40
08.10.2019	13:45:00	11.668,93	10.346,40	22.318,50
08.10.2019	14:00:00	11.660,78	10.069,38	22.092,32
08.10.2019	14:15:00	11.974,63	9.107,73	21.294,42
08.10.2019	14:30:00	11.991,61	9.395,26	21.737,85
08.10.2019	14:45:00	11.780,58	10.577,16	22.651,12
08.10.2019	15:00:00	11.735,66	10.439,17	22.462,49
08.10.2019	15:15:00	11.559,18	10.608,36	22.638,31
08.10.2019	15:30:00	11.407,27	10.231,50	22.020,33
08.10.2019	15:45:00	11.233,26	10.244,16	21.636,43
08.10.2019	16:00:00	11.481,15	10.594,60	21.638,85
08.10.2019	16:15:00	11.608,35	11.001,76	21.714,44
08.10.2019	16:30:00	11.648,98	11.061,16	21.550,06
08.10.2019	16:45:00	11.876,75	11.381,46	21.721,23
08.10.2019	17:00:00	11.986,61	11.310,04	21.381,76
08.10.2019	17:15:00	12.023,12	11.330,40	21.101,00
08.10.2019	17:30:00	12.232,75	11.666,96	21.350,52
08.10.2019	17:45:00	12.436,36	11.950,48	21.522,68
08.10.2019	18:00:00	12.779,90	12.340,60	21.779,00
08.10.2019	18:15:00	12.919,49	12.524,57	21.707,19
08.10.2019	18:30:00	12.930,79	12.641,01	21.528,07
08.10.2019	18:45:00	13.058,10	12.824,16	21.376,62
08.10.2019	19:00:00	13.179,95	12.973,53	21.424,90
08.10.2019	19:15:00	14.104,52	13.853,64	22.371,35
08.10.2019	19:30:00	14.523,38	14.312,22	22.703,24
08.10.2019	19:45:00	14.286,76	14.088,77	22.266,50
08.10.2019	20:00:00	14.002,37	13.693,21	21.558,91
08.10.2019	20:15:00	13.734,06	13.244,32	20.797,73
08.10.2019	20:30:00	13.572,47	13.104,68	20.681,80
08.10.2019	20:45:00	13.187,27	12.722,00	20.192,00
08.10.2019	21:00:00	12.657,38	12.192,42	19.538,10
08.10.2019	21:15:00	12.429,27	11.961,58	19.204,22
08.10.2019	21:30:00	12.672,21	12.197,08	19.445,66
08.10.2019	21:45:00	12.047,74	11.592,54	18.687,24
08.10.2019	22:00:00	11.591,94	11.163,25	18.063,08
08.10.2019	22:15:00	11.141,44	10.757,66	17.384,14
08.10.2019	22:30:00	10.771,08	10.583,51	16.805,93
08.10.2019	22:45:00	10.497,97	10.317,19	16.230,05
08.10.2019	23:00:00	10.301,71	10.087,71	15.837,45
08.10.2019	23:15:00	9.601,61	9.419,62	14.994,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.10.2019	23:30:00	8.948,89	8.767,37	14.147,10
08.10.2019	23:45:00	8.507,77	8.323,28	13.648,97
09.10.2019	00:00:00	7.975,46	7.774,62	13.063,19
09.10.2019	00:15:00	7.550,21	7.334,83	12.626,44
09.10.2019	00:30:00	7.169,43	6.957,57	12.273,24
09.10.2019	00:45:00	6.863,02	6.653,41	11.909,54
09.10.2019	01:00:00	6.647,18	6.445,04	11.847,27
09.10.2019	01:15:00	6.519,58	6.310,23	11.743,90
09.10.2019	01:30:00	6.414,54	6.191,23	11.533,69
09.10.2019	01:45:00	6.328,91	6.129,22	11.344,33
09.10.2019	02:00:00	6.287,22	6.103,37	11.387,60
09.10.2019	02:15:00	6.262,68	6.043,63	11.216,78
09.10.2019	02:30:00	6.329,32	6.127,32	11.363,38
09.10.2019	02:45:00	6.433,27	6.189,56	11.319,10
09.10.2019	03:00:00	6.428,97	6.190,70	11.380,25
09.10.2019	03:15:00	6.368,35	6.117,06	11.295,11
09.10.2019	03:30:00	6.213,92	5.948,74	11.189,34
09.10.2019	03:45:00	6.242,80	5.983,13	11.226,12
09.10.2019	04:00:00	6.399,53	6.135,10	11.293,37
09.10.2019	04:15:00	6.640,31	6.417,95	11.606,24
09.10.2019	04:30:00	6.701,60	6.491,74	11.864,71
09.10.2019	04:45:00	6.761,55	6.529,63	12.005,21
09.10.2019	05:00:00	7.032,49	6.777,41	12.405,55
09.10.2019	05:15:00	7.420,11	7.182,12	13.153,97
09.10.2019	05:30:00	7.445,45	7.248,75	13.447,87
09.10.2019	05:45:00	7.899,83	7.666,97	14.215,38
09.10.2019	06:00:00	8.446,20	8.156,69	15.293,68
09.10.2019	06:15:00	8.910,90	8.633,26	17.196,28
09.10.2019	06:30:00	9.295,97	8.985,27	18.308,26
09.10.2019	06:45:00	9.756,72	9.286,76	19.042,15
09.10.2019	07:00:00	10.202,87	9.763,50	20.329,76
09.10.2019	07:15:00	10.749,44	10.312,58	21.383,90
09.10.2019	07:30:00	11.197,01	10.761,87	22.294,11
09.10.2019	07:45:00	10.808,58	10.369,83	21.934,38
09.10.2019	08:00:00	10.855,30	10.402,45	22.525,45
09.10.2019	08:15:00	11.194,55	10.701,45	22.916,66
09.10.2019	08:30:00	11.318,96	10.845,15	23.250,54
09.10.2019	08:45:00	11.542,60	10.986,82	23.697,65
09.10.2019	09:00:00	11.585,17	11.070,02	23.893,82
09.10.2019	09:15:00	12.179,81	11.596,18	24.074,26
09.10.2019	09:30:00	12.026,56	11.075,24	23.339,28
09.10.2019	09:45:00	12.140,23	11.439,73	24.061,72
09.10.2019	10:00:00	12.134,92	11.170,15	24.325,79
09.10.2019	10:15:00	12.347,35	11.374,42	24.501,00
09.10.2019	10:30:00	12.488,27	11.729,74	24.987,99
09.10.2019	10:45:00	12.338,86	11.326,56	24.532,65
09.10.2019	11:00:00	12.520,10	11.498,46	24.650,09
09.10.2019	11:15:00	12.510,19	11.424,48	24.546,18
09.10.2019	11:30:00	12.552,47	11.601,36	24.807,70
09.10.2019	11:45:00	13.005,03	12.017,51	25.342,92
09.10.2019	12:00:00	13.283,63	11.967,44	24.911,76
09.10.2019	12:15:00	13.578,04	12.640,29	25.059,06
09.10.2019	12:30:00	13.824,74	13.401,22	25.393,16
09.10.2019	12:45:00	13.332,45	13.075,14	25.315,54
09.10.2019	13:00:00	13.321,66	12.569,57	24.884,29
09.10.2019	13:15:00	12.969,63	12.332,43	24.883,99
09.10.2019	13:30:00	12.826,87	12.059,70	24.713,58
09.10.2019	13:45:00	12.685,18	11.705,76	24.262,45
09.10.2019	14:00:00	12.522,33	12.048,60	24.644,15
09.10.2019	14:15:00	12.565,55	12.090,67	24.541,86
09.10.2019	14:30:00	12.462,92	11.643,91	23.718,69
09.10.2019	14:45:00	12.161,13	11.487,57	23.510,79
09.10.2019	15:00:00	12.035,60	11.144,75	23.218,79
09.10.2019	15:15:00	12.018,10	11.299,96	23.224,21
09.10.2019	15:30:00	12.078,67	11.466,29	23.127,41
09.10.2019	15:45:00	12.096,59	11.287,06	22.425,64
09.10.2019	16:00:00	11.955,64	10.788,32	21.656,98
09.10.2019	16:15:00	12.068,87	10.941,74	21.232,72
09.10.2019	16:30:00	12.002,22	10.824,84	20.846,52
09.10.2019	16:45:00	12.070,04	10.804,02	20.434,13
09.10.2019	17:00:00	12.138,61	9.821,41	19.230,20

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.10.2019	17:15:00	12.015,05	10.632,25	19.646,57
09.10.2019	17:30:00	12.130,57	10.965,49	19.758,09
09.10.2019	17:45:00	12.217,12	11.149,22	19.678,99
09.10.2019	18:00:00	12.368,11	11.108,25	19.609,54
09.10.2019	18:15:00	12.480,72	11.709,39	19.889,78
09.10.2019	18:30:00	12.555,52	11.961,71	19.982,20
09.10.2019	18:45:00	12.722,97	12.217,87	20.254,81
09.10.2019	19:00:00	13.178,68	12.738,50	20.733,36
09.10.2019	19:15:00	14.027,93	13.588,47	21.528,55
09.10.2019	19:30:00	14.429,25	13.971,13	21.938,56
09.10.2019	19:45:00	14.223,68	13.762,48	21.614,50
09.10.2019	20:00:00	14.129,38	13.626,93	21.302,36
09.10.2019	20:15:00	13.817,20	13.279,78	20.750,72
09.10.2019	20:30:00	13.643,60	13.101,86	20.497,79
09.10.2019	20:45:00	13.340,36	12.825,15	20.070,94
09.10.2019	21:00:00	12.932,20	12.413,65	19.583,59
09.10.2019	21:15:00	12.862,79	12.437,34	19.515,30
09.10.2019	21:30:00	13.393,34	12.962,04	19.876,57
09.10.2019	21:45:00	13.017,70	12.608,40	19.316,42
09.10.2019	22:00:00	12.597,57	12.187,65	18.816,48
09.10.2019	22:15:00	12.292,64	11.905,81	18.240,47
09.10.2019	22:30:00	11.962,00	11.737,70	17.776,46
09.10.2019	22:45:00	11.914,84	11.652,56	17.508,08
09.10.2019	23:00:00	11.746,82	11.486,92	17.200,19
09.10.2019	23:15:00	11.109,11	10.885,12	16.515,10
09.10.2019	23:30:00	10.323,61	10.088,52	15.540,36
09.10.2019	23:45:00	9.766,74	9.483,33	14.716,87
10.10.2019	00:00:00	9.306,94	8.901,51	14.095,76
10.10.2019	00:15:00	8.844,92	8.398,90	13.576,06
10.10.2019	00:30:00	8.189,74	7.722,05	12.894,32
10.10.2019	00:45:00	7.709,13	7.209,17	12.349,43
10.10.2019	01:00:00	7.399,79	6.942,23	12.031,86
10.10.2019	01:15:00	7.224,64	6.765,81	11.898,68
10.10.2019	01:30:00	7.150,05	6.705,87	11.763,17
10.10.2019	01:45:00	7.049,55	6.627,97	11.817,59
10.10.2019	02:00:00	6.959,40	6.583,21	11.744,10
10.10.2019	02:15:00	6.884,87	6.522,03	11.522,99
10.10.2019	02:30:00	7.027,22	6.821,89	11.918,03
10.10.2019	02:45:00	7.125,75	6.910,52	11.873,24
10.10.2019	03:00:00	7.202,24	7.030,17	12.026,01
10.10.2019	03:15:00	7.081,72	6.919,58	11.911,33
10.10.2019	03:30:00	7.139,71	6.958,97	11.955,04
10.10.2019	03:45:00	7.285,80	7.052,73	12.167,56
10.10.2019	04:00:00	7.494,03	7.208,39	12.324,09
10.10.2019	04:15:00	7.627,28	7.352,77	12.419,79
10.10.2019	04:30:00	7.613,39	7.314,37	12.463,34
10.10.2019	04:45:00	7.677,28	7.354,23	12.672,83
10.10.2019	05:00:00	7.792,85	7.480,48	13.034,58
10.10.2019	05:15:00	8.182,75	7.886,80	13.920,74
10.10.2019	05:30:00	8.252,03	7.974,07	14.185,62
10.10.2019	05:45:00	8.674,63	8.407,73	14.868,09
10.10.2019	06:00:00	9.033,74	8.785,28	15.861,30
10.10.2019	06:15:00	9.336,80	9.095,35	17.657,08
10.10.2019	06:30:00	9.668,51	9.296,75	18.599,67
10.10.2019	06:45:00	9.828,63	9.416,82	19.067,81
10.10.2019	07:00:00	10.461,34	10.077,78	20.489,17
10.10.2019	07:15:00	10.919,58	10.534,81	21.613,80
10.10.2019	07:30:00	11.087,02	10.715,07	22.115,30
10.10.2019	07:45:00	10.850,23	10.472,30	22.147,14
10.10.2019	08:00:00	10.873,38	10.405,66	22.339,55
10.10.2019	08:15:00	10.821,28	10.199,64	22.457,24
10.10.2019	08:30:00	11.290,80	10.819,22	23.285,54
10.10.2019	08:45:00	11.565,02	10.999,17	23.706,80
10.10.2019	09:00:00	11.546,96	10.865,49	23.405,32
10.10.2019	09:15:00	12.038,02	11.442,80	23.817,23
10.10.2019	09:30:00	12.115,89	11.427,20	23.757,27
10.10.2019	09:45:00	12.026,82	11.259,21	24.138,04
10.10.2019	10:00:00	12.371,77	11.383,58	24.228,18
10.10.2019	10:15:00	12.497,88	11.305,92	24.047,61
10.10.2019	10:30:00	12.630,99	11.610,08	24.466,22
10.10.2019	10:45:00	12.747,02	11.567,29	24.883,18

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.10.2019	11:00:00	13.024,66	11.640,75	24.770,39
10.10.2019	11:15:00	13.334,23	10.013,89	22.952,33
10.10.2019	11:30:00	13.104,48	11.202,65	24.237,11
10.10.2019	11:45:00	13.301,01	10.832,62	23.823,27
10.10.2019	12:00:00	13.195,83	12.055,65	24.935,72
10.10.2019	12:15:00	13.467,70	10.813,03	23.054,94
10.10.2019	12:30:00	12.730,78	10.132,60	21.948,99
10.10.2019	12:45:00	13.523,22	10.233,60	22.150,64
10.10.2019	13:00:00	12.330,00	10.233,35	22.280,32
10.10.2019	13:15:00	12.496,28	10.512,01	22.560,23
10.10.2019	13:30:00	12.384,32	10.969,07	23.149,67
10.10.2019	13:45:00	11.816,97	7.591,56	19.364,55
10.10.2019	14:00:00	11.991,46	8.652,73	20.486,41
10.10.2019	14:15:00	12.248,86	8.434,04	20.359,02
10.10.2019	14:30:00	11.863,00	8.343,71	20.262,30
10.10.2019	14:45:00	12.577,65	9.119,68	20.576,96
10.10.2019	15:00:00	11.605,29	9.899,94	21.185,73
10.10.2019	15:15:00	11.491,80	9.399,26	20.518,39
10.10.2019	15:30:00	11.777,04	8.441,22	19.218,46
10.10.2019	15:45:00	11.670,42	10.349,99	21.100,22
10.10.2019	16:00:00	11.498,96	10.055,81	20.330,00
10.10.2019	16:15:00	12.142,60	8.688,46	18.336,78
10.10.2019	16:30:00	11.748,74	10.036,39	19.654,11
10.10.2019	16:45:00	12.253,31	9.354,01	18.648,71
10.10.2019	17:00:00	12.157,48	10.278,60	19.414,72
10.10.2019	17:15:00	12.078,06	11.092,86	20.050,40
10.10.2019	17:30:00	12.113,99	11.422,86	20.070,64
10.10.2019	17:45:00	12.332,91	11.666,81	20.402,68
10.10.2019	18:00:00	12.583,19	12.131,87	20.886,93
10.10.2019	18:15:00	12.588,41	11.882,36	20.519,82
10.10.2019	18:30:00	12.520,81	11.977,73	20.369,32
10.10.2019	18:45:00	12.692,12	12.221,96	20.590,69
10.10.2019	19:00:00	13.110,95	12.636,73	21.108,79
10.10.2019	19:15:00	13.886,16	13.405,80	22.144,80
10.10.2019	19:30:00	14.298,34	13.846,73	22.557,64
10.10.2019	19:45:00	14.255,68	13.805,50	22.356,65
10.10.2019	20:00:00	13.995,81	13.506,83	21.946,26
10.10.2019	20:15:00	13.654,75	13.112,15	21.272,23
10.10.2019	20:30:00	13.688,93	13.170,20	21.130,72
10.10.2019	20:45:00	13.380,47	12.880,22	20.605,53
10.10.2019	21:00:00	12.960,55	12.418,18	20.132,64
10.10.2019	21:15:00	12.842,00	12.299,18	19.673,19
10.10.2019	21:30:00	13.382,08	12.880,48	20.173,15
10.10.2019	21:45:00	12.883,28	12.372,59	19.608,06
10.10.2019	22:00:00	12.327,68	11.850,85	18.797,65
10.10.2019	22:15:00	12.004,96	11.573,71	18.191,80
10.10.2019	22:30:00	11.560,72	11.148,31	17.561,85
10.10.2019	22:45:00	11.498,96	11.092,38	17.236,54
10.10.2019	23:00:00	11.338,14	10.881,78	16.729,17
10.10.2019	23:15:00	10.707,69	10.241,22	15.885,38
10.10.2019	23:30:00	9.943,98	9.512,57	15.077,61
10.10.2019	23:45:00	9.499,38	9.064,52	14.443,60
11.10.2019	00:00:00	8.933,56	8.472,00	13.862,34
11.10.2019	00:15:00	8.361,12	7.866,67	13.228,40
11.10.2019	00:30:00	8.113,40	7.666,82	12.974,57
11.10.2019	00:45:00	7.740,55	7.289,73	12.576,09
11.10.2019	01:00:00	7.259,82	6.800,22	12.168,89
11.10.2019	01:15:00	7.256,77	6.754,64	12.099,22
11.10.2019	01:30:00	7.026,64	6.555,89	11.987,64
11.10.2019	01:45:00	7.161,00	6.705,74	11.939,46
11.10.2019	02:00:00	7.005,19	6.544,40	11.650,62
11.10.2019	02:15:00	6.959,46	6.454,42	11.753,65
11.10.2019	02:30:00	7.226,56	6.744,86	12.052,06
11.10.2019	02:45:00	7.170,03	6.713,51	11.948,53
11.10.2019	03:00:00	7.059,58	6.588,46	11.779,00
11.10.2019	03:15:00	7.149,12	6.642,28	11.887,68
11.10.2019	03:30:00	7.151,62	6.684,31	11.877,86
11.10.2019	03:45:00	7.471,37	7.020,02	12.100,49
11.10.2019	04:00:00	7.582,35	7.033,79	12.154,10
11.10.2019	04:15:00	7.690,20	7.075,49	12.149,62
11.10.2019	04:30:00	7.719,94	7.114,40	12.232,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.10.2019	04:45:00	7.696,35	7.095,78	12.487,84
11.10.2019	05:00:00	7.854,48	7.261,76	12.873,49
11.10.2019	05:15:00	8.365,46	7.800,00	13.736,85
11.10.2019	05:30:00	8.376,43	7.826,55	14.192,28
11.10.2019	05:45:00	8.829,61	8.281,11	14.983,95
11.10.2019	06:00:00	9.042,82	8.506,96	15.812,26
11.10.2019	06:15:00	9.436,86	8.914,29	17.683,47
11.10.2019	06:30:00	9.767,34	9.257,00	18.720,15
11.10.2019	06:45:00	10.059,94	9.551,15	19.475,09
11.10.2019	07:00:00	10.398,75	9.885,24	20.780,91
11.10.2019	07:15:00	10.981,23	10.455,97	21.711,05
11.10.2019	07:30:00	11.042,88	10.508,21	22.199,49
11.10.2019	07:45:00	11.110,46	10.585,12	22.618,73
11.10.2019	08:00:00	11.112,04	10.527,75	22.725,03
11.10.2019	08:15:00	11.106,47	10.431,20	22.639,53
11.10.2019	08:30:00	11.085,15	10.298,62	22.495,43
11.10.2019	08:45:00	11.197,05	10.327,97	22.403,85
11.10.2019	09:00:00	11.286,50	10.264,36	22.502,01
11.10.2019	09:15:00	11.687,35	10.493,36	22.328,60
11.10.2019	09:30:00	11.584,43	10.134,08	21.884,26
11.10.2019	09:45:00	11.435,33	9.694,94	21.688,38
11.10.2019	10:00:00	11.238,56	9.023,48	21.159,37
11.10.2019	10:15:00	11.222,58	8.464,61	20.331,96
11.10.2019	10:30:00	11.223,39	7.858,37	19.870,00
11.10.2019	10:45:00	11.243,53	7.517,44	19.646,65
11.10.2019	11:00:00	11.446,57	7.890,13	19.995,78
11.10.2019	11:15:00	11.284,07	7.407,20	19.511,76
11.10.2019	11:30:00	11.597,41	7.704,22	19.641,25
11.10.2019	11:45:00	11.858,70	7.377,81	19.114,51
11.10.2019	12:00:00	11.981,55	7.480,97	18.980,58
11.10.2019	12:15:00	12.331,11	7.590,10	18.612,54
11.10.2019	12:30:00	12.185,01	7.041,80	17.667,58
11.10.2019	12:45:00	12.099,77	6.611,65	17.211,87
11.10.2019	13:00:00	11.933,49	6.300,62	16.833,88
11.10.2019	13:15:00	11.980,73	6.328,58	16.682,38
11.10.2019	13:30:00	11.689,91	6.047,17	16.436,56
11.10.2019	13:45:00	11.501,41	6.057,23	16.584,81
11.10.2019	14:00:00	11.477,42	6.016,22	16.218,21
11.10.2019	14:15:00	11.401,52	5.985,33	15.923,23
11.10.2019	14:30:00	11.268,97	5.830,84	15.760,02
11.10.2019	14:45:00	11.218,09	5.994,92	15.975,17
11.10.2019	15:00:00	11.164,52	5.994,52	15.828,39
11.10.2019	15:15:00	11.194,66	6.203,62	15.755,54
11.10.2019	15:30:00	11.386,28	6.698,62	16.006,00
11.10.2019	15:45:00	11.310,40	7.465,33	16.569,43
11.10.2019	16:00:00	11.428,38	7.288,29	16.247,43
11.10.2019	16:15:00	11.430,35	7.668,17	16.386,46
11.10.2019	16:30:00	11.699,07	8.237,95	16.776,93
11.10.2019	16:45:00	11.812,67	8.466,56	17.037,54
11.10.2019	17:00:00	11.655,65	8.863,82	17.281,30
11.10.2019	17:15:00	11.145,91	9.295,85	17.478,50
11.10.2019	17:30:00	10.788,04	9.484,36	17.656,03
11.10.2019	17:45:00	11.045,16	9.963,82	18.057,61
11.10.2019	18:00:00	11.284,41	10.367,73	18.382,47
11.10.2019	18:15:00	11.451,00	10.722,48	18.523,51
11.10.2019	18:30:00	11.715,37	11.150,04	18.869,25
11.10.2019	18:45:00	12.024,53	11.573,58	19.177,66
11.10.2019	19:00:00	12.368,80	11.954,86	19.621,90
11.10.2019	19:15:00	13.245,00	12.836,06	20.523,44
11.10.2019	19:30:00	13.626,20	13.198,49	20.803,41
11.10.2019	19:45:00	13.418,95	12.989,93	20.420,44
11.10.2019	20:00:00	13.341,78	12.901,76	20.080,50
11.10.2019	20:15:00	13.048,32	12.564,05	19.597,34
11.10.2019	20:30:00	12.599,02	12.118,83	19.128,01
11.10.2019	20:45:00	12.413,94	11.937,18	18.824,15
11.10.2019	21:00:00	12.068,68	11.568,15	18.320,26
11.10.2019	21:15:00	11.934,11	11.317,64	17.789,31
11.10.2019	21:30:00	12.153,84	11.537,52	17.879,46
11.10.2019	21:45:00	11.768,93	11.175,04	17.468,42
11.10.2019	22:00:00	11.398,93	10.800,76	17.033,48
11.10.2019	22:15:00	11.279,52	10.682,93	16.911,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.10.2019	22:30:00	11.255,59	10.622,42	16.672,26
11.10.2019	22:45:00	11.181,74	10.576,68	16.296,14
11.10.2019	23:00:00	11.052,48	10.447,49	15.962,91
11.10.2019	23:15:00	10.189,19	9.575,60	14.865,91
11.10.2019	23:30:00	9.554,44	8.931,69	14.278,94
11.10.2019	23:45:00	9.130,26	8.480,09	13.697,69
12.10.2019	00:00:00	8.716,97	8.155,63	13.308,71
12.10.2019	00:15:00	8.374,78	8.002,87	13.137,51
12.10.2019	00:30:00	8.060,84	7.740,85	12.844,78
12.10.2019	00:45:00	7.703,37	7.391,11	12.372,60
12.10.2019	01:00:00	7.308,66	6.990,62	11.958,45
12.10.2019	01:15:00	7.136,55	6.793,55	11.557,48
12.10.2019	01:30:00	6.871,81	6.511,68	11.178,64
12.10.2019	01:45:00	6.831,95	6.380,17	11.048,88
12.10.2019	02:00:00	6.674,36	6.143,07	10.704,83
12.10.2019	02:15:00	6.606,68	6.063,99	10.432,19
12.10.2019	02:30:00	6.745,44	6.164,98	10.563,47
12.10.2019	02:45:00	6.589,70	6.027,51	10.454,08
12.10.2019	03:00:00	6.579,13	6.044,72	10.529,00
12.10.2019	03:15:00	6.581,03	6.047,03	10.417,90
12.10.2019	03:30:00	6.600,32	6.051,97	10.323,60
12.10.2019	03:45:00	6.741,61	6.367,57	10.593,09
12.10.2019	04:00:00	6.952,32	6.630,08	10.708,84
12.10.2019	04:15:00	7.004,00	6.678,22	10.598,93
12.10.2019	04:30:00	7.192,96	6.824,27	10.781,18
12.10.2019	04:45:00	7.164,44	6.878,44	10.963,92
12.10.2019	05:00:00	7.180,20	6.959,28	11.145,22
12.10.2019	05:15:00	7.380,92	7.174,23	11.424,26
12.10.2019	05:30:00	7.280,76	7.043,28	11.328,93
12.10.2019	05:45:00	7.454,84	7.204,88	11.545,35
12.10.2019	06:00:00	7.729,28	7.442,10	11.813,75
12.10.2019	06:15:00	7.807,87	7.528,20	12.199,67
12.10.2019	06:30:00	8.058,55	7.564,48	12.320,80
12.10.2019	06:45:00	7.998,65	7.499,76	12.267,39
12.10.2019	07:00:00	7.995,36	7.521,54	12.398,77
12.10.2019	07:15:00	8.536,07	8.048,64	12.841,67
12.10.2019	07:30:00	8.692,16	8.158,16	12.987,90
12.10.2019	07:45:00	8.750,77	8.236,70	13.085,29
12.10.2019	08:00:00	9.172,30	8.632,23	13.464,99
12.10.2019	08:15:00	9.362,47	8.776,20	13.815,90
12.10.2019	08:30:00	9.341,41	8.649,91	13.749,28
12.10.2019	08:45:00	9.662,97	8.886,20	13.896,93
12.10.2019	09:00:00	9.600,73	8.662,91	13.714,00
12.10.2019	09:15:00	9.923,83	8.688,86	13.744,27
12.10.2019	09:30:00	10.020,54	8.407,85	13.415,06
12.10.2019	09:45:00	10.241,69	8.258,54	13.351,50
12.10.2019	10:00:00	10.548,34	8.212,85	13.115,82
12.10.2019	10:15:00	10.751,69	8.018,85	12.873,33
12.10.2019	10:30:00	10.852,84	7.684,40	12.646,76
12.10.2019	10:45:00	11.156,34	7.700,42	12.559,37
12.10.2019	11:00:00	11.356,99	7.995,31	12.776,26
12.10.2019	11:15:00	11.203,46	7.750,20	12.558,52
12.10.2019	11:30:00	11.318,79	7.839,15	12.701,46
12.10.2019	11:45:00	11.436,00	8.245,41	13.171,83
12.10.2019	12:00:00	11.549,64	7.009,90	11.822,94
12.10.2019	12:15:00	11.551,81	7.778,09	12.582,16
12.10.2019	12:30:00	12.543,56	9.033,50	13.802,05
12.10.2019	12:45:00	11.787,30	8.322,40	13.038,06
12.10.2019	13:00:00	12.106,48	8.883,74	13.946,61
12.10.2019	13:15:00	11.471,39	7.325,32	12.382,51
12.10.2019	13:30:00	11.388,78	6.587,88	11.609,41
12.10.2019	13:45:00	11.012,53	6.786,43	11.741,69
12.10.2019	14:00:00	11.308,31	7.139,63	12.090,22
12.10.2019	14:15:00	10.629,98	6.950,01	11.861,99
12.10.2019	14:30:00	10.240,37	5.381,81	10.184,73
12.10.2019	14:45:00	10.635,00	6.927,61	11.749,11
12.10.2019	15:00:00	10.936,17	6.267,41	11.041,65
12.10.2019	15:15:00	10.630,15	5.603,00	10.309,15
12.10.2019	15:30:00	10.698,35	6.747,70	11.406,06
12.10.2019	15:45:00	10.082,79	8.781,09	13.531,40
12.10.2019	16:00:00	9.962,79	8.511,26	13.323,15

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.10.2019	16:15:00	10.080,84	9.153,39	14.031,58
12.10.2019	16:30:00	10.079,02	8.741,84	13.895,06
12.10.2019	16:45:00	10.141,83	8.747,23	13.958,79
12.10.2019	17:00:00	10.489,71	7.882,04	13.013,87
12.10.2019	17:15:00	10.119,53	8.400,42	13.561,55
12.10.2019	17:30:00	10.427,85	9.721,85	14.937,86
12.10.2019	17:45:00	10.683,71	10.032,24	15.280,05
12.10.2019	18:00:00	10.856,03	10.383,48	15.509,91
12.10.2019	18:15:00	11.203,15	10.627,94	15.657,14
12.10.2019	18:30:00	11.260,86	10.685,13	15.730,12
12.10.2019	18:45:00	11.470,40	10.971,91	16.042,92
12.10.2019	19:00:00	11.981,62	11.456,11	16.660,84
12.10.2019	19:15:00	12.675,76	12.100,53	17.318,78
12.10.2019	19:30:00	12.588,45	12.111,42	17.264,03
12.10.2019	19:45:00	12.640,25	12.242,36	17.340,74
12.10.2019	20:00:00	12.540,94	12.156,67	17.149,18
12.10.2019	20:15:00	12.086,09	11.707,69	16.651,54
12.10.2019	20:30:00	11.627,51	11.239,56	15.993,64
12.10.2019	20:45:00	11.629,00	11.239,74	16.177,42
12.10.2019	21:00:00	11.319,28	10.905,88	15.820,14
12.10.2019	21:15:00	11.284,26	10.963,25	15.838,40
12.10.2019	21:30:00	11.327,55	11.066,14	15.852,81
12.10.2019	21:45:00	10.847,73	10.589,31	15.165,99
12.10.2019	22:00:00	10.584,16	10.320,74	14.519,20
12.10.2019	22:15:00	10.524,57	10.248,41	14.382,22
12.10.2019	22:30:00	10.349,63	10.043,76	14.138,04
12.10.2019	22:45:00	10.291,84	10.014,13	14.004,00
12.10.2019	23:00:00	10.192,34	9.907,99	13.966,95
12.10.2019	23:15:00	9.689,53	9.406,70	13.322,25
12.10.2019	23:30:00	9.164,38	8.878,95	12.746,94
12.10.2019	23:45:00	8.739,09	8.431,09	12.196,66
13.10.2019	00:00:00	8.260,53	7.968,94	11.707,99
13.10.2019	00:15:00	7.809,55	7.517,42	11.268,46
13.10.2019	00:30:00	7.482,40	7.180,47	10.982,88
13.10.2019	00:45:00	7.264,20	6.962,97	10.765,34
13.10.2019	01:00:00	7.028,49	6.723,54	10.517,76
13.10.2019	01:15:00	6.806,42	6.521,01	10.168,31
13.10.2019	01:30:00	6.626,44	6.309,39	9.935,92
13.10.2019	01:45:00	6.409,62	6.087,82	9.684,78
13.10.2019	02:00:00	6.251,08	5.928,84	9.515,89
13.10.2019	02:15:00	6.159,75	5.837,15	9.495,90
13.10.2019	02:30:00	6.154,46	5.829,63	9.473,54
13.10.2019	02:45:00	6.058,11	5.723,51	9.339,32
13.10.2019	03:00:00	6.084,38	5.761,22	9.375,42
13.10.2019	03:15:00	5.933,73	5.606,42	9.132,03
13.10.2019	03:30:00	5.903,32	5.575,47	9.126,43
13.10.2019	03:45:00	5.859,21	5.533,30	9.119,35
13.10.2019	04:00:00	5.910,91	5.580,82	9.214,11
13.10.2019	04:15:00	6.004,22	5.668,55	9.277,25
13.10.2019	04:30:00	5.992,90	5.675,99	9.231,12
13.10.2019	04:45:00	6.012,53	5.701,48	9.181,88
13.10.2019	05:00:00	5.905,69	5.600,64	9.134,64
13.10.2019	05:15:00	6.099,51	5.796,21	9.361,96
13.10.2019	05:30:00	6.059,64	5.756,34	9.365,31
13.10.2019	05:45:00	6.251,90	5.940,95	9.601,64
13.10.2019	06:00:00	6.317,55	6.005,26	9.693,88
13.10.2019	06:15:00	6.488,64	6.186,23	9.937,97
13.10.2019	06:30:00	6.490,44	6.204,68	9.964,74
13.10.2019	06:45:00	6.542,32	6.097,49	9.881,74
13.10.2019	07:00:00	6.650,83	6.150,70	10.015,17
13.10.2019	07:15:00	6.927,44	6.432,48	10.308,20
13.10.2019	07:30:00	7.008,52	6.420,74	10.284,48
13.10.2019	07:45:00	7.051,49	6.446,26	10.249,01
13.10.2019	08:00:00	7.440,31	6.754,68	10.679,13
13.10.2019	08:15:00	7.736,04	6.960,96	10.831,98
13.10.2019	08:30:00	7.899,82	7.041,04	10.991,36
13.10.2019	08:45:00	8.103,38	7.026,82	10.801,46
13.10.2019	09:00:00	8.354,47	7.160,77	10.981,13
13.10.2019	09:15:00	9.015,88	7.738,45	11.646,80
13.10.2019	09:30:00	8.817,36	7.205,91	11.122,25
13.10.2019	09:45:00	9.022,61	7.055,06	10.875,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.10.2019	10:00:00	9.318,65	7.112,74	10.905,82
13.10.2019	10:15:00	9.474,73	6.585,20	10.393,89
13.10.2019	10:30:00	9.586,62	6.484,00	10.374,65
13.10.2019	10:45:00	9.903,41	6.633,74	10.506,82
13.10.2019	11:00:00	10.055,63	6.483,98	10.399,88
13.10.2019	11:15:00	10.368,68	6.492,61	10.356,13
13.10.2019	11:30:00	10.493,68	6.377,80	10.106,96
13.10.2019	11:45:00	10.870,48	6.542,18	10.396,41
13.10.2019	12:00:00	10.997,67	6.503,58	10.298,70
13.10.2019	12:15:00	11.079,70	6.418,42	10.204,50
13.10.2019	12:30:00	11.060,93	6.253,14	9.993,52
13.10.2019	12:45:00	11.004,41	6.100,26	9.883,71
13.10.2019	13:00:00	10.846,33	5.884,60	9.711,14
13.10.2019	13:15:00	10.769,44	5.924,54	9.796,40
13.10.2019	13:30:00	10.496,51	5.684,79	9.561,08
13.10.2019	13:45:00	10.129,19	5.706,99	9.481,74
13.10.2019	14:00:00	9.881,91	4.908,94	8.663,23
13.10.2019	14:15:00	10.113,18	6.181,41	10.104,04
13.10.2019	14:30:00	9.726,67	5.242,06	9.166,00
13.10.2019	14:45:00	9.525,82	5.579,52	9.647,66
13.10.2019	15:00:00	9.331,37	5.006,81	9.249,98
13.10.2019	15:15:00	9.504,56	4.823,86	9.104,40
13.10.2019	15:30:00	9.516,05	4.977,11	9.258,24
13.10.2019	15:45:00	9.559,78	4.873,25	9.061,13
13.10.2019	16:00:00	9.569,49	5.527,07	9.754,16
13.10.2019	16:15:00	9.529,73	5.757,46	9.947,95
13.10.2019	16:30:00	9.629,31	6.073,19	10.234,97
13.10.2019	16:45:00	9.835,10	6.702,49	10.996,78
13.10.2019	17:00:00	9.458,42	7.162,41	11.412,63
13.10.2019	17:15:00	9.028,04	7.587,84	11.927,36
13.10.2019	17:30:00	9.132,62	8.171,51	12.564,08
13.10.2019	17:45:00	9.513,54	8.760,98	13.109,70
13.10.2019	18:00:00	9.893,44	9.278,44	13.715,93
13.10.2019	18:15:00	10.128,17	9.637,24	14.042,05
13.10.2019	18:30:00	10.401,19	10.043,14	14.528,16
13.10.2019	18:45:00	10.804,87	10.536,78	15.009,65
13.10.2019	19:00:00	11.397,00	11.159,86	15.582,02
13.10.2019	19:15:00	12.448,32	12.234,71	16.820,47
13.10.2019	19:30:00	12.721,34	12.532,46	17.011,60
13.10.2019	19:45:00	12.599,17	12.387,93	16.824,98
13.10.2019	20:00:00	12.450,53	12.218,53	16.620,68
13.10.2019	20:15:00	12.082,04	11.845,08	16.205,61
13.10.2019	20:30:00	11.776,16	11.531,48	15.847,52
13.10.2019	20:45:00	11.551,27	11.286,31	15.402,96
13.10.2019	21:00:00	11.214,10	10.954,19	14.967,47
13.10.2019	21:15:00	11.161,34	10.909,87	14.908,40
13.10.2019	21:30:00	11.162,35	10.891,31	14.952,93
13.10.2019	21:45:00	10.698,93	10.411,86	14.543,41
13.10.2019	22:00:00	10.281,79	9.907,66	14.012,29
13.10.2019	22:15:00	10.011,92	9.643,06	13.866,56
13.10.2019	22:30:00	9.593,44	9.233,63	13.588,05
13.10.2019	22:45:00	9.510,07	9.151,73	13.324,72
13.10.2019	23:00:00	9.331,40	8.968,37	13.005,71
13.10.2019	23:15:00	8.920,48	8.553,20	12.668,55
13.10.2019	23:30:00	8.401,96	8.012,08	12.087,71
13.10.2019	23:45:00	7.893,70	7.537,45	11.558,29
14.10.2019	00:00:00	7.343,87	7.009,55	11.048,54
14.10.2019	00:15:00	6.915,13	6.610,13	10.750,83
14.10.2019	00:30:00	6.643,53	6.364,78	10.500,44
14.10.2019	00:45:00	6.480,48	6.206,64	10.287,32
14.10.2019	01:00:00	6.234,32	5.957,67	10.111,38
14.10.2019	01:15:00	6.115,06	5.839,79	10.002,75
14.10.2019	01:30:00	6.033,63	5.759,01	9.998,40
14.10.2019	01:45:00	5.845,02	5.602,93	9.788,67
14.10.2019	02:00:00	5.847,18	5.607,11	9.768,52
14.10.2019	02:15:00	5.859,11	5.596,04	9.680,77
14.10.2019	02:30:00	5.838,76	5.546,31	9.615,18
14.10.2019	02:45:00	5.771,20	5.475,34	9.476,64
14.10.2019	03:00:00	5.723,36	5.420,46	9.565,13
14.10.2019	03:15:00	5.636,81	5.342,62	9.518,18
14.10.2019	03:30:00	5.661,07	5.336,53	9.590,28

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.10.2019	03:45:00	5.780,82	5.485,28	9.761,28
14.10.2019	04:00:00	5.882,61	5.612,37	9.805,37
14.10.2019	04:15:00	6.090,46	5.888,63	10.138,66
14.10.2019	04:30:00	6.224,20	6.029,65	10.348,50
14.10.2019	04:45:00	6.478,24	6.288,63	10.707,39
14.10.2019	05:00:00	6.799,72	6.619,10	11.314,48
14.10.2019	05:15:00	7.177,91	7.033,73	12.388,03
14.10.2019	05:30:00	7.217,08	7.051,07	12.678,62
14.10.2019	05:45:00	7.532,74	7.352,48	13.566,54
14.10.2019	06:00:00	8.045,20	7.869,80	14.999,34
14.10.2019	06:15:00	8.741,00	8.510,67	17.169,92
14.10.2019	06:30:00	9.059,37	8.801,98	18.232,73
14.10.2019	06:45:00	9.468,96	9.219,32	19.224,12
14.10.2019	07:00:00	9.954,44	9.733,49	20.523,35
14.10.2019	07:15:00	10.443,93	10.141,19	21.361,82
14.10.2019	07:30:00	10.614,25	10.199,90	22.143,97
14.10.2019	07:45:00	10.534,60	10.110,51	22.439,68
14.10.2019	08:00:00	10.662,41	10.200,67	22.967,16
14.10.2019	08:15:00	10.773,28	10.256,05	23.262,52
14.10.2019	08:30:00	10.596,80	10.103,64	23.182,00
14.10.2019	08:45:00	10.486,53	10.016,19	23.185,39
14.10.2019	09:00:00	10.500,13	9.900,57	22.854,71
14.10.2019	09:15:00	10.627,28	9.770,75	21.919,42
14.10.2019	09:30:00	10.600,90	9.426,56	21.201,53
14.10.2019	09:45:00	10.533,92	8.972,91	21.210,84
14.10.2019	10:00:00	10.533,99	8.596,81	21.069,04
14.10.2019	10:15:00	10.758,24	8.501,94	20.928,60
14.10.2019	10:30:00	10.667,90	8.047,38	20.593,26
14.10.2019	10:45:00	10.616,39	7.639,71	20.435,63
14.10.2019	11:00:00	10.712,44	7.410,44	20.332,96
14.10.2019	11:15:00	11.110,02	7.564,23	20.289,14
14.10.2019	11:30:00	11.252,09	7.489,68	20.243,13
14.10.2019	11:45:00	11.499,76	7.566,28	20.084,53
14.10.2019	12:00:00	11.706,01	7.579,28	19.990,14
14.10.2019	12:15:00	11.836,11	7.531,04	19.520,26
14.10.2019	12:30:00	11.995,38	7.374,65	19.297,29
14.10.2019	12:45:00	11.584,84	6.815,66	18.887,95
14.10.2019	13:00:00	11.480,17	6.636,58	18.911,41
14.10.2019	13:15:00	11.393,13	6.498,04	18.737,58
14.10.2019	13:30:00	11.174,33	6.208,44	18.506,14
14.10.2019	13:45:00	10.971,36	5.963,84	18.388,32
14.10.2019	14:00:00	10.965,85	5.950,40	18.297,10
14.10.2019	14:15:00	10.502,54	5.516,69	17.702,01
14.10.2019	14:30:00	10.126,49	5.432,91	17.412,64
14.10.2019	14:45:00	10.236,22	5.603,21	17.138,90
14.10.2019	15:00:00	10.176,05	5.629,63	17.223,95
14.10.2019	15:15:00	10.170,05	5.810,70	17.221,06
14.10.2019	15:30:00	10.341,71	6.148,42	17.372,73
14.10.2019	15:45:00	10.359,41	6.286,66	17.184,12
14.10.2019	16:00:00	10.495,63	6.602,08	17.033,63
14.10.2019	16:15:00	10.683,24	6.968,88	16.944,51
14.10.2019	16:30:00	10.870,84	7.414,01	17.192,02
14.10.2019	16:45:00	10.918,18	7.882,59	17.491,78
14.10.2019	17:00:00	10.294,05	8.239,72	17.619,46
14.10.2019	17:15:00	10.016,88	8.769,54	17.859,19
14.10.2019	17:30:00	9.916,36	9.031,33	18.012,71
14.10.2019	17:45:00	10.173,11	9.445,16	18.356,89
14.10.2019	18:00:00	10.501,69	10.005,42	18.710,70
14.10.2019	18:15:00	10.605,59	10.271,95	19.028,56
14.10.2019	18:30:00	10.765,84	10.549,19	19.109,64
14.10.2019	18:45:00	11.134,09	10.970,78	19.403,43
14.10.2019	19:00:00	12.017,44	11.704,72	20.362,05
14.10.2019	19:15:00	12.823,75	12.457,12	21.102,81
14.10.2019	19:30:00	13.040,16	12.693,21	21.131,13
14.10.2019	19:45:00	12.738,11	12.417,66	20.677,82
14.10.2019	20:00:00	12.333,80	11.991,68	19.992,44
14.10.2019	20:15:00	12.173,18	11.760,38	19.487,51
14.10.2019	20:30:00	11.839,26	11.412,13	19.009,66
14.10.2019	20:45:00	11.460,79	11.029,77	18.569,24
14.10.2019	21:00:00	10.998,72	10.555,56	18.072,50
14.10.2019	21:15:00	10.847,80	10.308,20	18.000,15

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.10.2019	21:30:00	10.949,69	10.395,44	17.931,60
14.10.2019	21:45:00	10.363,23	9.780,82	17.053,91
14.10.2019	22:00:00	9.957,74	9.401,38	16.451,92
14.10.2019	22:15:00	9.565,62	9.138,39	15.753,14
14.10.2019	22:30:00	9.067,30	8.709,66	15.101,36
14.10.2019	22:45:00	8.915,73	8.553,19	14.872,04
14.10.2019	23:00:00	8.627,57	8.285,48	14.450,46
14.10.2019	23:15:00	8.090,58	7.806,43	13.845,33
14.10.2019	23:30:00	7.658,68	7.375,67	13.359,58
14.10.2019	23:45:00	7.246,41	6.953,10	12.818,99
15.10.2019	00:00:00	6.773,21	6.480,61	12.157,89
15.10.2019	00:15:00	6.358,00	6.066,47	11.782,35
15.10.2019	00:30:00	6.042,29	5.748,60	11.455,22
15.10.2019	00:45:00	5.694,31	5.390,49	11.061,00
15.10.2019	01:00:00	5.541,65	5.243,30	10.905,34
15.10.2019	01:15:00	5.368,04	5.076,21	10.711,83
15.10.2019	01:30:00	5.212,63	4.916,67	10.404,16
15.10.2019	01:45:00	5.151,25	4.856,87	10.274,72
15.10.2019	02:00:00	5.074,64	4.746,29	10.200,62
15.10.2019	02:15:00	5.099,12	4.790,56	10.242,56
15.10.2019	02:30:00	5.014,75	4.710,23	10.283,94
15.10.2019	02:45:00	4.990,26	4.683,40	10.318,43
15.10.2019	03:00:00	5.094,37	4.794,16	10.455,92
15.10.2019	03:15:00	4.994,29	4.696,53	10.038,24
15.10.2019	03:30:00	4.994,47	4.693,14	10.051,23
15.10.2019	03:45:00	5.215,42	4.915,88	10.199,77
15.10.2019	04:00:00	5.386,64	5.101,17	10.290,16
15.10.2019	04:15:00	5.553,64	5.256,10	10.346,94
15.10.2019	04:30:00	5.688,18	5.400,90	10.479,27
15.10.2019	04:45:00	5.844,73	5.562,02	10.944,15
15.10.2019	05:00:00	6.153,24	5.873,95	11.544,09
15.10.2019	05:15:00	6.506,72	6.246,18	12.401,53
15.10.2019	05:30:00	6.555,48	6.331,11	12.694,54
15.10.2019	05:45:00	6.910,67	6.696,47	13.386,97
15.10.2019	06:00:00	7.338,98	7.125,68	14.596,91
15.10.2019	06:15:00	7.993,20	7.792,34	16.696,51
15.10.2019	06:30:00	8.403,39	8.107,64	17.916,34
15.10.2019	06:45:00	8.745,35	8.262,72	18.750,97
15.10.2019	07:00:00	9.212,67	8.698,58	19.791,08
15.10.2019	07:15:00	9.674,48	9.160,48	20.786,76
15.10.2019	07:30:00	9.793,83	9.282,78	21.315,44
15.10.2019	07:45:00	9.714,26	9.205,06	21.572,90
15.10.2019	08:00:00	9.773,73	9.221,84	21.933,02
15.10.2019	08:15:00	9.953,63	9.348,80	22.043,00
15.10.2019	08:30:00	9.896,90	9.215,18	21.878,55
15.10.2019	08:45:00	9.824,09	9.070,48	21.858,10
15.10.2019	09:00:00	9.591,69	8.630,96	21.319,07
15.10.2019	09:15:00	9.965,65	8.624,10	20.719,39
15.10.2019	09:30:00	9.769,15	8.005,03	19.918,62
15.10.2019	09:45:00	9.721,88	7.764,73	20.165,34
15.10.2019	10:00:00	9.719,81	7.235,07	19.549,16
15.10.2019	10:15:00	9.797,85	7.009,18	19.222,30
15.10.2019	10:30:00	9.739,52	6.733,38	18.907,23
15.10.2019	10:45:00	9.826,32	6.503,30	19.014,51
15.10.2019	11:00:00	10.018,13	6.346,58	18.791,55
15.10.2019	11:15:00	10.215,19	7.068,89	19.590,22
15.10.2019	11:30:00	11.080,92	9.250,88	21.907,00
15.10.2019	11:45:00	11.227,80	9.084,12	21.833,81
15.10.2019	12:00:00	11.437,00	9.187,63	21.628,09
15.10.2019	12:15:00	11.498,57	10.166,63	22.332,14
15.10.2019	12:30:00	11.603,74	10.058,70	21.755,45
15.10.2019	12:45:00	11.091,61	9.057,13	20.705,28
15.10.2019	13:00:00	10.846,26	9.396,55	21.511,26
15.10.2019	13:15:00	10.928,35	9.319,76	21.700,16
15.10.2019	13:30:00	10.837,84	9.058,07	21.653,84
15.10.2019	13:45:00	10.694,83	9.419,02	22.047,50
15.10.2019	14:00:00	10.455,18	9.032,40	21.336,19
15.10.2019	14:15:00	10.391,31	9.096,33	21.277,12
15.10.2019	14:30:00	10.327,02	9.292,51	21.596,62
15.10.2019	14:45:00	10.389,00	9.178,48	21.379,30
15.10.2019	15:00:00	10.370,33	9.263,41	21.369,39

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.10.2019	15:15:00	10.485,59	9.228,13	21.123,04
15.10.2019	15:30:00	10.209,86	8.589,46	20.052,02
15.10.2019	15:45:00	10.236,88	9.285,02	20.578,67
15.10.2019	16:00:00	10.354,97	9.682,05	20.660,37
15.10.2019	16:15:00	10.463,29	9.886,31	20.482,58
15.10.2019	16:30:00	10.515,21	9.965,82	20.550,04
15.10.2019	16:45:00	10.750,28	10.258,71	20.597,45
15.10.2019	17:00:00	10.959,16	10.486,85	20.443,86
15.10.2019	17:15:00	11.097,52	10.761,55	20.614,59
15.10.2019	17:30:00	11.505,52	11.263,60	20.931,51
15.10.2019	17:45:00	11.796,47	11.585,92	21.103,05
15.10.2019	18:00:00	12.116,81	11.923,90	21.224,60
15.10.2019	18:15:00	12.490,50	12.283,43	21.461,37
15.10.2019	18:30:00	12.673,34	12.402,52	21.490,29
15.10.2019	18:45:00	13.050,45	12.769,56	21.683,79
15.10.2019	19:00:00	13.087,92	12.647,93	21.575,72
15.10.2019	19:15:00	13.286,77	12.789,41	21.676,91
15.10.2019	19:30:00	13.420,76	12.905,00	21.627,39
15.10.2019	19:45:00	13.147,79	12.623,59	21.177,37
15.10.2019	20:00:00	12.852,48	12.303,70	20.721,32
15.10.2019	20:15:00	12.615,88	12.063,56	20.178,84
15.10.2019	20:30:00	12.343,39	11.785,40	19.656,48
15.10.2019	20:45:00	12.138,53	11.626,97	19.418,40
15.10.2019	21:00:00	11.504,45	11.028,63	18.558,92
15.10.2019	21:15:00	11.223,43	10.754,21	18.067,49
15.10.2019	21:30:00	11.610,89	11.143,51	18.367,00
15.10.2019	21:45:00	11.119,47	10.652,93	17.626,54
15.10.2019	22:00:00	10.643,93	10.202,09	16.887,66
15.10.2019	22:15:00	10.091,94	9.653,06	16.114,25
15.10.2019	22:30:00	9.641,78	9.195,01	15.468,11
15.10.2019	22:45:00	9.304,62	8.936,56	14.975,61
15.10.2019	23:00:00	9.119,60	8.837,06	14.487,65
15.10.2019	23:15:00	8.486,36	8.200,14	13.751,90
15.10.2019	23:30:00	7.824,52	7.529,26	13.023,59
15.10.2019	23:45:00	7.483,81	7.188,76	12.627,70
16.10.2019	00:00:00	6.938,85	6.638,39	12.183,41
16.10.2019	00:15:00	6.743,42	6.452,24	11.786,51
16.10.2019	00:30:00	6.344,29	6.037,33	11.357,44
16.10.2019	00:45:00	6.077,06	5.778,83	11.187,68
16.10.2019	01:00:00	5.908,31	5.596,50	11.043,88
16.10.2019	01:15:00	5.673,81	5.364,96	10.730,19
16.10.2019	01:30:00	5.467,96	5.150,44	10.489,15
16.10.2019	01:45:00	5.378,99	5.064,97	10.294,62
16.10.2019	02:00:00	5.345,66	5.029,00	10.110,56
16.10.2019	02:15:00	5.367,60	5.046,46	10.185,10
16.10.2019	02:30:00	5.420,76	5.128,26	10.259,08
16.10.2019	02:45:00	5.452,73	5.158,58	10.224,04
16.10.2019	03:00:00	5.521,52	5.219,33	10.375,42
16.10.2019	03:15:00	5.554,50	5.256,65	10.434,16
16.10.2019	03:30:00	5.562,66	5.265,63	10.726,50
16.10.2019	03:45:00	5.712,12	5.415,93	10.769,56
16.10.2019	04:00:00	5.846,69	5.543,52	10.865,43
16.10.2019	04:15:00	6.267,44	5.986,05	11.258,63
16.10.2019	04:30:00	6.344,62	5.956,66	11.193,26
16.10.2019	04:45:00	6.423,39	6.021,08	11.445,79
16.10.2019	05:00:00	6.756,99	6.356,07	12.027,40
16.10.2019	05:15:00	7.133,51	6.766,49	12.715,56
16.10.2019	05:30:00	6.996,09	6.633,05	12.908,36
16.10.2019	05:45:00	7.503,40	7.112,37	13.602,16
16.10.2019	06:00:00	7.798,42	7.205,43	14.451,88
16.10.2019	06:15:00	8.198,08	7.639,20	16.247,24
16.10.2019	06:30:00	8.758,45	8.225,60	17.493,13
16.10.2019	06:45:00	8.924,86	8.387,31	18.160,57
16.10.2019	07:00:00	9.333,59	8.803,28	19.230,32
16.10.2019	07:15:00	9.827,35	9.290,18	20.159,03
16.10.2019	07:30:00	10.225,09	9.690,26	21.138,27
16.10.2019	07:45:00	10.124,87	9.590,00	21.435,25
16.10.2019	08:00:00	10.069,79	9.522,33	21.740,75
16.10.2019	08:15:00	9.927,05	9.310,76	21.853,72
16.10.2019	08:30:00	9.831,81	9.145,95	21.760,38
16.10.2019	08:45:00	9.712,17	8.943,69	21.806,04

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16.10.2019	09:00:00	9.832,26	8.840,11	21.657,09
16.10.2019	09:15:00	10.100,36	8.833,32	21.080,04
16.10.2019	09:30:00	9.980,38	8.412,84	20.605,05
16.10.2019	09:45:00	9.904,22	8.027,02	20.442,84
16.10.2019	10:00:00	9.922,80	7.818,68	20.412,64
16.10.2019	10:15:00	10.086,38	7.604,27	20.251,42
16.10.2019	10:30:00	10.178,11	7.341,52	19.849,21
16.10.2019	10:45:00	10.127,59	6.908,86	19.614,77
16.10.2019	11:00:00	10.209,82	6.722,28	19.294,38
16.10.2019	11:15:00	10.508,04	6.565,73	19.067,84
16.10.2019	11:30:00	10.764,03	6.664,77	19.304,61
16.10.2019	11:45:00	10.900,31	6.598,15	18.925,52
16.10.2019	12:00:00	10.831,33	6.930,28	19.142,68
16.10.2019	12:15:00	11.671,36	7.990,09	19.947,85
16.10.2019	12:30:00	11.838,22	7.757,97	19.365,08
16.10.2019	12:45:00	11.083,39	8.248,99	20.085,53
16.10.2019	13:00:00	11.456,92	7.634,68	19.655,86
16.10.2019	13:15:00	10.469,96	6.242,60	18.211,88
16.10.2019	13:30:00	10.222,87	6.036,86	18.011,08
16.10.2019	13:45:00	10.544,87	5.526,73	17.442,52
16.10.2019	14:00:00	10.490,14	5.460,85	17.510,24
16.10.2019	14:15:00	10.544,78	5.353,84	17.183,56
16.10.2019	14:30:00	10.146,53	5.398,39	17.021,42
16.10.2019	14:45:00	10.589,36	5.532,34	16.959,44
16.10.2019	15:00:00	10.356,72	5.410,71	16.895,88
16.10.2019	15:15:00	10.571,09	5.763,85	16.980,21
16.10.2019	15:30:00	10.134,79	6.112,44	17.054,89
16.10.2019	15:45:00	10.650,91	6.199,83	16.588,14
16.10.2019	16:00:00	10.858,87	6.630,26	16.848,53
16.10.2019	16:15:00	11.721,35	7.772,03	17.729,72
16.10.2019	16:30:00	11.732,52	8.032,33	17.847,48
16.10.2019	16:45:00	11.664,81	8.633,33	18.198,62
16.10.2019	17:00:00	11.107,99	9.124,92	18.462,62
16.10.2019	17:15:00	10.866,68	9.769,20	18.930,55
16.10.2019	17:30:00	11.253,49	10.393,79	19.502,13
16.10.2019	17:45:00	11.489,93	10.783,08	19.741,27
16.10.2019	18:00:00	11.745,79	11.213,69	19.994,94
16.10.2019	18:15:00	11.907,26	11.537,38	20.191,92
16.10.2019	18:30:00	12.144,20	11.899,83	20.501,08
16.10.2019	18:45:00	12.456,09	12.265,17	20.766,13
16.10.2019	19:00:00	13.274,73	13.105,57	21.574,84
16.10.2019	19:15:00	13.763,91	13.422,21	21.842,20
16.10.2019	19:30:00	13.937,39	13.564,58	21.866,80
16.10.2019	19:45:00	13.847,88	13.447,70	21.616,38
16.10.2019	20:00:00	13.564,44	13.144,31	21.108,01
16.10.2019	20:15:00	13.286,39	12.848,39	20.875,88
16.10.2019	20:30:00	12.947,07	12.503,81	20.494,66
16.10.2019	20:45:00	12.745,83	12.294,24	20.096,27
16.10.2019	21:00:00	12.382,71	11.923,10	19.506,58
16.10.2019	21:15:00	12.259,16	11.802,42	19.099,14
16.10.2019	21:30:00	12.639,59	12.182,07	19.523,74
16.10.2019	21:45:00	12.068,35	11.598,25	18.712,42
16.10.2019	22:00:00	11.560,58	11.087,56	17.989,32
16.10.2019	22:15:00	11.344,68	10.868,63	17.487,48
16.10.2019	22:30:00	10.898,27	10.419,39	16.615,33
16.10.2019	22:45:00	10.566,13	10.078,47	16.166,30
16.10.2019	23:00:00	10.512,25	10.020,03	15.894,78
16.10.2019	23:15:00	9.797,35	9.302,59	14.972,29
16.10.2019	23:30:00	9.081,38	8.607,70	14.192,12
16.10.2019	23:45:00	8.528,03	8.230,06	13.585,32
17.10.2019	00:00:00	7.992,53	7.682,20	12.949,95
17.10.2019	00:15:00	7.513,74	7.200,82	12.495,00
17.10.2019	00:30:00	7.275,03	6.961,35	12.182,31
17.10.2019	00:45:00	6.914,41	6.602,66	11.882,44
17.10.2019	01:00:00	6.692,83	6.277,82	11.481,64
17.10.2019	01:15:00	6.446,86	6.039,92	11.194,62
17.10.2019	01:30:00	6.403,02	6.029,48	11.249,86
17.10.2019	01:45:00	6.348,38	5.977,26	11.181,53
17.10.2019	02:00:00	6.305,59	5.902,15	11.089,76
17.10.2019	02:15:00	6.419,68	5.987,37	10.967,32
17.10.2019	02:30:00	6.414,91	5.980,58	10.953,73

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17.10.2019	02:45:00	6.382,27	5.949,51	10.799,87
17.10.2019	03:00:00	6.401,69	5.968,22	10.947,46
17.10.2019	03:15:00	6.489,25	6.051,24	10.979,83
17.10.2019	03:30:00	6.454,38	6.021,56	10.954,25
17.10.2019	03:45:00	6.473,92	6.037,09	11.013,56
17.10.2019	04:00:00	6.627,74	6.192,90	11.265,50
17.10.2019	04:15:00	6.671,78	6.316,68	11.359,18
17.10.2019	04:30:00	6.779,17	6.454,05	11.606,72
17.10.2019	04:45:00	7.046,62	6.724,67	11.968,50
17.10.2019	05:00:00	7.249,39	6.942,21	12.390,93
17.10.2019	05:15:00	7.549,21	7.264,06	13.014,79
17.10.2019	05:30:00	7.777,62	7.510,52	13.518,58
17.10.2019	05:45:00	8.031,77	7.780,16	14.158,56
17.10.2019	06:00:00	8.299,36	8.059,70	15.225,00
17.10.2019	06:15:00	8.821,26	8.581,43	16.874,16
17.10.2019	06:30:00	9.250,47	8.902,61	18.062,09
17.10.2019	06:45:00	9.662,77	9.252,36	18.965,38
17.10.2019	07:00:00	10.048,25	9.675,84	20.014,66
17.10.2019	07:15:00	10.636,07	10.255,16	21.139,16
17.10.2019	07:30:00	10.870,07	10.422,22	21.656,69
17.10.2019	07:45:00	10.893,05	10.443,67	22.160,40
17.10.2019	08:00:00	10.826,55	10.376,75	22.581,72
17.10.2019	08:15:00	11.344,59	10.873,28	23.538,14
17.10.2019	08:30:00	11.243,52	10.651,42	23.425,15
17.10.2019	08:45:00	11.046,34	10.381,03	23.534,46
17.10.2019	09:00:00	10.830,34	10.172,57	23.212,84
17.10.2019	09:15:00	11.946,72	11.300,87	23.874,05
17.10.2019	09:30:00	11.999,08	11.018,48	23.522,26
17.10.2019	09:45:00	11.709,53	10.374,43	23.076,53
17.10.2019	10:00:00	11.622,45	10.279,26	23.214,19
17.10.2019	10:15:00	11.756,03	10.143,64	22.773,76
17.10.2019	10:30:00	11.612,69	9.032,20	21.626,17
17.10.2019	10:45:00	11.385,18	8.655,03	21.376,40
17.10.2019	11:00:00	11.485,81	8.095,96	20.746,61
17.10.2019	11:15:00	11.774,59	8.134,81	21.063,66
17.10.2019	11:30:00	11.741,00	8.944,43	21.806,42
17.10.2019	11:45:00	12.057,65	9.334,07	22.085,31
17.10.2019	12:00:00	12.332,83	9.075,62	21.529,86
17.10.2019	12:15:00	13.056,40	8.008,01	19.840,97
17.10.2019	12:30:00	12.569,05	8.407,74	19.926,22
17.10.2019	12:45:00	12.310,30	9.505,55	21.314,14
17.10.2019	13:00:00	11.927,61	8.575,28	20.570,34
17.10.2019	13:15:00	11.949,41	7.983,08	20.107,10
17.10.2019	13:30:00	10.958,68	7.089,72	19.303,13
17.10.2019	13:45:00	11.565,92	7.933,40	20.367,77
17.10.2019	14:00:00	9.760,53	6.801,05	19.278,31
17.10.2019	14:15:00	9.984,57	6.688,18	18.985,32
17.10.2019	14:30:00	11.768,23	6.919,24	19.066,27
17.10.2019	14:45:00	10.314,84	7.326,34	19.196,61
17.10.2019	15:00:00	11.572,51	7.044,86	18.784,68
17.10.2019	15:15:00	11.807,45	7.027,85	18.584,69
17.10.2019	15:30:00	11.547,18	7.008,68	18.350,50
17.10.2019	15:45:00	11.261,70	8.048,22	19.388,15
17.10.2019	16:00:00	11.298,67	7.420,35	18.271,86
17.10.2019	16:15:00	11.798,15	8.225,94	18.615,03
17.10.2019	16:30:00	11.880,72	8.647,39	18.767,72
17.10.2019	16:45:00	11.182,08	10.087,07	20.044,89
17.10.2019	17:00:00	11.290,20	10.019,43	19.578,80
17.10.2019	17:15:00	11.308,11	10.724,05	20.235,89
17.10.2019	17:30:00	11.589,61	11.202,67	20.709,20
17.10.2019	17:45:00	12.091,80	11.792,92	21.053,33
17.10.2019	18:00:00	12.234,44	12.008,84	21.243,77
17.10.2019	18:15:00	12.610,24	12.427,53	21.557,72
17.10.2019	18:30:00	13.018,87	12.849,83	21.765,31
17.10.2019	18:45:00	13.390,42	13.010,39	21.793,00
17.10.2019	19:00:00	13.890,67	13.506,92	22.235,42
17.10.2019	19:15:00	14.083,31	13.699,28	22.247,36
17.10.2019	19:30:00	14.047,89	13.641,41	22.083,48
17.10.2019	19:45:00	13.921,16	13.489,44	21.753,86
17.10.2019	20:00:00	13.734,82	13.302,04	21.297,86
17.10.2019	20:15:00	13.207,05	12.770,69	20.512,47

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.10.2019	20:30:00	12.880,35	12.428,93	19.868,71
17.10.2019	20:45:00	12.763,05	12.301,76	19.620,63
17.10.2019	21:00:00	12.315,61	11.857,35	19.094,97
17.10.2019	21:15:00	12.080,44	11.639,00	18.830,72
17.10.2019	21:30:00	12.108,20	11.690,86	18.726,78
17.10.2019	21:45:00	11.562,46	11.025,07	17.921,81
17.10.2019	22:00:00	11.150,27	10.608,28	17.294,82
17.10.2019	22:15:00	10.598,30	10.058,39	16.348,75
17.10.2019	22:30:00	10.212,86	9.677,75	15.821,55
17.10.2019	22:45:00	10.034,38	9.504,17	15.392,49
17.10.2019	23:00:00	9.749,24	9.216,23	15.020,02
17.10.2019	23:15:00	9.196,50	8.660,70	14.355,99
17.10.2019	23:30:00	8.505,04	7.959,97	13.544,92
17.10.2019	23:45:00	8.098,11	7.595,80	13.071,14
18.10.2019	00:00:00	7.598,69	7.177,11	12.423,46
18.10.2019	00:15:00	7.159,90	6.734,56	11.910,94
18.10.2019	00:30:00	6.788,05	6.360,00	11.647,72
18.10.2019	00:45:00	6.595,48	6.205,52	11.490,52
18.10.2019	01:00:00	6.449,00	6.060,22	11.348,04
18.10.2019	01:15:00	6.346,71	5.970,59	11.275,23
18.10.2019	01:30:00	6.156,81	5.784,25	11.028,22
18.10.2019	01:45:00	6.062,30	5.675,12	10.997,52
18.10.2019	02:00:00	5.885,22	5.516,13	10.706,35
18.10.2019	02:15:00	5.886,17	5.549,28	10.771,53
18.10.2019	02:30:00	5.887,88	5.515,34	10.850,63
18.10.2019	02:45:00	5.815,33	5.440,80	10.750,99
18.10.2019	03:00:00	5.940,61	5.568,16	10.825,21
18.10.2019	03:15:00	5.898,71	5.521,93	10.621,44
18.10.2019	03:30:00	5.904,90	5.537,50	10.743,18
18.10.2019	03:45:00	5.937,79	5.564,92	10.824,66
18.10.2019	04:00:00	6.029,42	5.648,43	10.976,79
18.10.2019	04:15:00	6.151,00	5.788,83	11.078,27
18.10.2019	04:30:00	6.314,88	5.979,56	11.142,93
18.10.2019	04:45:00	6.377,61	6.035,86	11.405,86
18.10.2019	05:00:00	6.572,32	6.186,99	11.715,54
18.10.2019	05:15:00	7.099,43	6.958,92	12.994,82
18.10.2019	05:30:00	7.149,59	7.045,55	13.324,25
18.10.2019	05:45:00	7.552,07	7.411,24	13.911,09
18.10.2019	06:00:00	7.899,79	7.749,60	14.903,14
18.10.2019	06:15:00	8.605,43	8.364,14	17.064,74
18.10.2019	06:30:00	9.128,45	8.907,87	18.541,72
18.10.2019	06:45:00	9.477,92	9.181,50	19.529,64
18.10.2019	07:00:00	9.986,95	9.622,68	20.493,70
18.10.2019	07:15:00	10.589,98	10.199,46	21.449,96
18.10.2019	07:30:00	10.836,38	10.457,22	22.186,93
18.10.2019	07:45:00	10.822,76	10.356,02	22.455,78
18.10.2019	08:00:00	10.957,79	10.448,47	22.829,43
18.10.2019	08:15:00	10.797,47	10.189,86	22.853,20
18.10.2019	08:30:00	10.601,74	9.906,65	22.653,93
18.10.2019	08:45:00	10.669,13	9.821,04	22.531,22
18.10.2019	09:00:00	11.132,93	10.091,17	22.784,06
18.10.2019	09:15:00	11.580,41	10.509,87	22.777,20
18.10.2019	09:30:00	11.706,41	10.472,50	22.653,20
18.10.2019	09:45:00	11.461,16	10.140,25	22.515,72
18.10.2019	10:00:00	11.546,78	10.318,26	22.543,14
18.10.2019	10:15:00	11.720,85	10.511,69	22.751,99
18.10.2019	10:30:00	11.873,44	10.374,10	22.784,45
18.10.2019	10:45:00	11.678,84	10.248,69	22.818,26
18.10.2019	11:00:00	11.941,04	10.600,68	23.291,22
18.10.2019	11:15:00	12.384,03	10.931,33	23.504,05
18.10.2019	11:30:00	12.390,19	10.939,10	23.389,37
18.10.2019	11:45:00	12.533,56	11.156,66	23.246,28
18.10.2019	12:00:00	12.715,52	11.596,48	23.728,88
18.10.2019	12:15:00	12.986,50	11.110,25	22.603,04
18.10.2019	12:30:00	12.937,38	11.369,52	22.518,92
18.10.2019	12:45:00	12.673,52	11.045,27	22.249,41
18.10.2019	13:00:00	12.275,21	9.973,47	21.185,33
18.10.2019	13:15:00	12.603,05	8.746,26	19.742,74
18.10.2019	13:30:00	12.221,63	7.692,83	18.710,79
18.10.2019	13:45:00	11.647,98	6.446,87	17.492,62
18.10.2019	14:00:00	11.640,55	6.417,19	17.218,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.10.2019	14:15:00	11.677,04	6.378,56	16.994,09
18.10.2019	14:30:00	11.692,64	6.630,09	16.947,67
18.10.2019	14:45:00	11.620,43	8.345,90	18.645,83
18.10.2019	15:00:00	10.934,57	9.728,39	20.069,94
18.10.2019	15:15:00	11.556,88	11.243,00	21.611,16
18.10.2019	15:30:00	12.103,48	11.920,99	22.061,92
18.10.2019	15:45:00	12.322,02	11.859,87	21.616,98
18.10.2019	16:00:00	11.960,78	11.307,33	20.991,86
18.10.2019	16:15:00	11.763,83	10.975,18	20.215,32
18.10.2019	16:30:00	11.679,53	10.874,83	19.823,73
18.10.2019	16:45:00	11.666,52	10.939,47	19.748,21
18.10.2019	17:00:00	11.715,40	10.703,77	19.374,47
18.10.2019	17:15:00	11.463,87	10.113,40	18.534,95
18.10.2019	17:30:00	11.856,28	10.906,47	19.309,23
18.10.2019	17:45:00	12.165,83	11.442,37	19.750,19
18.10.2019	18:00:00	12.212,57	11.605,37	19.506,80
18.10.2019	18:15:00	12.316,46	11.780,31	19.566,54
18.10.2019	18:30:00	12.561,50	12.103,11	19.744,62
18.10.2019	18:45:00	12.950,13	12.505,04	20.231,38
18.10.2019	19:00:00	13.718,06	13.277,40	20.941,41
18.10.2019	19:15:00	13.914,42	13.465,88	21.073,89
18.10.2019	19:30:00	13.815,50	13.358,15	20.789,58
18.10.2019	19:45:00	13.817,09	13.342,06	20.717,63
18.10.2019	20:00:00	13.524,01	13.049,73	20.267,94
18.10.2019	20:15:00	13.047,05	12.623,59	19.673,30
18.10.2019	20:30:00	12.767,02	12.375,63	19.100,59
18.10.2019	20:45:00	12.398,75	12.007,03	18.517,24
18.10.2019	21:00:00	12.130,61	11.721,99	18.101,07
18.10.2019	21:15:00	12.030,97	11.720,74	17.852,40
18.10.2019	21:30:00	12.501,79	12.309,32	18.459,59
18.10.2019	21:45:00	12.145,19	11.929,31	18.148,26
18.10.2019	22:00:00	11.742,79	11.549,82	17.718,50
18.10.2019	22:15:00	11.548,63	11.343,31	17.343,86
18.10.2019	22:30:00	11.386,21	11.173,62	16.990,10
18.10.2019	22:45:00	11.237,01	11.027,99	16.550,93
18.10.2019	23:00:00	11.030,32	10.822,68	16.074,99
18.10.2019	23:15:00	10.347,34	10.133,15	15.424,30
18.10.2019	23:30:00	9.753,29	9.530,35	14.786,04
18.10.2019	23:45:00	9.056,09	8.828,71	13.853,80
19.10.2019	00:00:00	8.610,44	8.379,67	13.249,40
19.10.2019	00:15:00	8.075,33	7.834,98	12.602,93
19.10.2019	00:30:00	7.792,44	7.562,47	12.375,46
19.10.2019	00:45:00	7.429,46	7.197,93	12.207,50
19.10.2019	01:00:00	7.074,23	6.837,71	11.808,62
19.10.2019	01:15:00	6.963,58	6.724,90	11.663,88
19.10.2019	01:30:00	6.717,41	6.485,46	11.446,16
19.10.2019	01:45:00	6.578,70	6.374,39	11.403,45
19.10.2019	02:00:00	6.489,60	6.258,41	11.246,50
19.10.2019	02:15:00	6.515,10	6.304,32	11.157,72
19.10.2019	02:30:00	6.455,91	6.280,74	10.994,89
19.10.2019	02:45:00	6.411,53	6.238,38	11.038,70
19.10.2019	03:00:00	6.446,41	6.229,27	11.049,36
19.10.2019	03:15:00	6.408,21	6.159,15	11.000,11
19.10.2019	03:30:00	6.359,96	6.108,81	10.827,73
19.10.2019	03:45:00	6.534,67	6.292,60	10.837,74
19.10.2019	04:00:00	6.594,94	6.350,03	10.857,15
19.10.2019	04:15:00	6.685,98	6.444,24	10.825,11
19.10.2019	04:30:00	6.815,42	6.541,81	10.861,80
19.10.2019	04:45:00	6.736,18	6.403,16	10.796,59
19.10.2019	05:00:00	6.900,00	6.555,55	10.943,08
19.10.2019	05:15:00	7.045,92	6.720,03	11.278,82
19.10.2019	05:30:00	6.951,88	6.631,80	11.224,55
19.10.2019	05:45:00	7.256,36	6.936,42	11.304,31
19.10.2019	06:00:00	7.447,04	7.131,72	11.704,50
19.10.2019	06:15:00	7.511,62	7.203,21	12.023,23
19.10.2019	06:30:00	7.809,49	7.508,53	12.262,96
19.10.2019	06:45:00	7.782,00	7.417,19	12.107,90
19.10.2019	07:00:00	7.982,14	7.475,33	12.312,40
19.10.2019	07:15:00	8.305,49	7.771,78	12.789,69
19.10.2019	07:30:00	8.742,47	8.184,66	13.494,54
19.10.2019	07:45:00	9.239,17	8.728,66	14.054,25

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.10.2019	08:00:00	9.405,09	9.018,82	14.409,94
19.10.2019	08:15:00	9.744,57	9.366,87	14.783,31
19.10.2019	08:30:00	9.969,12	9.561,64	14.989,43
19.10.2019	08:45:00	10.324,28	10.124,35	15.586,45
19.10.2019	09:00:00	10.659,30	10.427,27	15.967,75
19.10.2019	09:15:00	11.114,84	10.822,14	16.319,22
19.10.2019	09:30:00	11.437,47	11.121,47	16.649,13
19.10.2019	09:45:00	11.653,12	11.264,53	16.838,63
19.10.2019	10:00:00	11.856,39	11.378,94	17.037,44
19.10.2019	10:15:00	12.175,41	11.607,43	17.262,07
19.10.2019	10:30:00	12.382,18	11.860,73	17.482,23
19.10.2019	10:45:00	12.418,71	11.864,37	17.526,91
19.10.2019	11:00:00	12.461,19	11.931,00	17.469,92
19.10.2019	11:15:00	12.620,78	12.087,34	17.643,63
19.10.2019	11:30:00	12.873,42	12.205,01	17.724,78
19.10.2019	11:45:00	13.031,07	12.177,77	17.631,76
19.10.2019	12:00:00	13.006,48	11.712,18	17.031,28
19.10.2019	12:15:00	13.152,81	11.917,24	17.141,96
19.10.2019	12:30:00	13.337,42	12.414,36	17.392,64
19.10.2019	12:45:00	13.262,77	12.231,69	17.143,12
19.10.2019	13:00:00	13.004,78	11.162,18	16.141,33
19.10.2019	13:15:00	12.689,74	10.666,33	15.791,86
19.10.2019	13:30:00	12.767,82	11.004,66	16.130,63
19.10.2019	13:45:00	12.444,44	11.256,42	16.439,72
19.10.2019	14:00:00	12.156,75	11.198,40	16.303,46
19.10.2019	14:15:00	12.029,94	11.017,21	15.956,42
19.10.2019	14:30:00	11.900,80	10.782,85	15.594,86
19.10.2019	14:45:00	11.619,68	10.358,63	15.169,36
19.10.2019	15:00:00	11.395,58	9.710,79	14.442,72
19.10.2019	15:15:00	11.232,74	9.769,57	14.541,80
19.10.2019	15:30:00	11.193,38	10.270,74	15.078,10
19.10.2019	15:45:00	11.350,98	10.515,33	15.253,06
19.10.2019	16:00:00	11.239,35	10.176,08	14.845,07
19.10.2019	16:15:00	11.245,31	10.471,85	15.195,25
19.10.2019	16:30:00	11.299,58	10.584,30	15.341,65
19.10.2019	16:45:00	11.340,42	10.637,51	15.449,18
19.10.2019	17:00:00	11.351,12	10.797,08	15.690,62
19.10.2019	17:15:00	11.754,59	11.202,92	16.044,76
19.10.2019	17:30:00	11.874,07	11.455,15	16.268,47
19.10.2019	17:45:00	12.064,35	11.786,54	16.613,51
19.10.2019	18:00:00	12.168,52	11.931,60	16.713,56
19.10.2019	18:15:00	12.304,21	11.960,61	16.649,76
19.10.2019	18:30:00	12.249,72	12.038,95	16.797,13
19.10.2019	18:45:00	12.787,83	12.607,15	17.299,24
19.10.2019	19:00:00	13.160,00	12.979,46	17.729,58
19.10.2019	19:15:00	13.271,32	13.098,55	17.984,96
19.10.2019	19:30:00	13.402,88	13.236,04	18.063,03
19.10.2019	19:45:00	13.231,12	13.047,16	17.870,53
19.10.2019	20:00:00	12.966,11	12.785,92	17.515,85
19.10.2019	20:15:00	12.476,04	12.133,90	16.689,40
19.10.2019	20:30:00	12.198,14	11.791,59	16.335,23
19.10.2019	20:45:00	11.967,80	11.559,11	16.133,41
19.10.2019	21:00:00	11.754,28	11.335,32	15.814,04
19.10.2019	21:15:00	11.644,42	11.237,79	15.618,06
19.10.2019	21:30:00	12.034,70	11.675,68	15.971,16
19.10.2019	21:45:00	11.498,32	11.292,68	15.498,37
19.10.2019	22:00:00	11.226,78	11.022,56	15.475,87
19.10.2019	22:15:00	11.213,02	10.980,02	15.483,72
19.10.2019	22:30:00	11.043,68	10.849,18	15.325,49
19.10.2019	22:45:00	10.947,82	10.751,02	15.034,96
19.10.2019	23:00:00	10.908,88	10.695,16	14.923,61
19.10.2019	23:15:00	10.438,48	10.226,61	14.408,22
19.10.2019	23:30:00	9.893,54	9.579,87	13.825,72
19.10.2019	23:45:00	9.529,82	9.199,45	13.444,91
20.10.2019	00:00:00	9.004,19	8.672,81	12.942,97
20.10.2019	00:15:00	8.559,51	8.225,74	12.354,76
20.10.2019	00:30:00	8.135,02	7.795,14	11.859,34
20.10.2019	00:45:00	7.729,84	7.379,77	11.428,14
20.10.2019	01:00:00	7.469,82	7.126,71	11.160,04
20.10.2019	01:15:00	7.218,05	6.875,00	10.905,52
20.10.2019	01:30:00	6.992,75	6.648,01	10.528,86

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.10.2019	01:45:00	6.762,38	6.515,63	10.393,90
20.10.2019	02:00:00	6.613,53	6.366,13	10.310,50
20.10.2019	02:15:00	6.508,61	6.249,71	10.150,45
20.10.2019	02:30:00	6.429,19	6.170,38	9.921,64
20.10.2019	02:45:00	6.347,52	6.091,76	9.613,07
20.10.2019	03:00:00	6.330,62	6.071,37	9.575,85
20.10.2019	03:15:00	6.236,01	5.973,69	9.536,22
20.10.2019	03:30:00	6.270,95	5.995,10	9.736,44
20.10.2019	03:45:00	6.345,74	6.081,55	9.777,69
20.10.2019	04:00:00	6.382,47	6.119,51	9.696,27
20.10.2019	04:15:00	6.634,64	6.373,91	9.872,45
20.10.2019	04:30:00	6.742,72	6.467,85	9.965,92
20.10.2019	04:45:00	6.620,48	6.361,61	9.917,68
20.10.2019	05:00:00	6.639,02	6.383,44	9.947,13
20.10.2019	05:15:00	6.815,30	6.570,68	10.119,10
20.10.2019	05:30:00	6.746,32	6.518,71	10.074,43
20.10.2019	05:45:00	6.833,18	6.590,70	10.168,12
20.10.2019	06:00:00	6.880,95	6.654,66	10.332,10
20.10.2019	06:15:00	6.844,26	6.608,42	10.318,18
20.10.2019	06:30:00	6.839,29	6.621,12	10.225,74
20.10.2019	06:45:00	6.758,89	6.374,31	10.048,17
20.10.2019	07:00:00	6.691,19	6.256,53	9.904,28
20.10.2019	07:15:00	7.136,90	6.719,51	10.345,79
20.10.2019	07:30:00	7.378,40	6.966,99	10.690,06
20.10.2019	07:45:00	7.443,20	7.026,16	10.703,48
20.10.2019	08:00:00	7.537,64	7.126,45	10.795,16
20.10.2019	08:15:00	7.976,76	7.500,16	11.129,92
20.10.2019	08:30:00	8.354,75	7.767,47	11.387,25
20.10.2019	08:45:00	8.802,19	8.078,49	11.688,82
20.10.2019	09:00:00	8.928,96	7.924,51	11.582,09
20.10.2019	09:15:00	9.261,51	8.059,19	11.658,52
20.10.2019	09:30:00	9.403,04	8.087,92	11.674,92
20.10.2019	09:45:00	9.748,62	8.163,94	11.719,44
20.10.2019	10:00:00	9.857,05	7.681,24	11.200,38
20.10.2019	10:15:00	10.404,24	9.088,05	12.773,99
20.10.2019	10:30:00	10.966,88	8.947,72	12.769,44
20.10.2019	10:45:00	10.941,51	8.653,83	12.345,38
20.10.2019	11:00:00	10.930,16	8.107,81	11.683,64
20.10.2019	11:15:00	10.968,15	7.173,07	10.805,34
20.10.2019	11:30:00	11.258,74	6.888,29	10.460,18
20.10.2019	11:45:00	11.523,73	7.663,55	11.291,84
20.10.2019	12:00:00	11.792,34	8.099,37	11.678,07
20.10.2019	12:15:00	11.598,37	7.593,98	11.115,77
20.10.2019	12:30:00	11.830,60	8.369,26	11.990,44
20.10.2019	12:45:00	11.644,40	6.844,31	10.617,16
20.10.2019	13:00:00	11.419,17	6.619,72	10.406,56
20.10.2019	13:15:00	11.155,05	6.186,53	9.966,64
20.10.2019	13:30:00	11.098,50	6.096,24	9.864,00
20.10.2019	13:45:00	10.956,67	5.713,37	9.778,88
20.10.2019	14:00:00	10.401,62	5.290,33	9.426,35
20.10.2019	14:15:00	10.156,00	6.724,34	10.939,46
20.10.2019	14:30:00	9.858,07	6.770,83	10.970,52
20.10.2019	14:45:00	9.883,01	5.733,59	9.996,25
20.10.2019	15:00:00	9.660,36	6.545,55	10.866,71
20.10.2019	15:15:00	9.820,54	5.526,25	9.596,85
20.10.2019	15:30:00	9.796,09	5.399,22	9.324,51
20.10.2019	15:45:00	9.724,47	5.751,09	9.754,04
20.10.2019	16:00:00	10.008,84	5.967,23	9.973,70
20.10.2019	16:15:00	9.597,01	7.017,00	11.166,64
20.10.2019	16:30:00	9.632,20	6.518,75	10.677,66
20.10.2019	16:45:00	9.123,37	7.418,03	11.580,21
20.10.2019	17:00:00	9.202,20	8.094,93	12.363,02
20.10.2019	17:15:00	9.468,11	8.481,61	12.849,72
20.10.2019	17:30:00	9.923,42	9.160,88	13.558,97
20.10.2019	17:45:00	10.158,04	9.612,99	13.953,20
20.10.2019	18:00:00	10.562,25	10.157,36	14.477,19
20.10.2019	18:15:00	11.018,20	10.516,81	14.819,07
20.10.2019	18:30:00	11.635,20	11.174,19	15.509,68
20.10.2019	18:45:00	12.361,42	11.921,35	16.353,39
20.10.2019	19:00:00	12.994,25	12.563,83	16.839,24
20.10.2019	19:15:00	13.270,94	12.835,84	16.942,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.10.2019	19:30:00	13.144,16	12.755,64	16.851,72
20.10.2019	19:45:00	13.008,36	12.667,17	16.705,46
20.10.2019	20:00:00	12.732,95	12.512,09	16.434,13
20.10.2019	20:15:00	12.525,02	12.258,71	16.282,85
20.10.2019	20:30:00	12.322,63	12.051,36	16.029,73
20.10.2019	20:45:00	12.013,21	11.736,06	15.712,72
20.10.2019	21:00:00	11.474,87	11.193,36	15.186,28
20.10.2019	21:15:00	11.405,22	11.121,37	15.068,61
20.10.2019	21:30:00	11.722,54	11.442,05	15.335,00
20.10.2019	21:45:00	11.283,05	10.995,17	15.028,93
20.10.2019	22:00:00	10.859,68	10.558,25	14.578,53
20.10.2019	22:15:00	10.704,26	10.304,89	14.421,05
20.10.2019	22:30:00	10.344,21	9.941,76	14.162,06
20.10.2019	22:45:00	10.217,83	9.820,48	13.983,48
20.10.2019	23:00:00	9.928,39	9.535,33	13.606,00
20.10.2019	23:15:00	9.226,24	8.840,36	12.915,00
20.10.2019	23:30:00	8.759,66	8.402,27	12.502,96
20.10.2019	23:45:00	8.185,78	7.824,04	11.924,88
21.10.2019	00:00:00	7.702,21	7.337,88	11.421,28
21.10.2019	00:15:00	7.272,52	6.947,33	11.037,34
21.10.2019	00:30:00	6.872,16	6.637,89	10.830,86
21.10.2019	00:45:00	6.643,75	6.419,71	10.618,34
21.10.2019	01:00:00	6.424,77	6.153,22	10.398,27
21.10.2019	01:15:00	6.239,95	5.969,23	10.241,37
21.10.2019	01:30:00	6.114,80	5.838,41	9.999,22
21.10.2019	01:45:00	5.924,84	5.647,67	9.690,99
21.10.2019	02:00:00	5.792,41	5.539,44	9.512,98
21.10.2019	02:15:00	5.811,16	5.552,09	9.549,47
21.10.2019	02:30:00	5.799,79	5.537,65	9.603,78
21.10.2019	02:45:00	5.722,05	5.439,97	9.486,01
21.10.2019	03:00:00	5.827,98	5.564,53	9.516,98
21.10.2019	03:15:00	5.846,55	5.592,30	9.663,60
21.10.2019	03:30:00	5.846,20	5.585,56	9.899,96
21.10.2019	03:45:00	6.078,26	5.785,88	10.196,30
21.10.2019	04:00:00	6.116,84	5.804,36	10.234,41
21.10.2019	04:15:00	6.288,58	5.976,34	10.316,47
21.10.2019	04:30:00	6.429,33	6.121,17	10.401,32
21.10.2019	04:45:00	6.545,75	6.225,70	10.582,69
21.10.2019	05:00:00	6.755,80	6.458,01	11.058,18
21.10.2019	05:15:00	7.287,59	7.010,97	12.258,50
21.10.2019	05:30:00	7.414,33	7.162,56	12.701,14
21.10.2019	05:45:00	7.922,07	7.597,98	13.496,23
21.10.2019	06:00:00	8.183,58	7.836,85	14.457,62
21.10.2019	06:15:00	8.601,55	8.264,53	16.397,60
21.10.2019	06:30:00	9.069,55	8.750,81	17.789,50
21.10.2019	06:45:00	9.472,70	8.975,15	19.061,00
21.10.2019	07:00:00	10.057,42	9.572,73	20.280,20
21.10.2019	07:15:00	10.586,95	10.099,94	21.292,69
21.10.2019	07:30:00	10.910,42	10.424,02	21.847,70
21.10.2019	07:45:00	11.198,39	10.710,39	22.438,22
21.10.2019	08:00:00	10.903,08	10.410,32	22.696,82
21.10.2019	08:15:00	11.082,50	10.639,49	22.984,78
21.10.2019	08:30:00	11.082,44	10.574,28	23.146,44
21.10.2019	08:45:00	11.183,18	10.607,57	23.214,62
21.10.2019	09:00:00	11.442,06	10.730,77	23.133,81
21.10.2019	09:15:00	11.633,30	10.857,63	22.771,00
21.10.2019	09:30:00	11.863,18	10.998,76	22.940,59
21.10.2019	09:45:00	11.771,48	10.847,81	23.312,68
21.10.2019	10:00:00	11.975,12	11.032,92	23.604,40
21.10.2019	10:15:00	11.929,45	10.963,91	23.469,19
21.10.2019	10:30:00	11.904,94	10.445,98	22.922,73
21.10.2019	10:45:00	11.850,50	10.158,87	22.711,58
21.10.2019	11:00:00	11.669,19	9.763,57	22.505,54
21.10.2019	11:15:00	11.714,60	9.739,22	22.330,26
21.10.2019	11:30:00	11.741,37	9.141,47	21.932,17
21.10.2019	11:45:00	12.070,74	8.386,01	20.947,34
21.10.2019	12:00:00	12.304,11	8.020,04	20.259,70
21.10.2019	12:15:00	12.656,32	8.297,09	19.942,54
21.10.2019	12:30:00	12.613,68	7.810,50	19.105,78
21.10.2019	12:45:00	12.580,65	7.807,46	19.514,50
21.10.2019	13:00:00	12.183,08	9.839,57	21.660,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.10.2019	13:15:00	12.060,31	9.251,45	21.126,89
21.10.2019	13:30:00	11.778,33	9.575,41	21.787,20
21.10.2019	13:45:00	11.537,90	9.437,25	21.565,13
21.10.2019	14:00:00	11.542,37	9.676,10	21.557,07
21.10.2019	14:15:00	11.419,09	9.547,46	21.302,77
21.10.2019	14:30:00	11.351,29	9.049,47	20.940,73
21.10.2019	14:45:00	11.543,93	9.914,99	21.608,02
21.10.2019	15:00:00	11.337,52	9.816,73	21.551,55
21.10.2019	15:15:00	11.182,72	9.566,30	21.089,25
21.10.2019	15:30:00	11.699,08	8.800,58	20.109,00
21.10.2019	15:45:00	11.140,62	9.587,03	20.401,54
21.10.2019	16:00:00	11.285,90	9.840,09	20.289,61
21.10.2019	16:15:00	11.179,92	10.024,96	20.104,57
21.10.2019	16:30:00	11.158,81	10.215,46	20.349,27
21.10.2019	16:45:00	11.282,92	10.384,26	20.500,56
21.10.2019	17:00:00	11.323,64	10.445,62	20.476,86
21.10.2019	17:15:00	11.384,22	10.837,83	20.564,91
21.10.2019	17:30:00	11.584,97	11.166,09	20.539,02
21.10.2019	17:45:00	11.795,16	11.543,07	20.881,71
21.10.2019	18:00:00	12.277,58	12.027,26	21.115,56
21.10.2019	18:15:00	12.662,97	12.467,76	21.410,50
21.10.2019	18:30:00	12.968,98	12.800,80	21.548,62
21.10.2019	18:45:00	13.544,40	13.418,07	22.088,68
21.10.2019	19:00:00	14.131,80	13.922,86	22.520,88
21.10.2019	19:15:00	14.211,43	13.974,91	22.490,14
21.10.2019	19:30:00	14.156,37	13.884,87	22.289,11
21.10.2019	19:45:00	13.928,99	13.655,54	21.936,00
21.10.2019	20:00:00	13.460,36	13.176,49	21.452,92
21.10.2019	20:15:00	13.157,52	12.869,03	20.968,38
21.10.2019	20:30:00	12.842,54	12.387,03	20.292,74
21.10.2019	20:45:00	12.495,45	11.993,24	19.908,41
21.10.2019	21:00:00	12.150,81	11.619,50	19.440,34
21.10.2019	21:15:00	11.970,61	11.510,64	19.150,39
21.10.2019	21:30:00	12.228,78	11.804,33	19.239,62
21.10.2019	21:45:00	11.829,64	11.400,91	18.845,66
21.10.2019	22:00:00	11.341,67	10.999,27	17.918,91
21.10.2019	22:15:00	11.048,97	10.820,63	17.334,19
21.10.2019	22:30:00	10.604,85	10.347,84	16.485,18
21.10.2019	22:45:00	10.293,28	10.061,74	15.845,56
21.10.2019	23:00:00	9.971,89	9.730,74	15.325,06
21.10.2019	23:15:00	9.436,28	9.190,73	14.679,44
21.10.2019	23:30:00	8.862,26	8.608,61	13.972,90
21.10.2019	23:45:00	8.268,42	8.004,25	13.283,48
22.10.2019	00:00:00	7.732,95	7.480,82	12.690,90
22.10.2019	00:15:00	7.243,08	6.983,08	12.049,56
22.10.2019	00:30:00	6.924,72	6.666,41	11.689,28
22.10.2019	00:45:00	6.583,37	6.329,07	11.411,51
22.10.2019	01:00:00	6.297,57	6.074,40	11.347,73
22.10.2019	01:15:00	6.104,40	5.852,71	11.214,84
22.10.2019	01:30:00	6.034,98	5.760,23	11.020,18
22.10.2019	01:45:00	5.872,93	5.598,61	10.640,06
22.10.2019	02:00:00	5.790,68	5.607,37	10.520,74
22.10.2019	02:15:00	5.889,53	5.695,74	10.687,92
22.10.2019	02:30:00	5.942,26	5.750,83	10.636,53
22.10.2019	02:45:00	5.896,38	5.706,37	10.618,18
22.10.2019	03:00:00	5.954,52	5.764,67	10.701,85
22.10.2019	03:15:00	5.977,38	5.786,64	10.724,09
22.10.2019	03:30:00	6.016,44	5.826,31	10.906,14
22.10.2019	03:45:00	6.116,11	5.929,00	11.080,07
22.10.2019	04:00:00	6.357,59	6.171,82	11.364,82
22.10.2019	04:15:00	6.470,71	6.292,80	11.467,48
22.10.2019	04:30:00	6.730,01	6.554,15	11.665,60
22.10.2019	04:45:00	6.916,87	6.640,49	11.893,59
22.10.2019	05:00:00	7.109,68	6.807,81	12.417,61
22.10.2019	05:15:00	7.563,16	7.275,28	13.192,62
22.10.2019	05:30:00	7.501,61	7.258,38	13.372,19
22.10.2019	05:45:00	7.951,38	7.692,17	14.189,70
22.10.2019	06:00:00	8.369,48	8.129,21	15.198,11
22.10.2019	06:15:00	8.818,17	8.595,49	17.318,31
22.10.2019	06:30:00	9.412,44	9.061,91	18.890,29
22.10.2019	06:45:00	9.617,74	9.201,24	19.675,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.10.2019	07:00:00	10.146,51	9.753,73	20.751,30
22.10.2019	07:15:00	10.574,14	10.181,47	21.623,92
22.10.2019	07:30:00	10.962,63	10.567,81	22.366,70
22.10.2019	07:45:00	10.916,42	10.519,33	22.875,33
22.10.2019	08:00:00	10.971,89	10.577,96	23.524,55
22.10.2019	08:15:00	11.088,90	10.681,22	23.718,08
22.10.2019	08:30:00	11.291,36	10.854,73	24.053,22
22.10.2019	08:45:00	11.430,00	10.977,14	24.228,85
22.10.2019	09:00:00	11.633,49	11.148,45	24.271,26
22.10.2019	09:15:00	11.986,55	11.408,05	24.017,80
22.10.2019	09:30:00	12.036,69	11.334,13	23.831,54
22.10.2019	09:45:00	11.953,87	11.177,17	24.113,88
22.10.2019	10:00:00	12.156,47	11.259,69	24.368,24
22.10.2019	10:15:00	12.099,53	11.201,18	24.365,41
22.10.2019	10:30:00	12.204,84	11.441,12	24.630,86
22.10.2019	10:45:00	12.307,99	11.591,48	25.084,16
22.10.2019	11:00:00	12.872,00	12.124,06	25.452,30
22.10.2019	11:15:00	12.719,26	11.806,74	25.125,72
22.10.2019	11:30:00	12.623,79	11.494,49	24.864,16
22.10.2019	11:45:00	12.942,61	11.716,54	25.208,40
22.10.2019	12:00:00	12.931,26	11.789,98	24.868,53
22.10.2019	12:15:00	13.493,29	12.330,60	24.800,70
22.10.2019	12:30:00	13.550,00	12.527,23	24.598,74
22.10.2019	12:45:00	12.990,87	11.729,47	23.767,19
22.10.2019	13:00:00	12.467,22	11.362,27	23.664,95
22.10.2019	13:15:00	12.267,85	11.220,29	23.647,96
22.10.2019	13:30:00	11.999,16	11.100,77	23.634,88
22.10.2019	13:45:00	11.877,89	10.616,83	23.091,00
22.10.2019	14:00:00	11.658,61	10.561,25	22.979,93
22.10.2019	14:15:00	11.565,46	10.368,92	22.533,94
22.10.2019	14:30:00	11.729,68	10.116,68	22.229,00
22.10.2019	14:45:00	12.236,40	10.105,73	21.711,86
22.10.2019	15:00:00	11.795,28	9.101,65	20.525,16
22.10.2019	15:15:00	12.371,35	8.350,96	19.910,50
22.10.2019	15:30:00	11.926,89	8.234,16	19.302,69
22.10.2019	15:45:00	12.089,28	8.653,96	19.176,73
22.10.2019	16:00:00	11.995,11	8.678,59	18.965,41
22.10.2019	16:15:00	12.110,32	8.878,19	18.702,48
22.10.2019	16:30:00	11.609,41	9.169,84	18.829,04
22.10.2019	16:45:00	11.212,29	9.637,37	19.466,63
22.10.2019	17:00:00	11.062,36	9.907,87	19.813,19
22.10.2019	17:15:00	11.365,74	10.404,29	19.893,68
22.10.2019	17:30:00	11.588,93	10.773,53	20.086,77
22.10.2019	17:45:00	11.974,61	11.407,54	20.713,55
22.10.2019	18:00:00	12.367,61	12.034,90	21.136,70
22.10.2019	18:15:00	12.572,87	12.360,29	21.428,12
22.10.2019	18:30:00	13.066,02	12.882,92	21.720,48
22.10.2019	18:45:00	13.899,67	13.561,34	22.183,40
22.10.2019	19:00:00	14.256,29	13.917,40	22.514,56
22.10.2019	19:15:00	14.443,20	14.109,24	22.762,60
22.10.2019	19:30:00	14.549,06	14.205,09	22.717,64
22.10.2019	19:45:00	14.211,68	13.861,84	22.325,10
22.10.2019	20:00:00	13.940,33	13.574,47	21.876,79
22.10.2019	20:15:00	13.630,76	13.248,76	21.284,38
22.10.2019	20:30:00	13.543,23	13.155,81	20.956,45
22.10.2019	20:45:00	13.262,37	12.866,14	20.690,83
22.10.2019	21:00:00	12.782,18	12.381,18	20.019,22
22.10.2019	21:15:00	12.627,72	12.218,82	19.838,21
22.10.2019	21:30:00	13.310,64	12.907,62	20.257,72
22.10.2019	21:45:00	12.631,10	12.221,02	18.915,06
22.10.2019	22:00:00	12.107,38	11.695,00	18.221,70
22.10.2019	22:15:00	11.823,50	11.370,00	17.498,58
22.10.2019	22:30:00	11.305,41	10.963,19	16.809,50
22.10.2019	22:45:00	11.278,25	11.053,67	16.718,16
22.10.2019	23:00:00	10.833,33	10.580,86	16.004,45
22.10.2019	23:15:00	10.185,01	9.839,52	15.175,90
22.10.2019	23:30:00	9.373,14	8.982,46	14.227,16
22.10.2019	23:45:00	8.638,58	8.249,72	13.565,82
23.10.2019	00:00:00	8.151,69	7.764,32	12.991,79
23.10.2019	00:15:00	7.651,09	7.298,60	12.393,44
23.10.2019	00:30:00	7.198,50	6.828,71	12.021,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.10.2019	00:45:00	6.951,01	6.553,93	11.712,04
23.10.2019	01:00:00	6.634,83	6.270,72	11.453,52
23.10.2019	01:15:00	6.448,91	6.077,14	11.138,52
23.10.2019	01:30:00	6.405,70	6.028,01	10.964,66
23.10.2019	01:45:00	6.318,19	6.020,33	10.938,36
23.10.2019	02:00:00	6.386,45	6.066,49	11.020,76
23.10.2019	02:15:00	6.320,35	6.049,78	10.929,99
23.10.2019	02:30:00	6.317,02	6.046,51	10.917,43
23.10.2019	02:45:00	6.368,97	6.099,29	10.930,84
23.10.2019	03:00:00	6.445,99	6.142,39	10.999,51
23.10.2019	03:15:00	6.422,19	6.126,70	10.940,04
23.10.2019	03:30:00	6.525,13	6.270,06	11.151,88
23.10.2019	03:45:00	6.442,87	6.186,33	11.081,78
23.10.2019	04:00:00	6.641,16	6.386,60	11.206,66
23.10.2019	04:15:00	6.879,18	6.590,73	11.474,12
23.10.2019	04:30:00	7.026,04	6.763,90	11.763,24
23.10.2019	04:45:00	7.197,89	6.951,10	12.063,01
23.10.2019	05:00:00	7.375,44	7.133,33	12.441,44
23.10.2019	05:15:00	7.715,17	7.488,83	13.197,72
23.10.2019	05:30:00	7.921,96	7.671,04	13.618,49
23.10.2019	05:45:00	8.269,62	7.957,51	14.304,75
23.10.2019	06:00:00	8.643,62	8.250,71	15.133,91
23.10.2019	06:15:00	9.108,28	8.687,32	16.893,29
23.10.2019	06:30:00	9.434,97	8.954,67	18.181,86
23.10.2019	06:45:00	9.734,59	9.221,20	19.131,49
23.10.2019	07:00:00	10.258,14	9.770,45	20.370,51
23.10.2019	07:15:00	10.600,34	10.108,50	21.426,06
23.10.2019	07:30:00	11.107,84	10.625,01	22.378,85
23.10.2019	07:45:00	11.085,31	10.605,31	22.807,41
23.10.2019	08:00:00	11.152,30	10.670,28	23.304,95
23.10.2019	08:15:00	11.431,92	10.931,66	23.643,58
23.10.2019	08:30:00	11.326,72	10.789,95	23.805,77
23.10.2019	08:45:00	11.450,69	10.856,51	24.203,13
23.10.2019	09:00:00	11.537,81	10.881,83	24.352,92
23.10.2019	09:15:00	11.944,67	11.118,85	23.734,75
23.10.2019	09:30:00	11.939,65	10.993,02	23.467,44
23.10.2019	09:45:00	11.832,13	10.784,34	23.625,65
23.10.2019	10:00:00	11.832,83	10.685,37	23.745,95
23.10.2019	10:15:00	11.877,99	10.672,24	23.741,75
23.10.2019	10:30:00	11.806,48	10.521,00	23.601,90
23.10.2019	10:45:00	11.778,62	10.380,51	23.453,48
23.10.2019	11:00:00	11.845,34	10.084,33	23.218,75
23.10.2019	11:15:00	11.523,23	9.700,72	22.751,83
23.10.2019	11:30:00	12.276,02	9.780,63	22.622,26
23.10.2019	11:45:00	12.079,45	9.361,46	22.147,46
23.10.2019	12:00:00	12.386,30	8.493,40	20.801,11
23.10.2019	12:15:00	12.607,08	8.074,20	19.709,56
23.10.2019	12:30:00	12.615,40	8.127,97	19.291,01
23.10.2019	12:45:00	12.232,47	7.666,44	18.890,47
23.10.2019	13:00:00	11.987,18	7.335,11	18.693,77
23.10.2019	13:15:00	11.972,78	7.158,55	18.772,11
23.10.2019	13:30:00	11.836,36	6.957,78	18.791,84
23.10.2019	13:45:00	11.527,45	6.705,35	18.768,62
23.10.2019	14:00:00	11.372,33	6.614,61	18.500,89
23.10.2019	14:15:00	11.351,79	6.586,30	18.397,44
23.10.2019	14:30:00	11.314,69	6.585,60	18.051,20
23.10.2019	14:45:00	11.227,12	6.707,72	18.091,12
23.10.2019	15:00:00	11.311,84	6.804,30	17.939,95
23.10.2019	15:15:00	11.311,80	6.916,24	17.857,25
23.10.2019	15:30:00	11.413,67	7.261,95	18.231,89
23.10.2019	15:45:00	11.523,50	7.476,48	18.159,48
23.10.2019	16:00:00	11.572,74	7.862,56	18.241,67
23.10.2019	16:15:00	11.687,03	8.263,44	18.181,09
23.10.2019	16:30:00	11.159,83	8.719,15	18.837,84
23.10.2019	16:45:00	10.941,53	10.118,30	20.097,93
23.10.2019	17:00:00	11.303,45	10.759,69	20.655,56
23.10.2019	17:15:00	11.643,03	11.336,83	20.932,95
23.10.2019	17:30:00	11.709,84	11.296,83	20.778,28
23.10.2019	17:45:00	11.998,05	11.629,23	20.966,74
23.10.2019	18:00:00	12.431,19	12.115,54	21.349,03
23.10.2019	18:15:00	12.662,12	12.420,13	21.215,05

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.10.2019	18:30:00	12.994,62	12.837,33	21.478,48
23.10.2019	18:45:00	13.924,71	13.803,06	22.465,48
23.10.2019	19:00:00	14.126,93	13.883,04	22.430,93
23.10.2019	19:15:00	14.266,95	13.904,70	22.495,60
23.10.2019	19:30:00	14.244,37	13.849,01	22.371,71
23.10.2019	19:45:00	14.104,61	13.727,71	22.101,58
23.10.2019	20:00:00	13.779,99	13.397,16	21.683,29
23.10.2019	20:15:00	13.469,73	13.072,15	21.274,41
23.10.2019	20:30:00	13.185,26	12.764,61	20.747,76
23.10.2019	20:45:00	12.935,00	12.478,59	20.410,02
23.10.2019	21:00:00	12.597,41	12.164,00	19.830,15
23.10.2019	21:15:00	12.334,44	11.919,28	19.171,24
23.10.2019	21:30:00	12.864,51	12.451,56	19.598,00
23.10.2019	21:45:00	12.176,04	11.747,76	18.719,16
23.10.2019	22:00:00	11.756,20	11.278,05	17.967,88
23.10.2019	22:15:00	11.406,41	10.947,82	17.184,78
23.10.2019	22:30:00	10.965,64	10.532,26	16.483,23
23.10.2019	22:45:00	10.823,13	10.382,10	15.988,77
23.10.2019	23:00:00	10.451,79	10.002,48	15.509,55
23.10.2019	23:15:00	9.791,89	9.336,09	14.653,14
23.10.2019	23:30:00	9.209,08	8.751,01	13.965,88
23.10.2019	23:45:00	8.574,27	8.220,15	13.445,69
24.10.2019	00:00:00	8.072,54	7.811,45	13.037,17
24.10.2019	00:15:00	7.582,61	7.285,72	12.500,30
24.10.2019	00:30:00	7.225,62	6.905,63	12.188,26
24.10.2019	00:45:00	7.003,88	6.733,66	11.753,28
24.10.2019	01:00:00	6.764,52	6.501,67	11.593,12
24.10.2019	01:15:00	6.565,25	6.305,37	11.429,16
24.10.2019	01:30:00	6.440,06	6.160,84	11.187,45
24.10.2019	01:45:00	6.333,00	6.016,45	11.248,34
24.10.2019	02:00:00	6.336,26	6.049,03	11.035,84
24.10.2019	02:15:00	6.249,08	6.053,03	11.059,55
24.10.2019	02:30:00	6.245,94	6.061,17	11.011,21
24.10.2019	02:45:00	6.330,77	6.146,52	11.038,32
24.10.2019	03:00:00	6.397,92	6.172,41	11.105,45
24.10.2019	03:15:00	6.421,76	6.192,87	11.045,90
24.10.2019	03:30:00	6.452,51	6.267,53	11.170,57
24.10.2019	03:45:00	6.599,21	6.416,19	11.456,55
24.10.2019	04:00:00	6.749,49	6.568,47	11.548,36
24.10.2019	04:15:00	6.974,16	6.779,28	11.786,70
24.10.2019	04:30:00	7.089,74	6.860,65	11.874,95
24.10.2019	04:45:00	7.031,91	6.817,74	11.957,68
24.10.2019	05:00:00	7.145,87	6.979,80	12.225,88
24.10.2019	05:15:00	7.601,14	7.460,91	13.150,26
24.10.2019	05:30:00	7.758,92	7.639,70	13.650,02
24.10.2019	05:45:00	8.129,08	7.981,55	14.113,65
24.10.2019	06:00:00	8.466,06	8.302,58	15.103,36
24.10.2019	06:15:00	8.991,30	8.848,66	17.001,54
24.10.2019	06:30:00	9.433,87	9.244,34	18.377,04
24.10.2019	06:45:00	9.869,58	9.555,09	19.670,82
24.10.2019	07:00:00	10.366,44	10.074,45	20.837,64
24.10.2019	07:15:00	10.799,91	10.514,43	21.886,12
24.10.2019	07:30:00	11.114,32	10.832,18	22.701,22
24.10.2019	07:45:00	11.535,34	11.263,55	23.616,89
24.10.2019	08:00:00	11.306,62	11.035,97	23.801,21
24.10.2019	08:15:00	11.261,41	10.968,09	23.942,71
24.10.2019	08:30:00	11.255,89	10.877,04	23.875,73
24.10.2019	08:45:00	11.413,19	11.038,57	24.258,71
24.10.2019	09:00:00	11.700,25	11.341,50	24.732,04
24.10.2019	09:15:00	12.136,03	11.684,25	24.573,14
24.10.2019	09:30:00	11.973,52	11.361,00	23.969,58
24.10.2019	09:45:00	11.951,61	11.123,84	24.148,30
24.10.2019	10:00:00	12.055,99	11.095,47	23.969,17
24.10.2019	10:15:00	11.922,87	10.907,96	23.720,91
24.10.2019	10:30:00	12.144,92	11.373,40	24.383,38
24.10.2019	10:45:00	12.098,82	11.329,47	24.584,05
24.10.2019	11:00:00	12.482,22	11.332,76	24.521,20
24.10.2019	11:15:00	12.424,79	11.001,73	24.070,85
24.10.2019	11:30:00	12.644,28	10.678,87	23.647,24
24.10.2019	11:45:00	12.476,19	10.041,86	22.996,47
24.10.2019	12:00:00	12.532,40	9.031,53	21.670,40

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24.10.2019	12:15:00	12.670,49	8.844,45	20.780,44
24.10.2019	12:30:00	12.844,75	10.015,33	21.664,16
24.10.2019	12:45:00	12.719,48	9.338,20	20.870,63
24.10.2019	13:00:00	12.088,96	8.855,01	20.536,70
24.10.2019	13:15:00	12.183,05	10.003,46	21.788,20
24.10.2019	13:30:00	11.687,82	8.954,43	21.025,29
24.10.2019	13:45:00	11.816,89	9.982,71	22.098,06
24.10.2019	14:00:00	11.535,26	9.918,88	22.119,43
24.10.2019	14:15:00	11.426,27	10.092,56	22.381,12
24.10.2019	14:30:00	11.473,98	10.462,46	22.613,28
24.10.2019	14:45:00	11.434,26	10.462,06	22.351,58
24.10.2019	15:00:00	11.509,16	9.973,84	21.439,15
24.10.2019	15:15:00	11.374,57	9.510,08	20.610,86
24.10.2019	15:30:00	11.688,40	8.153,34	19.158,32
24.10.2019	15:45:00	11.768,17	7.863,36	18.842,24
24.10.2019	16:00:00	11.210,77	8.746,30	19.629,52
24.10.2019	16:15:00	11.206,99	10.182,22	20.693,64
24.10.2019	16:30:00	11.647,19	10.045,16	20.392,12
24.10.2019	16:45:00	11.104,25	9.762,37	19.707,47
24.10.2019	17:00:00	11.311,19	10.598,20	20.439,43
24.10.2019	17:15:00	11.715,58	11.132,48	20.662,73
24.10.2019	17:30:00	11.960,99	11.522,89	20.960,05
24.10.2019	17:45:00	12.332,72	12.102,49	21.531,37
24.10.2019	18:00:00	12.891,58	12.754,73	22.021,83
24.10.2019	18:15:00	13.341,21	13.228,77	22.246,72
24.10.2019	18:30:00	13.639,24	13.519,31	22.307,56
24.10.2019	18:45:00	14.360,95	14.041,94	22.821,08
24.10.2019	19:00:00	14.589,91	14.261,06	23.002,00
24.10.2019	19:15:00	14.603,82	14.260,07	22.942,89
24.10.2019	19:30:00	14.459,52	14.056,10	22.756,70
24.10.2019	19:45:00	14.100,68	13.729,58	22.291,86
24.10.2019	20:00:00	13.723,07	13.297,24	21.528,46
24.10.2019	20:15:00	13.396,91	12.979,35	20.972,43
24.10.2019	20:30:00	13.210,62	12.798,00	20.558,56
24.10.2019	20:45:00	12.847,35	12.395,05	20.214,14
24.10.2019	21:00:00	12.574,62	12.040,13	19.873,59
24.10.2019	21:15:00	12.331,11	11.812,64	19.507,84
24.10.2019	21:30:00	12.624,39	12.063,83	19.305,66
24.10.2019	21:45:00	12.057,29	11.507,26	18.506,04
24.10.2019	22:00:00	11.512,90	10.966,74	17.744,71
24.10.2019	22:15:00	11.331,18	10.749,36	17.109,78
24.10.2019	22:30:00	10.746,35	10.198,80	16.246,93
24.10.2019	22:45:00	10.480,76	9.930,02	15.572,36
24.10.2019	23:00:00	10.330,15	9.778,84	15.392,23
24.10.2019	23:15:00	9.636,24	9.076,88	14.386,12
24.10.2019	23:30:00	9.006,00	8.512,93	13.904,40
24.10.2019	23:45:00	8.473,34	8.016,28	13.314,82
25.10.2019	00:00:00	8.002,79	7.543,60	12.828,57
25.10.2019	00:15:00	7.490,02	7.035,09	12.268,32
25.10.2019	00:30:00	7.086,70	6.627,15	11.862,27
25.10.2019	00:45:00	6.810,37	6.378,93	11.548,38
25.10.2019	01:00:00	6.678,80	6.257,26	11.414,87
25.10.2019	01:15:00	6.424,29	6.007,66	11.187,65
25.10.2019	01:30:00	6.204,04	5.784,71	10.969,93
25.10.2019	01:45:00	6.124,07	5.702,95	10.962,28
25.10.2019	02:00:00	6.056,43	5.638,48	10.809,64
25.10.2019	02:15:00	6.154,48	5.763,92	10.794,72
25.10.2019	02:30:00	6.135,03	5.695,47	10.629,28
25.10.2019	02:45:00	6.185,36	5.707,82	10.623,20
25.10.2019	03:00:00	6.215,06	5.734,76	10.727,33
25.10.2019	03:15:00	6.188,48	5.714,29	10.634,04
25.10.2019	03:30:00	6.143,82	5.669,22	10.549,95
25.10.2019	03:45:00	6.172,14	5.696,83	10.588,14
25.10.2019	04:00:00	6.274,95	5.801,03	10.814,44
25.10.2019	04:15:00	6.341,47	5.870,06	10.999,06
25.10.2019	04:30:00	6.591,58	6.153,18	11.430,89
25.10.2019	04:45:00	6.657,18	6.252,81	11.677,11
25.10.2019	05:00:00	6.921,25	6.573,03	12.115,33
25.10.2019	05:15:00	7.120,97	6.710,87	12.597,73
25.10.2019	05:30:00	7.299,58	6.894,13	13.110,09
25.10.2019	05:45:00	7.797,94	7.370,03	13.788,81

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25.10.2019	06:00:00	8.206,13	7.653,80	14.577,62
25.10.2019	06:15:00	8.877,33	8.350,12	16.806,11
25.10.2019	06:30:00	9.332,37	8.814,25	18.087,63
25.10.2019	06:45:00	9.747,88	9.240,12	19.129,01
25.10.2019	07:00:00	10.175,89	9.689,81	20.176,88
25.10.2019	07:15:00	10.675,12	10.182,91	21.133,85
25.10.2019	07:30:00	11.336,39	10.850,92	22.560,60
25.10.2019	07:45:00	11.413,69	10.946,88	22.913,67
25.10.2019	08:00:00	11.313,09	10.844,59	23.337,83
25.10.2019	08:15:00	11.318,88	10.869,36	23.237,14
25.10.2019	08:30:00	11.312,66	10.840,25	23.323,56
25.10.2019	08:45:00	11.256,52	10.623,13	23.199,46
25.10.2019	09:00:00	11.379,25	10.624,78	23.283,00
25.10.2019	09:15:00	11.528,33	10.509,11	22.299,98
25.10.2019	09:30:00	11.149,40	9.988,46	21.867,23
25.10.2019	09:45:00	11.021,03	9.395,08	21.698,39
25.10.2019	10:00:00	11.002,45	8.976,00	21.385,05
25.10.2019	10:15:00	11.033,15	8.542,48	20.740,12
25.10.2019	10:30:00	11.113,98	8.217,50	20.615,63
25.10.2019	10:45:00	11.346,57	8.973,35	21.529,84
25.10.2019	11:00:00	11.385,10	8.972,81	21.301,45
25.10.2019	11:15:00	11.835,93	8.990,49	21.299,99
25.10.2019	11:30:00	12.221,25	9.718,53	21.856,54
25.10.2019	11:45:00	11.935,80	8.661,10	20.830,46
25.10.2019	12:00:00	12.178,80	8.531,18	20.352,18
25.10.2019	12:15:00	12.497,58	8.222,81	19.241,54
25.10.2019	12:30:00	12.508,66	7.922,16	18.466,34
25.10.2019	12:45:00	12.157,55	7.646,60	18.356,25
25.10.2019	13:00:00	12.031,25	7.404,87	18.043,52
25.10.2019	13:15:00	11.476,23	6.939,51	17.437,33
25.10.2019	13:30:00	11.549,91	6.614,99	17.138,47
25.10.2019	13:45:00	12.616,71	7.536,14	17.942,22
25.10.2019	14:00:00	12.181,12	7.886,34	18.355,69
25.10.2019	14:15:00	11.886,29	7.864,96	18.439,19
25.10.2019	14:30:00	11.514,99	8.414,53	18.817,93
25.10.2019	14:45:00	11.249,06	7.714,88	17.997,06
25.10.2019	15:00:00	11.366,42	7.323,80	17.330,68
25.10.2019	15:15:00	11.345,08	7.320,29	17.090,17
25.10.2019	15:30:00	11.473,49	7.327,82	16.718,63
25.10.2019	15:45:00	11.490,01	7.583,65	16.814,18
25.10.2019	16:00:00	11.623,30	8.142,82	17.119,39
25.10.2019	16:15:00	11.443,69	8.503,34	17.210,38
25.10.2019	16:30:00	10.948,82	8.921,78	17.682,14
25.10.2019	16:45:00	10.521,97	9.165,15	17.891,44
25.10.2019	17:00:00	10.766,38	9.807,60	18.364,71
25.10.2019	17:15:00	11.074,38	10.306,42	18.818,22
25.10.2019	17:30:00	11.380,27	10.814,75	19.425,34
25.10.2019	17:45:00	11.758,33	11.281,84	19.833,12
25.10.2019	18:00:00	11.990,29	11.621,87	20.140,37
25.10.2019	18:15:00	12.412,61	12.167,04	20.543,04
25.10.2019	18:30:00	12.753,26	12.550,60	20.763,44
25.10.2019	18:45:00	13.378,64	13.176,14	21.234,94
25.10.2019	19:00:00	13.777,59	13.568,03	21.451,51
25.10.2019	19:15:00	13.909,73	13.609,02	21.253,66
25.10.2019	19:30:00	13.904,99	13.581,05	21.206,32
25.10.2019	19:45:00	13.610,64	13.279,14	20.761,60
25.10.2019	20:00:00	13.372,70	12.899,86	20.231,74
25.10.2019	20:15:00	13.067,61	12.526,44	19.622,34
25.10.2019	20:30:00	12.574,52	12.018,45	18.733,82
25.10.2019	20:45:00	12.340,30	11.782,84	18.439,29
25.10.2019	21:00:00	11.973,01	11.400,25	17.828,97
25.10.2019	21:15:00	11.968,32	11.392,01	17.646,36
25.10.2019	21:30:00	12.475,05	11.891,74	18.217,65
25.10.2019	21:45:00	12.027,02	11.438,13	17.774,47
25.10.2019	22:00:00	11.647,59	11.103,89	17.287,57
25.10.2019	22:15:00	11.609,04	11.190,43	17.051,37
25.10.2019	22:30:00	11.347,26	10.929,83	16.378,93
25.10.2019	22:45:00	11.361,09	10.937,25	15.939,64
25.10.2019	23:00:00	11.137,93	10.712,73	15.601,03
25.10.2019	23:15:00	10.638,70	10.207,35	15.024,93
25.10.2019	23:30:00	10.176,37	9.740,21	14.547,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.10.2019	23:45:00	9.477,69	9.031,18	13.686,38
26.10.2019	00:00:00	8.951,32	8.498,27	13.046,11
26.10.2019	00:15:00	8.470,13	8.009,34	12.525,81
26.10.2019	00:30:00	8.081,91	7.617,30	12.043,63
26.10.2019	00:45:00	7.657,28	7.181,73	11.633,47
26.10.2019	01:00:00	7.386,47	6.880,26	11.216,99
26.10.2019	01:15:00	7.204,63	6.732,12	11.012,62
26.10.2019	01:30:00	7.086,30	6.613,79	10.887,62
26.10.2019	01:45:00	7.000,45	6.551,67	10.832,26
26.10.2019	02:00:00	6.856,24	6.615,45	10.741,06
26.10.2019	02:15:00	6.847,62	6.567,43	10.686,88
26.10.2019	02:30:00	6.935,28	6.662,50	10.749,94
26.10.2019	02:45:00	6.811,26	6.542,53	10.553,23
26.10.2019	03:00:00	6.836,90	6.532,55	10.568,93
26.10.2019	03:15:00	6.775,00	6.513,50	10.585,77
26.10.2019	03:30:00	6.815,09	6.554,31	10.570,83
26.10.2019	03:45:00	6.984,16	6.734,59	10.772,35
26.10.2019	04:00:00	7.113,42	6.948,92	11.070,18
26.10.2019	04:15:00	7.210,33	7.045,74	10.971,58
26.10.2019	04:30:00	7.314,51	7.148,91	11.097,63
26.10.2019	04:45:00	7.248,50	7.065,27	10.995,96
26.10.2019	05:00:00	7.391,79	7.181,70	11.099,52
26.10.2019	05:15:00	7.521,27	7.248,83	11.506,09
26.10.2019	05:30:00	7.307,36	6.881,98	11.327,76
26.10.2019	05:45:00	7.470,04	7.009,61	11.425,78
26.10.2019	06:00:00	7.801,29	7.306,62	11.867,80
26.10.2019	06:15:00	7.963,87	7.533,68	12.299,90
26.10.2019	06:30:00	8.257,12	7.805,84	12.761,84
26.10.2019	06:45:00	8.073,72	7.638,63	12.583,70
26.10.2019	07:00:00	8.080,10	7.633,94	12.785,01
26.10.2019	07:15:00	8.557,35	8.122,40	13.514,06
26.10.2019	07:30:00	8.998,41	8.603,39	13.904,48
26.10.2019	07:45:00	9.333,44	8.913,22	14.370,40
26.10.2019	08:00:00	9.312,94	8.925,60	14.508,28
26.10.2019	08:15:00	9.704,04	9.259,99	14.757,29
26.10.2019	08:30:00	9.801,04	9.296,65	14.854,44
26.10.2019	08:45:00	10.223,16	9.609,24	15.173,90
26.10.2019	09:00:00	10.384,69	9.676,81	15.220,85
26.10.2019	09:15:00	10.584,59	9.619,07	15.206,49
26.10.2019	09:30:00	10.938,58	9.630,96	15.301,31
26.10.2019	09:45:00	10.843,59	9.497,58	15.045,13
26.10.2019	10:00:00	10.680,60	9.203,43	14.456,35
26.10.2019	10:15:00	11.068,21	8.938,81	14.235,78
26.10.2019	10:30:00	10.959,69	8.626,87	13.909,37
26.10.2019	10:45:00	11.196,87	8.276,92	13.582,27
26.10.2019	11:00:00	11.482,55	8.222,95	13.572,46
26.10.2019	11:15:00	11.626,77	8.006,20	13.251,63
26.10.2019	11:30:00	11.645,74	7.816,34	13.000,93
26.10.2019	11:45:00	11.782,49	7.756,38	12.886,50
26.10.2019	12:00:00	11.892,99	7.668,46	12.790,76
26.10.2019	12:15:00	12.030,84	7.628,96	12.643,05
26.10.2019	12:30:00	12.341,92	7.811,13	12.588,79
26.10.2019	12:45:00	12.152,81	7.525,42	12.302,10
26.10.2019	13:00:00	11.986,76	7.280,61	12.057,18
26.10.2019	13:15:00	11.856,49	7.050,11	11.725,61
26.10.2019	13:30:00	11.761,26	6.928,96	11.575,68
26.10.2019	13:45:00	11.649,44	6.747,82	11.402,48
26.10.2019	14:00:00	11.604,11	6.632,05	11.241,44
26.10.2019	14:15:00	11.338,99	6.411,96	11.228,21
26.10.2019	14:30:00	11.265,94	6.407,10	11.290,28
26.10.2019	14:45:00	11.069,10	6.191,12	11.016,23
26.10.2019	15:00:00	10.900,11	6.129,24	11.009,92
26.10.2019	15:15:00	10.823,36	6.193,72	11.047,95
26.10.2019	15:30:00	11.010,26	6.518,07	11.387,82
26.10.2019	15:45:00	11.007,64	6.745,39	11.463,15
26.10.2019	16:00:00	10.984,33	7.207,34	11.868,70
26.10.2019	16:15:00	10.509,58	7.731,11	12.458,73
26.10.2019	16:30:00	9.913,35	7.732,07	12.483,73
26.10.2019	16:45:00	9.505,88	8.121,45	13.095,38
26.10.2019	17:00:00	9.684,51	8.592,43	13.678,50
26.10.2019	17:15:00	10.084,79	9.194,63	14.326,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.10.2019	17:30:00	10.449,39	9.828,19	14.965,30
26.10.2019	17:45:00	10.708,77	10.263,00	15.477,39
26.10.2019	18:00:00	10.918,02	10.566,99	15.791,14
26.10.2019	18:15:00	11.247,59	11.012,50	16.306,67
26.10.2019	18:30:00	11.732,58	11.552,93	16.753,22
26.10.2019	18:45:00	12.735,63	12.551,80	17.749,16
26.10.2019	19:00:00	12.933,80	12.740,59	17.962,00
26.10.2019	19:15:00	13.075,62	12.835,97	18.039,81
26.10.2019	19:30:00	13.025,58	12.626,41	17.777,53
26.10.2019	19:45:00	12.835,87	12.377,98	17.404,69
26.10.2019	20:00:00	12.624,70	12.161,27	16.976,74
26.10.2019	20:15:00	12.184,04	11.723,80	16.480,70
26.10.2019	20:30:00	11.954,16	11.502,08	16.245,38
26.10.2019	20:45:00	11.734,11	11.319,90	16.059,30
26.10.2019	21:00:00	11.399,19	10.964,97	15.756,96
26.10.2019	21:15:00	11.245,75	10.827,88	15.472,31
26.10.2019	21:30:00	11.425,54	11.006,50	15.652,98
26.10.2019	21:45:00	11.002,69	10.589,76	15.135,05
26.10.2019	22:00:00	10.650,81	10.264,43	14.490,35
26.10.2019	22:15:00	10.723,96	10.309,16	14.450,18
26.10.2019	22:30:00	10.547,45	10.162,73	14.313,94
26.10.2019	22:45:00	10.628,46	10.406,55	14.339,23
26.10.2019	23:00:00	10.730,17	10.506,25	14.384,61
26.10.2019	23:15:00	10.272,75	10.018,90	13.830,89
26.10.2019	23:30:00	9.677,45	9.451,10	13.219,37
26.10.2019	23:45:00	9.198,93	8.985,69	12.818,46
27.10.2019	00:00:00	8.787,61	8.570,24	12.399,89
27.10.2019	00:15:00	8.234,62	8.023,39	11.704,57
27.10.2019	00:30:00	7.816,22	7.650,56	11.280,20
27.10.2019	00:45:00	7.547,14	7.341,16	10.988,59
27.10.2019	01:00:00	7.286,81	7.050,12	10.699,03
27.10.2019	01:15:00	7.014,59	6.722,19	10.375,49
27.10.2019	01:30:00	6.840,40	6.350,43	9.997,33
27.10.2019	01:45:00	6.662,23	6.184,24	9.790,82
27.10.2019	02:00:00	6.502,58	6.032,71	9.599,19
27.10.2019	02:15:00	6.524,98	5.916,21	9.446,26
27.10.2019	02:30:00	6.557,54	5.939,62	9.483,31
27.10.2019	02:45:00	6.530,95	5.945,33	9.496,86
27.10.2019	03:00:00	6.514,86	5.920,99	9.543,91
27.10.2019	02:15:00	6.668,66	6.079,83	9.533,26
27.10.2019	02:30:00	6.521,24	5.878,11	9.334,82
27.10.2019	02:45:00	6.573,29	5.936,13	9.488,60
27.10.2019	03:00:00	6.526,38	6.048,78	9.601,40
27.10.2019	03:15:00	6.608,91	6.201,35	9.713,84
27.10.2019	03:30:00	6.510,54	6.118,06	9.629,05
27.10.2019	03:45:00	6.474,33	6.194,42	9.629,65
27.10.2019	04:00:00	6.597,37	6.341,74	9.805,10
27.10.2019	04:15:00	6.791,12	6.503,67	10.004,00
27.10.2019	04:30:00	6.871,40	6.582,87	10.106,73
27.10.2019	04:45:00	6.773,22	6.334,36	9.722,88
27.10.2019	05:00:00	6.787,45	6.325,29	9.698,66
27.10.2019	05:15:00	6.916,78	6.485,77	9.929,34
27.10.2019	05:30:00	6.769,87	6.382,99	9.816,99
27.10.2019	05:45:00	6.807,66	6.418,14	9.861,42
27.10.2019	06:00:00	6.844,19	6.420,35	9.909,77
27.10.2019	06:15:00	6.945,15	6.544,41	9.960,78
27.10.2019	06:30:00	7.088,60	6.690,49	10.155,41
27.10.2019	06:45:00	7.144,56	6.737,37	10.255,03
27.10.2019	07:00:00	6.992,85	6.546,23	10.090,93
27.10.2019	07:15:00	7.494,78	7.053,32	10.580,24
27.10.2019	07:30:00	7.663,89	7.142,90	10.674,43
27.10.2019	07:45:00	7.929,78	7.269,33	10.837,49
27.10.2019	08:00:00	8.189,99	7.343,32	10.949,45
27.10.2019	08:15:00	8.698,63	7.753,21	11.276,33
27.10.2019	08:30:00	8.698,16	7.297,31	10.880,24
27.10.2019	08:45:00	8.855,50	6.902,42	10.476,35
27.10.2019	09:00:00	9.079,44	6.707,94	10.290,07
27.10.2019	09:15:00	9.580,03	7.491,30	11.034,97
27.10.2019	09:30:00	10.014,80	8.482,60	12.118,88
27.10.2019	09:45:00	10.330,21	8.570,68	12.149,09
27.10.2019	10:00:00	10.507,13	8.402,49	12.035,36

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.10.2019	10:15:00	10.717,86	8.754,25	12.479,54
27.10.2019	10:30:00	11.015,10	8.726,56	12.496,43
27.10.2019	10:45:00	11.133,24	8.710,38	12.441,82
27.10.2019	11:00:00	11.254,26	8.165,88	11.879,98
27.10.2019	11:15:00	11.375,64	7.989,23	11.660,96
27.10.2019	11:30:00	11.477,15	7.508,70	11.267,08
27.10.2019	11:45:00	11.797,62	7.786,50	11.531,69
27.10.2019	12:00:00	11.653,67	6.982,92	10.625,94
27.10.2019	12:15:00	11.571,29	6.915,35	10.696,25
27.10.2019	12:30:00	11.594,05	6.981,73	10.921,92
27.10.2019	12:45:00	11.349,01	6.717,66	10.725,49
27.10.2019	13:00:00	11.125,79	6.929,24	10.838,49
27.10.2019	13:15:00	10.897,88	7.016,91	10.973,79
27.10.2019	13:30:00	11.135,86	8.139,49	12.100,03
27.10.2019	13:45:00	10.672,05	8.002,52	12.058,22
27.10.2019	14:00:00	10.494,77	8.171,73	12.333,80
27.10.2019	14:15:00	10.210,95	8.591,46	12.721,99
27.10.2019	14:30:00	9.925,69	8.471,23	12.908,43
27.10.2019	14:45:00	9.842,63	8.446,59	12.921,24
27.10.2019	15:00:00	9.768,67	8.648,07	13.040,72
27.10.2019	15:15:00	9.744,27	9.057,53	13.456,20
27.10.2019	15:30:00	9.743,32	9.283,91	13.709,67
27.10.2019	15:45:00	9.768,66	9.493,94	14.090,35
27.10.2019	16:00:00	9.886,17	9.608,61	14.255,32
27.10.2019	16:15:00	10.013,83	9.746,83	14.324,72
27.10.2019	16:30:00	10.284,65	10.090,97	14.598,99
27.10.2019	16:45:00	10.513,71	10.383,59	14.915,52
27.10.2019	17:00:00	10.848,12	10.752,14	15.377,55
27.10.2019	17:15:00	11.287,19	11.028,35	15.789,84
27.10.2019	17:30:00	12.234,46	11.989,78	16.849,41
27.10.2019	17:45:00	12.965,64	12.716,49	17.634,80
27.10.2019	18:00:00	13.186,12	12.904,82	17.833,58
27.10.2019	18:15:00	13.109,19	12.826,04	17.558,38
27.10.2019	18:30:00	13.003,13	12.708,59	17.357,38
27.10.2019	18:45:00	12.759,52	12.472,12	17.065,26
27.10.2019	19:00:00	12.674,27	12.388,17	16.861,33
27.10.2019	19:15:00	12.606,77	12.305,27	16.934,21
27.10.2019	19:30:00	12.424,66	12.187,90	16.754,71
27.10.2019	19:45:00	12.270,05	12.180,39	16.663,72
27.10.2019	20:00:00	11.908,54	11.796,51	15.913,90
27.10.2019	20:15:00	11.844,34	11.734,04	15.775,80
27.10.2019	20:30:00	11.680,72	11.561,07	15.574,45
27.10.2019	20:45:00	11.480,68	11.353,14	15.318,34
27.10.2019	21:00:00	11.068,28	10.949,04	15.000,25
27.10.2019	21:15:00	10.918,71	10.803,06	14.912,45
27.10.2019	21:30:00	10.982,14	10.742,03	14.899,02
27.10.2019	21:45:00	10.516,36	10.185,60	14.259,93
27.10.2019	22:00:00	10.183,24	9.859,41	13.937,80
27.10.2019	22:15:00	9.949,27	9.626,00	13.812,54
27.10.2019	22:30:00	9.708,18	9.371,17	13.635,96
27.10.2019	22:45:00	9.756,52	9.415,73	13.585,46
27.10.2019	23:00:00	9.726,32	9.379,69	13.423,35
27.10.2019	23:15:00	9.093,30	8.773,12	12.797,74
27.10.2019	23:30:00	8.730,85	8.364,97	12.399,02
27.10.2019	23:45:00	8.291,97	7.989,37	12.074,29
28.10.2019	00:00:00	8.062,80	7.780,68	11.876,75
28.10.2019	00:15:00	7.544,25	7.220,42	11.234,53
28.10.2019	00:30:00	7.098,49	6.761,02	10.788,53
28.10.2019	00:45:00	6.968,20	6.637,07	10.706,05
28.10.2019	01:00:00	6.785,93	6.460,51	10.581,88
28.10.2019	01:15:00	6.561,91	6.226,83	10.320,34
28.10.2019	01:30:00	6.461,90	6.171,14	10.352,36
28.10.2019	01:45:00	6.418,17	6.080,89	10.188,37
28.10.2019	02:00:00	6.314,72	5.877,03	9.892,05
28.10.2019	02:15:00	6.304,42	5.912,12	9.877,88
28.10.2019	02:30:00	6.250,40	5.858,49	9.777,22
28.10.2019	02:45:00	6.274,71	5.886,00	9.915,00
28.10.2019	03:00:00	6.351,48	5.920,45	9.930,76
28.10.2019	03:15:00	6.263,74	5.817,75	9.840,50
28.10.2019	03:30:00	6.464,11	6.027,37	10.172,49
28.10.2019	03:45:00	6.484,54	6.048,23	10.260,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.10.2019	04:00:00	6.576,00	6.141,73	10.362,12
28.10.2019	04:15:00	6.835,37	6.399,05	10.694,72
28.10.2019	04:30:00	6.969,37	6.537,56	10.790,59
28.10.2019	04:45:00	7.082,78	6.657,21	10.886,20
28.10.2019	05:00:00	7.347,56	6.933,12	11.378,83
28.10.2019	05:15:00	7.895,56	7.509,15	12.803,26
28.10.2019	05:30:00	7.891,25	7.479,38	13.137,20
28.10.2019	05:45:00	8.399,87	7.926,12	14.283,15
28.10.2019	06:00:00	8.617,76	8.134,78	15.257,48
28.10.2019	06:15:00	8.775,18	8.311,15	16.346,18
28.10.2019	06:30:00	9.004,52	8.559,60	17.361,39
28.10.2019	06:45:00	9.252,40	8.818,16	18.361,93
28.10.2019	07:00:00	9.832,05	9.418,46	19.646,51
28.10.2019	07:15:00	10.064,91	9.647,71	20.303,10
28.10.2019	07:30:00	10.277,16	9.884,84	20.932,48
28.10.2019	07:45:00	10.383,73	9.907,16	21.102,11
28.10.2019	08:00:00	10.713,99	10.207,74	21.712,92
28.10.2019	08:15:00	10.935,11	10.413,79	22.268,53
28.10.2019	08:30:00	11.076,25	10.533,22	22.446,50
28.10.2019	08:45:00	11.264,25	10.701,95	22.784,66
28.10.2019	09:00:00	11.715,13	11.208,51	23.108,26
28.10.2019	09:15:00	12.260,84	11.747,38	23.221,85
28.10.2019	09:30:00	12.269,70	11.656,67	23.259,81
28.10.2019	09:45:00	12.369,56	11.760,46	23.786,21
28.10.2019	10:00:00	12.338,46	11.641,35	23.662,51
28.10.2019	10:15:00	12.390,44	11.606,01	23.580,81
28.10.2019	10:30:00	12.643,28	11.878,65	23.939,85
28.10.2019	10:45:00	12.634,04	11.715,25	23.868,95
28.10.2019	11:00:00	12.381,80	11.499,65	23.759,17
28.10.2019	11:15:00	12.731,82	11.671,18	24.006,87
28.10.2019	11:30:00	13.055,62	12.129,69	24.419,50
28.10.2019	11:45:00	13.411,94	12.533,37	24.796,33
28.10.2019	12:00:00	13.485,12	12.615,61	24.910,88
28.10.2019	12:15:00	13.914,15	13.008,74	24.421,43
28.10.2019	12:30:00	13.890,67	12.910,60	23.783,56
28.10.2019	12:45:00	13.336,92	12.309,02	23.445,85
28.10.2019	13:00:00	12.991,02	11.930,03	23.682,24
28.10.2019	13:15:00	12.860,53	11.927,89	23.922,98
28.10.2019	13:30:00	12.794,15	11.924,12	23.829,77
28.10.2019	13:45:00	12.492,72	11.528,04	23.382,24
28.10.2019	14:00:00	12.365,87	11.193,78	22.867,42
28.10.2019	14:15:00	12.254,90	11.264,15	23.079,03
28.10.2019	14:30:00	12.380,52	11.538,97	23.309,62
28.10.2019	14:45:00	12.135,02	11.069,44	22.876,11
28.10.2019	15:00:00	12.034,83	11.198,28	22.879,55
28.10.2019	15:15:00	12.135,00	11.436,45	22.624,71
28.10.2019	15:30:00	12.253,34	11.425,44	22.380,58
28.10.2019	15:45:00	12.058,77	11.381,19	22.034,51
28.10.2019	16:00:00	12.167,62	11.610,45	21.723,94
28.10.2019	16:15:00	12.297,57	11.913,44	21.476,88
28.10.2019	16:30:00	12.513,44	12.158,81	21.530,11
28.10.2019	16:45:00	12.757,09	12.473,31	21.657,15
28.10.2019	17:00:00	13.038,88	12.799,03	21.781,70
28.10.2019	17:15:00	13.491,78	13.248,47	22.175,82
28.10.2019	17:30:00	14.298,56	14.018,90	22.901,58
28.10.2019	17:45:00	14.751,85	14.467,26	23.187,76
28.10.2019	18:00:00	15.176,20	14.935,45	23.474,86
28.10.2019	18:15:00	15.044,78	14.788,28	23.073,45
28.10.2019	18:30:00	15.103,46	14.817,16	22.863,45
28.10.2019	18:45:00	14.761,50	14.488,05	22.600,56
28.10.2019	19:00:00	14.526,91	14.212,05	22.258,59
28.10.2019	19:15:00	14.547,05	14.172,47	22.169,37
28.10.2019	19:30:00	14.280,88	13.854,57	21.629,24
28.10.2019	19:45:00	13.993,23	13.577,92	21.348,02
28.10.2019	20:00:00	13.806,54	13.405,45	20.971,76
28.10.2019	20:15:00	13.513,78	13.071,49	20.605,55
28.10.2019	20:30:00	13.252,33	12.769,56	19.991,25
28.10.2019	20:45:00	12.939,42	12.473,09	19.652,06
28.10.2019	21:00:00	12.555,74	12.109,17	19.164,74
28.10.2019	21:15:00	12.427,87	11.961,43	18.911,62
28.10.2019	21:30:00	12.893,80	12.401,33	19.288,45

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.10.2019	21:45:00	12.318,50	11.847,43	18.461,64
28.10.2019	22:00:00	11.712,53	11.256,49	17.526,56
28.10.2019	22:15:00	11.420,04	10.950,48	16.874,47
28.10.2019	22:30:00	11.174,75	10.663,06	16.528,85
28.10.2019	22:45:00	11.362,49	10.878,98	16.623,05
28.10.2019	23:00:00	11.067,75	10.602,81	16.149,06
28.10.2019	23:15:00	10.378,58	9.984,67	15.277,09
28.10.2019	23:30:00	9.742,83	9.330,59	14.359,53
28.10.2019	23:45:00	9.254,49	8.868,41	13.778,18
29.10.2019	00:00:00	8.768,07	8.396,32	13.275,91
29.10.2019	00:15:00	8.248,88	7.876,35	12.690,38
29.10.2019	00:30:00	7.989,94	7.575,77	12.496,80
29.10.2019	00:45:00	7.605,10	7.184,03	12.034,24
29.10.2019	01:00:00	7.417,04	7.033,09	11.946,96
29.10.2019	01:15:00	7.304,71	6.925,71	11.796,50
29.10.2019	01:30:00	7.122,50	6.728,22	11.592,74
29.10.2019	01:45:00	7.123,78	6.699,08	11.521,95
29.10.2019	02:00:00	7.171,31	6.777,12	11.522,38
29.10.2019	02:15:00	7.139,68	6.764,99	11.592,11
29.10.2019	02:30:00	7.195,94	6.822,40	11.578,49
29.10.2019	02:45:00	7.183,98	6.762,10	11.371,94
29.10.2019	03:00:00	7.140,79	6.703,30	11.438,80
29.10.2019	03:15:00	7.255,13	6.856,74	11.454,06
29.10.2019	03:30:00	7.210,16	6.857,40	11.564,19
29.10.2019	03:45:00	7.252,65	7.058,30	11.817,80
29.10.2019	04:00:00	7.407,82	7.177,38	11.849,66
29.10.2019	04:15:00	7.560,39	7.250,12	11.956,77
29.10.2019	04:30:00	7.610,77	7.307,17	12.216,52
29.10.2019	04:45:00	7.755,38	7.470,15	12.479,98
29.10.2019	05:00:00	7.909,96	7.597,27	12.823,36
29.10.2019	05:15:00	8.315,75	7.824,69	13.759,30
29.10.2019	05:30:00	8.238,12	7.751,25	13.970,58
29.10.2019	05:45:00	8.688,49	8.212,68	14.717,44
29.10.2019	06:00:00	8.973,18	8.494,70	15.437,03
29.10.2019	06:15:00	9.159,00	8.687,53	16.899,40
29.10.2019	06:30:00	9.438,32	8.991,75	17.933,95
29.10.2019	06:45:00	9.527,63	9.092,70	18.564,44
29.10.2019	07:00:00	9.708,65	9.292,10	19.463,66
29.10.2019	07:15:00	9.860,83	9.459,80	20.353,45
29.10.2019	07:30:00	10.193,01	9.792,11	21.042,00
29.10.2019	07:45:00	10.618,55	10.227,61	21.927,26
29.10.2019	08:00:00	10.994,61	10.587,32	22.312,64
29.10.2019	08:15:00	10.941,25	10.490,10	22.746,90
29.10.2019	08:30:00	11.348,49	10.771,45	22.767,67
29.10.2019	08:45:00	11.518,05	11.015,39	23.073,74
29.10.2019	09:00:00	11.757,18	11.123,16	23.269,20
29.10.2019	09:15:00	12.437,82	11.744,95	23.379,77
29.10.2019	09:30:00	12.404,93	11.394,98	22.926,04
29.10.2019	09:45:00	12.209,30	11.335,75	23.419,36
29.10.2019	10:00:00	12.755,19	11.888,12	24.232,69
29.10.2019	10:15:00	12.743,85	11.961,07	24.349,79
29.10.2019	10:30:00	12.821,89	11.916,28	24.163,16
29.10.2019	10:45:00	12.731,82	11.746,70	24.189,78
29.10.2019	11:00:00	12.985,08	12.016,01	24.426,94
29.10.2019	11:15:00	13.137,39	12.109,59	24.544,32
29.10.2019	11:30:00	13.243,53	12.311,94	24.858,42
29.10.2019	11:45:00	13.503,78	12.459,69	24.885,84
29.10.2019	12:00:00	13.707,40	12.650,03	25.013,36
29.10.2019	12:15:00	13.882,94	13.147,66	24.903,26
29.10.2019	12:30:00	14.028,97	13.377,83	24.672,22
29.10.2019	12:45:00	13.586,30	12.748,35	24.112,96
29.10.2019	13:00:00	13.281,13	12.377,66	24.238,65
29.10.2019	13:15:00	13.160,63	12.214,38	24.420,99
29.10.2019	13:30:00	12.943,14	12.126,96	24.377,54
29.10.2019	13:45:00	12.764,38	11.999,40	24.406,16
29.10.2019	14:00:00	12.564,43	11.799,67	23.839,17
29.10.2019	14:15:00	12.323,09	11.592,68	23.546,04
29.10.2019	14:30:00	12.313,90	11.220,86	22.759,83
29.10.2019	14:45:00	12.323,27	11.198,46	22.741,92
29.10.2019	15:00:00	12.318,86	11.274,94	22.677,85
29.10.2019	15:15:00	12.158,43	11.259,08	22.328,69

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.10.2019	15:30:00	11.994,72	11.118,71	21.927,20
29.10.2019	15:45:00	11.979,50	11.247,39	21.666,66
29.10.2019	16:00:00	12.253,65	11.631,59	21.834,82
29.10.2019	16:15:00	12.578,12	12.046,36	22.021,94
29.10.2019	16:30:00	12.783,37	12.349,95	22.023,17
29.10.2019	16:45:00	13.151,18	12.716,51	22.100,04
29.10.2019	17:00:00	13.461,78	13.054,01	22.342,80
29.10.2019	17:15:00	14.047,29	13.629,24	22.730,88
29.10.2019	17:30:00	14.644,10	14.198,69	23.143,36
29.10.2019	17:45:00	15.185,61	14.718,18	23.458,60
29.10.2019	18:00:00	15.406,29	14.977,07	23.529,12
29.10.2019	18:15:00	15.339,26	14.894,14	23.172,50
29.10.2019	18:30:00	15.077,25	14.607,03	22.759,25
29.10.2019	18:45:00	14.879,73	14.435,19	22.572,30
29.10.2019	19:00:00	14.699,47	14.263,58	22.298,91
29.10.2019	19:15:00	14.616,05	14.204,34	22.092,15
29.10.2019	19:30:00	14.552,68	14.160,83	22.027,93
29.10.2019	19:45:00	14.184,43	13.797,68	21.369,70
29.10.2019	20:00:00	13.888,74	13.514,57	20.988,36
29.10.2019	20:15:00	13.530,15	13.086,18	20.279,23
29.10.2019	20:30:00	13.282,67	12.848,12	19.915,60
29.10.2019	20:45:00	13.187,86	12.779,94	19.741,20
29.10.2019	21:00:00	12.830,14	12.383,51	19.249,21
29.10.2019	21:15:00	12.568,46	12.098,10	18.814,95
29.10.2019	21:30:00	13.299,82	12.871,00	19.469,95
29.10.2019	21:45:00	12.855,15	12.426,41	18.852,14
29.10.2019	22:00:00	12.404,84	11.925,83	18.059,77
29.10.2019	22:15:00	12.035,44	11.592,24	17.554,41
29.10.2019	22:30:00	11.670,45	11.234,42	17.002,06
29.10.2019	22:45:00	11.720,54	11.230,62	16.669,77
29.10.2019	23:00:00	11.560,06	10.957,68	16.311,34
29.10.2019	23:15:00	10.865,88	10.307,09	15.461,30
29.10.2019	23:30:00	10.323,83	9.760,68	14.778,18
29.10.2019	23:45:00	9.812,74	9.202,15	14.127,30
30.10.2019	00:00:00	9.185,16	8.587,03	13.359,51
30.10.2019	00:15:00	8.781,11	8.209,29	12.953,19
30.10.2019	00:30:00	8.471,79	7.895,99	12.649,86
30.10.2019	00:45:00	8.133,57	7.509,32	12.274,88
30.10.2019	01:00:00	7.645,80	7.045,19	11.817,62
30.10.2019	01:15:00	7.550,15	6.968,54	11.626,42
30.10.2019	01:30:00	7.469,54	6.879,45	11.602,25
30.10.2019	01:45:00	7.336,48	6.707,20	11.359,66
30.10.2019	02:00:00	7.345,63	6.852,84	11.582,38
30.10.2019	02:15:00	7.362,38	7.097,47	11.795,62
30.10.2019	02:30:00	7.374,91	7.098,00	11.774,81
30.10.2019	02:45:00	7.477,68	7.161,20	11.871,07
30.10.2019	03:00:00	7.587,42	7.295,61	12.007,95
30.10.2019	03:15:00	7.588,01	7.322,00	11.853,77
30.10.2019	03:30:00	7.518,84	7.200,50	11.801,97
30.10.2019	03:45:00	7.638,44	7.116,92	11.761,67
30.10.2019	04:00:00	7.731,43	7.234,25	11.914,67
30.10.2019	04:15:00	7.921,00	7.451,63	12.163,97
30.10.2019	04:30:00	7.983,96	7.513,47	12.366,84
30.10.2019	04:45:00	8.133,13	7.620,70	12.598,44
30.10.2019	05:00:00	8.292,23	7.791,26	13.037,72
30.10.2019	05:15:00	8.573,24	8.033,41	13.855,32
30.10.2019	05:30:00	8.546,09	7.977,21	14.090,06
30.10.2019	05:45:00	8.868,98	8.312,96	14.706,32
30.10.2019	06:00:00	9.214,83	8.656,22	15.706,51
30.10.2019	06:15:00	9.532,22	8.991,43	17.269,71
30.10.2019	06:30:00	9.805,14	9.275,11	18.462,33
30.10.2019	06:45:00	9.816,03	9.299,21	18.850,98
30.10.2019	07:00:00	9.861,88	9.361,80	19.577,71
30.10.2019	07:15:00	10.028,80	9.521,36	20.260,82
30.10.2019	07:30:00	10.328,45	9.760,58	20.758,06
30.10.2019	07:45:00	10.376,00	9.759,73	21.138,50
30.10.2019	08:00:00	10.612,75	9.946,39	21.681,46
30.10.2019	08:15:00	10.732,29	9.892,06	21.963,62
30.10.2019	08:30:00	11.078,64	10.032,35	21.943,20
30.10.2019	08:45:00	11.152,69	9.904,80	22.025,54
30.10.2019	09:00:00	11.175,90	9.437,03	21.374,31

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.10.2019	09:15:00	12.001,08	10.323,46	21.823,70
30.10.2019	09:30:00	11.924,02	9.947,30	21.314,27
30.10.2019	09:45:00	11.839,20	9.826,35	21.572,00
30.10.2019	10:00:00	12.037,62	10.054,42	21.779,78
30.10.2019	10:15:00	12.003,78	10.110,09	21.719,43
30.10.2019	10:30:00	11.996,48	10.154,74	21.954,72
30.10.2019	10:45:00	11.626,33	9.417,34	21.259,82
30.10.2019	11:00:00	11.438,97	8.932,47	20.545,43
30.10.2019	11:15:00	12.926,64	9.302,29	20.892,73
30.10.2019	11:30:00	12.626,83	8.876,69	20.500,34
30.10.2019	11:45:00	12.079,08	9.342,29	20.868,17
30.10.2019	12:00:00	12.821,15	10.169,27	21.630,74
30.10.2019	12:15:00	12.936,55	10.946,89	22.230,84
30.10.2019	12:30:00	13.440,22	11.956,64	22.822,65
30.10.2019	12:45:00	12.842,76	11.612,02	22.648,11
30.10.2019	13:00:00	12.731,01	11.439,75	22.707,31
30.10.2019	13:15:00	12.392,49	11.056,14	22.443,20
30.10.2019	13:30:00	12.264,79	10.753,40	22.306,12
30.10.2019	13:45:00	12.138,94	10.747,85	22.307,07
30.10.2019	14:00:00	11.936,08	10.591,57	22.264,33
30.10.2019	14:15:00	12.004,59	10.796,25	22.438,93
30.10.2019	14:30:00	11.842,38	10.806,19	22.240,84
30.10.2019	14:45:00	12.046,72	11.122,35	22.364,72
30.10.2019	15:00:00	11.769,73	10.882,34	22.106,71
30.10.2019	15:15:00	12.048,72	11.114,58	21.988,79
30.10.2019	15:30:00	11.736,91	10.852,65	21.688,85
30.10.2019	15:45:00	11.961,40	11.149,35	21.781,88
30.10.2019	16:00:00	12.026,38	11.313,42	21.496,12
30.10.2019	16:15:00	12.300,11	11.682,82	21.358,26
30.10.2019	16:30:00	12.495,97	11.940,14	21.427,24
30.10.2019	16:45:00	12.816,94	12.221,36	21.392,93
30.10.2019	17:00:00	13.105,56	12.573,67	21.716,24
30.10.2019	17:15:00	13.619,46	13.129,69	22.022,15
30.10.2019	17:30:00	14.520,34	14.001,02	22.669,21
30.10.2019	17:45:00	14.861,36	14.364,54	22.927,14
30.10.2019	18:00:00	15.187,25	14.674,14	23.231,49
30.10.2019	18:15:00	15.453,68	14.935,59	22.992,15
30.10.2019	18:30:00	15.344,71	14.849,03	22.717,33
30.10.2019	18:45:00	14.986,40	14.443,89	22.239,22
30.10.2019	19:00:00	14.945,27	14.449,98	22.169,14
30.10.2019	19:15:00	14.909,54	14.405,12	22.109,03
30.10.2019	19:30:00	14.801,95	14.243,21	21.843,29
30.10.2019	19:45:00	14.374,68	13.844,99	21.300,38
30.10.2019	20:00:00	14.137,91	13.589,84	21.071,87
30.10.2019	20:15:00	13.919,61	13.320,61	20.460,28
30.10.2019	20:30:00	13.682,18	13.113,90	20.075,19
30.10.2019	20:45:00	13.370,48	12.787,32	19.721,75
30.10.2019	21:00:00	12.985,65	12.369,79	19.196,84
30.10.2019	21:15:00	12.820,66	12.292,16	18.828,38
30.10.2019	21:30:00	13.511,78	13.039,25	19.408,71
30.10.2019	21:45:00	13.047,46	12.532,72	18.849,53
30.10.2019	22:00:00	12.483,42	12.003,79	18.102,56
30.10.2019	22:15:00	12.232,16	11.759,63	17.535,25
30.10.2019	22:30:00	11.907,12	11.381,17	16.912,74
30.10.2019	22:45:00	11.953,98	11.445,80	16.680,66
30.10.2019	23:00:00	11.832,68	11.350,28	16.596,61
30.10.2019	23:15:00	11.099,26	10.575,56	15.797,50
30.10.2019	23:30:00	10.527,08	10.001,28	14.974,50
30.10.2019	23:45:00	9.981,28	9.478,59	14.407,94
31.10.2019	00:00:00	9.544,59	9.026,37	13.919,60
31.10.2019	00:15:00	8.927,58	8.369,40	13.118,06
31.10.2019	00:30:00	8.626,35	8.104,51	12.854,61
31.10.2019	00:45:00	8.280,18	7.764,11	12.464,55
31.10.2019	01:00:00	7.844,67	7.289,13	11.972,82
31.10.2019	01:15:00	7.619,46	7.064,60	11.773,48
31.10.2019	01:30:00	7.605,29	7.085,32	11.846,55
31.10.2019	01:45:00	7.566,81	7.040,17	11.648,02
31.10.2019	02:00:00	7.367,80	6.795,38	11.450,94
31.10.2019	02:15:00	7.570,21	7.020,76	11.638,50
31.10.2019	02:30:00	7.677,94	7.159,34	11.769,25
31.10.2019	02:45:00	7.783,16	7.176,05	11.937,62

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.10.2019	03:00:00	7.921,24	7.244,49	12.019,85
31.10.2019	03:15:00	7.882,38	7.210,69	11.852,85
31.10.2019	03:30:00	7.825,51	7.156,36	11.816,60
31.10.2019	03:45:00	7.998,22	7.329,85	11.966,91
31.10.2019	04:00:00	8.085,78	7.439,97	12.093,88
31.10.2019	04:15:00	8.334,47	7.701,32	12.350,13
31.10.2019	04:30:00	8.607,42	7.937,38	12.632,97
31.10.2019	04:45:00	8.712,04	8.043,61	12.995,04
31.10.2019	05:00:00	8.962,00	8.308,52	13.434,88
31.10.2019	05:15:00	9.176,39	8.552,21	14.332,30
31.10.2019	05:30:00	8.923,76	8.314,19	14.277,97
31.10.2019	05:45:00	9.193,82	8.590,24	14.850,88
31.10.2019	06:00:00	9.540,07	8.943,11	15.879,68
31.10.2019	06:15:00	9.845,70	9.263,72	17.365,72
31.10.2019	06:30:00	10.034,10	9.466,60	18.257,83
31.10.2019	06:45:00	9.964,12	9.399,79	18.578,90
31.10.2019	07:00:00	9.906,14	9.371,25	19.072,23
31.10.2019	07:15:00	10.177,84	9.704,57	19.904,30
31.10.2019	07:30:00	10.454,66	9.925,92	20.533,12
31.10.2019	07:45:00	10.418,86	9.795,08	20.662,79
31.10.2019	08:00:00	10.620,09	9.822,77	20.823,07
31.10.2019	08:15:00	10.546,69	9.572,30	20.852,29
31.10.2019	08:30:00	10.560,04	9.420,48	20.766,26
31.10.2019	08:45:00	10.522,18	9.084,26	20.771,13
31.10.2019	09:00:00	10.966,05	9.206,93	20.938,43
31.10.2019	09:15:00	11.589,89	9.533,49	20.788,77
31.10.2019	09:30:00	11.781,08	9.373,94	20.249,16
31.10.2019	09:45:00	11.572,46	8.817,03	20.178,96
31.10.2019	10:00:00	11.690,41	8.623,60	20.066,05
31.10.2019	10:15:00	11.651,94	8.354,17	19.639,35
31.10.2019	10:30:00	11.659,30	8.469,27	19.950,57
31.10.2019	10:45:00	11.359,01	8.598,67	20.145,03
31.10.2019	11:00:00	11.916,06	8.283,77	19.822,26
31.10.2019	11:15:00	12.201,26	8.285,90	19.672,58
31.10.2019	11:30:00	12.410,66	7.889,45	19.088,02
31.10.2019	11:45:00	12.399,76	7.612,64	18.876,09
31.10.2019	12:00:00	12.493,82	7.703,33	18.907,56
31.10.2019	12:15:00	13.155,37	8.186,68	18.579,73
31.10.2019	12:30:00	13.197,40	8.227,65	17.996,56
31.10.2019	12:45:00	12.632,28	7.617,51	17.590,65
31.10.2019	13:00:00	12.458,82	7.393,12	17.477,35
31.10.2019	13:15:00	12.128,80	7.165,76	17.338,44
31.10.2019	13:30:00	12.368,31	7.469,02	17.771,70
31.10.2019	13:45:00	12.193,13	7.429,61	17.907,48
31.10.2019	14:00:00	12.314,61	7.654,21	17.965,04
31.10.2019	14:15:00	12.124,63	7.607,70	18.006,92
31.10.2019	14:30:00	12.289,66	7.921,24	17.937,38
31.10.2019	14:45:00	12.222,81	8.135,06	17.794,45
31.10.2019	15:00:00	11.904,09	8.538,58	17.798,29
31.10.2019	15:15:00	11.406,33	8.878,00	17.899,06
31.10.2019	15:30:00	10.863,33	9.160,65	18.070,56
31.10.2019	15:45:00	10.916,22	9.519,04	18.103,02
31.10.2019	16:00:00	10.970,07	9.720,34	18.226,71
31.10.2019	16:15:00	11.280,22	10.279,07	18.603,26
31.10.2019	16:30:00	11.611,04	10.867,80	19.101,44
31.10.2019	16:45:00	12.023,73	11.386,83	19.598,80
31.10.2019	17:00:00	12.354,61	11.772,28	19.950,52
31.10.2019	17:15:00	12.800,04	12.307,79	20.447,34
31.10.2019	17:30:00	13.759,52	13.255,17	21.305,42
31.10.2019	17:45:00	14.462,51	13.942,33	21.817,88
31.10.2019	18:00:00	14.736,95	14.238,15	21.990,92
31.10.2019	18:15:00	14.974,82	14.456,33	21.876,74
31.10.2019	18:30:00	14.611,96	14.124,26	21.287,97
31.10.2019	18:45:00	14.317,00	13.810,12	20.994,76
31.10.2019	19:00:00	14.280,14	13.728,21	20.753,56
31.10.2019	19:15:00	14.118,22	13.610,48	20.571,57
31.10.2019	19:30:00	13.927,48	13.374,99	20.173,48
31.10.2019	19:45:00	13.731,03	13.163,87	19.805,08
31.10.2019	20:00:00	13.406,59	12.863,84	19.528,32
31.10.2019	20:15:00	13.037,81	12.432,31	18.973,77
31.10.2019	20:30:00	12.626,96	12.025,92	18.153,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.10.2019	20:45:00	12.564,26	11.968,65	17.965,10
31.10.2019	21:00:00	12.356,67	11.725,57	17.614,04
31.10.2019	21:15:00	12.148,55	11.542,23	17.332,22
31.10.2019	21:30:00	13.020,97	12.430,93	18.057,29
31.10.2019	21:45:00	12.458,82	11.827,77	17.206,76
31.10.2019	22:00:00	12.143,13	11.612,45	16.995,90
31.10.2019	22:15:00	12.117,60	11.621,17	16.621,07
31.10.2019	22:30:00	12.096,77	11.572,77	16.434,92
31.10.2019	22:45:00	12.178,98	11.702,42	16.310,46
31.10.2019	23:00:00	12.100,15	11.591,76	16.139,11
31.10.2019	23:15:00	11.478,04	10.962,57	15.366,46
31.10.2019	23:30:00	10.915,59	10.425,15	14.688,80
31.10.2019	23:45:00	10.338,19	9.812,79	14.073,28
01.11.2019	00:00:00	9.928,57	9.398,19	13.768,29
01.11.2019	00:15:00	9.287,44	8.759,94	12.974,12
01.11.2019	00:30:00	8.901,18	8.341,55	12.511,02
01.11.2019	00:45:00	8.591,77	8.021,59	12.042,73
01.11.2019	01:00:00	8.198,41	7.664,08	11.620,11
01.11.2019	01:15:00	8.025,14	7.468,42	11.457,92
01.11.2019	01:30:00	7.851,31	7.265,12	11.216,96
01.11.2019	01:45:00	7.634,19	7.095,69	10.926,93
01.11.2019	02:00:00	7.445,72	6.897,10	10.735,60
01.11.2019	02:15:00	7.391,30	6.797,20	10.713,57
01.11.2019	02:30:00	7.418,67	6.852,95	10.681,94
01.11.2019	02:45:00	7.330,21	6.787,91	10.698,21
01.11.2019	03:00:00	7.427,80	6.848,81	10.746,71
01.11.2019	03:15:00	7.299,70	6.714,77	10.492,82
01.11.2019	03:30:00	7.277,69	6.709,01	10.536,20
01.11.2019	03:45:00	7.343,22	6.674,32	10.514,10
01.11.2019	04:00:00	7.358,89	6.653,12	10.503,22
01.11.2019	04:15:00	7.502,10	6.838,33	10.689,30
01.11.2019	04:30:00	7.639,71	6.983,49	10.746,92
01.11.2019	04:45:00	7.572,65	6.884,67	10.688,96
01.11.2019	05:00:00	7.679,83	6.981,37	10.793,19
01.11.2019	05:15:00	7.931,76	7.246,29	11.055,78
01.11.2019	05:30:00	7.781,58	7.097,63	10.914,43
01.11.2019	05:45:00	7.825,22	7.139,67	10.976,79
01.11.2019	06:00:00	7.923,51	7.235,98	11.155,77
01.11.2019	06:15:00	7.923,76	7.236,33	11.118,78
01.11.2019	06:30:00	7.861,39	7.174,88	11.010,13
01.11.2019	06:45:00	7.550,87	6.873,80	10.717,16
01.11.2019	07:00:00	7.447,72	6.770,23	10.539,69
01.11.2019	07:15:00	7.265,14	6.593,08	10.419,19
01.11.2019	07:30:00	7.563,55	6.872,12	10.879,32
01.11.2019	07:45:00	8.007,62	7.267,64	11.155,03
01.11.2019	08:00:00	8.333,12	7.572,14	11.396,06
01.11.2019	08:15:00	8.663,84	7.962,64	11.833,65
01.11.2019	08:30:00	8.917,61	8.225,31	12.038,90
01.11.2019	08:45:00	9.213,84	8.396,89	12.191,56
01.11.2019	09:00:00	9.522,44	8.669,43	12.455,83
01.11.2019	09:15:00	9.783,45	8.799,99	12.583,07
01.11.2019	09:30:00	10.246,06	9.239,08	12.984,70
01.11.2019	09:45:00	10.531,57	9.285,37	13.019,26
01.11.2019	10:00:00	10.774,33	9.216,42	12.940,04
01.11.2019	10:15:00	11.033,55	9.077,33	12.795,03
01.11.2019	10:30:00	11.212,34	9.274,65	12.968,76
01.11.2019	10:45:00	11.377,20	8.520,47	12.209,10
01.11.2019	11:00:00	11.512,90	9.325,18	13.047,53
01.11.2019	11:15:00	11.841,80	9.733,95	13.488,58
01.11.2019	11:30:00	12.022,04	9.038,50	12.780,66
01.11.2019	11:45:00	12.006,88	9.263,50	13.041,34
01.11.2019	12:00:00	12.474,55	10.683,85	14.450,76
01.11.2019	12:15:00	12.432,83	10.549,27	14.285,74
01.11.2019	12:30:00	12.504,09	10.636,95	14.382,67
01.11.2019	12:45:00	12.294,99	11.098,76	14.908,71
01.11.2019	13:00:00	12.214,04	11.031,75	14.804,00
01.11.2019	13:15:00	12.095,59	10.977,74	14.836,64
01.11.2019	13:30:00	12.207,78	11.334,79	15.240,32
01.11.2019	13:45:00	11.962,32	11.147,32	14.995,02
01.11.2019	14:00:00	11.817,06	10.918,92	14.784,54
01.11.2019	14:15:00	11.382,62	10.450,76	14.398,05

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.11.2019	14:30:00	11.207,87	10.259,17	14.264,93
01.11.2019	14:45:00	11.081,09	10.242,55	14.241,40
01.11.2019	15:00:00	11.045,49	10.224,82	14.192,26
01.11.2019	15:15:00	10.902,42	10.166,56	14.178,94
01.11.2019	15:30:00	10.970,23	10.202,78	14.234,76
01.11.2019	15:45:00	11.132,42	10.433,72	14.390,62
01.11.2019	16:00:00	11.216,53	10.489,26	14.414,86
01.11.2019	16:15:00	11.206,61	10.511,77	14.454,33
01.11.2019	16:30:00	11.376,21	10.738,53	14.674,34
01.11.2019	16:45:00	11.639,77	10.977,31	14.877,91
01.11.2019	17:00:00	11.936,28	11.448,85	15.414,86
01.11.2019	17:15:00	12.531,28	12.054,25	16.177,94
01.11.2019	17:30:00	13.119,17	12.630,71	16.795,81
01.11.2019	17:45:00	13.388,17	12.910,25	17.053,54
01.11.2019	18:00:00	13.695,28	13.217,47	17.372,46
01.11.2019	18:15:00	13.622,67	13.149,15	17.318,05
01.11.2019	18:30:00	13.358,89	12.881,78	17.140,55
01.11.2019	18:45:00	13.282,78	12.813,45	17.029,55
01.11.2019	19:00:00	13.048,80	12.580,54	16.755,50
01.11.2019	19:15:00	13.012,73	12.551,80	16.716,98
01.11.2019	19:30:00	13.007,55	12.542,59	16.689,04
01.11.2019	19:45:00	12.757,26	12.280,43	16.271,34
01.11.2019	20:00:00	12.553,45	11.968,13	15.902,90
01.11.2019	20:15:00	12.295,40	11.693,79	15.617,59
01.11.2019	20:30:00	12.003,16	11.397,43	15.259,70
01.11.2019	20:45:00	11.891,05	11.281,47	15.167,56
01.11.2019	21:00:00	11.591,54	10.978,93	14.826,98
01.11.2019	21:15:00	11.629,19	11.014,36	14.888,18
01.11.2019	21:30:00	12.171,58	11.565,39	15.393,94
01.11.2019	21:45:00	11.841,00	11.228,88	15.174,34
01.11.2019	22:00:00	11.535,74	10.920,64	14.873,98
01.11.2019	22:15:00	11.350,17	10.714,78	14.682,16
01.11.2019	22:30:00	11.240,66	10.635,35	14.544,72
01.11.2019	22:45:00	11.315,96	10.707,51	14.553,74
01.11.2019	23:00:00	11.188,39	10.569,09	14.331,24
01.11.2019	23:15:00	10.621,85	9.993,66	13.684,37
01.11.2019	23:30:00	10.013,05	9.377,36	13.020,50
01.11.2019	23:45:00	9.603,35	9.041,10	12.634,49
02.11.2019	00:00:00	9.128,84	8.608,27	12.201,52
02.11.2019	00:15:00	8.741,04	8.218,03	11.882,70
02.11.2019	00:30:00	8.362,20	7.838,16	11.508,99
02.11.2019	00:45:00	8.011,61	7.484,47	11.160,23
02.11.2019	01:00:00	7.668,52	7.140,81	10.844,45
02.11.2019	01:15:00	7.465,42	7.115,93	10.731,15
02.11.2019	01:30:00	7.185,66	6.847,03	10.618,58
02.11.2019	01:45:00	7.075,09	6.734,61	10.476,37
02.11.2019	02:00:00	6.958,32	6.617,88	10.362,06
02.11.2019	02:15:00	6.899,02	6.556,56	10.221,19
02.11.2019	02:30:00	6.881,81	6.538,89	10.227,30
02.11.2019	02:45:00	6.808,32	6.425,93	10.172,14
02.11.2019	03:00:00	6.861,40	6.467,24	10.238,29
02.11.2019	03:15:00	6.782,37	6.389,66	9.904,28
02.11.2019	03:30:00	6.806,10	6.421,00	9.941,82
02.11.2019	03:45:00	6.805,80	6.465,43	9.967,21
02.11.2019	04:00:00	6.803,78	6.448,64	9.938,50
02.11.2019	04:15:00	6.893,97	6.561,19	10.051,24
02.11.2019	04:30:00	6.963,01	6.635,30	10.118,02
02.11.2019	04:45:00	6.959,52	6.629,63	10.173,05
02.11.2019	05:00:00	6.970,76	6.667,45	10.309,34
02.11.2019	05:15:00	7.192,58	6.910,88	10.786,02
02.11.2019	05:30:00	7.127,36	6.785,07	10.671,76
02.11.2019	05:45:00	7.383,67	6.983,64	10.810,88
02.11.2019	06:00:00	7.621,75	7.202,19	11.202,30
02.11.2019	06:15:00	7.750,30	7.153,88	11.291,61
02.11.2019	06:30:00	7.753,19	7.173,19	11.272,10
02.11.2019	06:45:00	7.717,08	7.139,88	11.308,05
02.11.2019	07:00:00	7.982,20	7.405,11	11.694,84
02.11.2019	07:15:00	8.011,25	7.425,77	11.868,40
02.11.2019	07:30:00	8.194,82	7.598,15	12.125,62
02.11.2019	07:45:00	8.692,60	8.064,98	12.602,70
02.11.2019	08:00:00	9.063,90	8.360,17	12.932,92

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.11.2019	08:15:00	9.227,09	8.415,05	13.076,93
02.11.2019	08:30:00	9.333,93	8.400,78	13.138,46
02.11.2019	08:45:00	9.866,27	8.983,81	13.735,55
02.11.2019	09:00:00	10.113,20	8.706,69	13.478,83
02.11.2019	09:15:00	10.253,27	8.127,70	12.890,58
02.11.2019	09:30:00	10.187,66	8.083,91	12.853,68
02.11.2019	09:45:00	10.396,74	8.240,38	12.975,97
02.11.2019	10:00:00	11.029,58	9.654,20	14.476,78
02.11.2019	10:15:00	11.226,54	9.975,03	14.745,08
02.11.2019	10:30:00	11.428,69	10.284,48	15.163,40
02.11.2019	10:45:00	11.532,71	10.389,25	15.271,47
02.11.2019	11:00:00	11.793,17	10.466,28	15.292,47
02.11.2019	11:15:00	11.552,16	9.094,24	13.815,33
02.11.2019	11:30:00	11.721,53	7.607,68	12.292,47
02.11.2019	11:45:00	11.664,48	9.325,90	14.081,39
02.11.2019	12:00:00	12.098,65	7.245,11	11.958,20
02.11.2019	12:15:00	12.158,51	7.984,97	12.728,55
02.11.2019	12:30:00	12.105,29	7.993,08	12.695,72
02.11.2019	12:45:00	11.868,96	8.216,92	12.951,02
02.11.2019	13:00:00	11.019,59	9.410,11	14.131,31
02.11.2019	13:15:00	10.787,98	8.928,36	13.588,60
02.11.2019	13:30:00	11.785,68	7.722,25	12.349,33
02.11.2019	13:45:00	11.969,37	7.570,82	12.105,40
02.11.2019	14:00:00	11.396,54	7.756,25	12.370,76
02.11.2019	14:15:00	11.512,81	7.388,85	11.892,45
02.11.2019	14:30:00	11.519,46	8.412,35	12.982,29
02.11.2019	14:45:00	10.687,00	8.171,39	12.701,28
02.11.2019	15:00:00	10.153,29	9.095,58	13.700,83
02.11.2019	15:15:00	10.443,81	9.676,89	14.324,44
02.11.2019	15:30:00	10.516,82	9.886,83	14.565,08
02.11.2019	15:45:00	10.591,00	9.820,79	14.537,44
02.11.2019	16:00:00	10.666,21	10.111,28	14.859,00
02.11.2019	16:15:00	10.702,07	10.220,27	14.930,85
02.11.2019	16:30:00	10.857,01	10.498,98	15.263,76
02.11.2019	16:45:00	11.053,17	10.783,19	15.540,09
02.11.2019	17:00:00	11.556,10	11.396,86	16.121,83
02.11.2019	17:15:00	12.209,97	12.063,79	16.844,56
02.11.2019	17:30:00	13.063,78	12.906,84	17.728,17
02.11.2019	17:45:00	13.427,30	13.199,34	17.966,40
02.11.2019	18:00:00	13.594,78	13.307,99	18.064,17
02.11.2019	18:15:00	13.664,01	13.385,07	18.082,40
02.11.2019	18:30:00	13.485,71	13.199,12	17.941,49
02.11.2019	18:45:00	13.388,99	13.101,57	17.804,37
02.11.2019	19:00:00	13.107,39	12.751,96	17.401,78
02.11.2019	19:15:00	13.182,44	12.824,69	17.513,62
02.11.2019	19:30:00	13.048,82	12.678,53	17.389,57
02.11.2019	19:45:00	12.691,19	12.317,56	16.945,40
02.11.2019	20:00:00	12.474,16	12.092,34	16.606,45
02.11.2019	20:15:00	12.214,29	11.895,38	16.331,09
02.11.2019	20:30:00	11.756,72	11.509,83	15.734,70
02.11.2019	20:45:00	11.808,99	11.539,86	15.727,79
02.11.2019	21:00:00	11.506,82	11.208,65	15.345,14
02.11.2019	21:15:00	11.465,98	11.162,79	15.198,70
02.11.2019	21:30:00	12.008,27	11.712,12	15.750,70
02.11.2019	21:45:00	11.479,04	11.177,12	15.181,78
02.11.2019	22:00:00	11.104,95	10.799,81	14.771,66
02.11.2019	22:15:00	11.240,79	10.889,96	14.820,20
02.11.2019	22:30:00	11.187,90	10.841,51	14.785,40
02.11.2019	22:45:00	11.331,15	10.987,86	14.862,96
02.11.2019	23:00:00	11.204,56	10.869,23	14.707,63
02.11.2019	23:15:00	10.631,53	10.320,16	14.059,98
02.11.2019	23:30:00	10.139,39	9.825,01	13.550,52
02.11.2019	23:45:00	9.643,57	9.326,11	12.971,72
03.11.2019	00:00:00	8.923,88	8.614,82	12.203,77
03.11.2019	00:15:00	8.456,81	8.141,78	11.633,26
03.11.2019	00:30:00	8.075,02	7.757,93	11.195,80
03.11.2019	00:45:00	7.738,99	7.398,89	10.843,98
03.11.2019	01:00:00	7.425,43	7.100,47	10.609,64
03.11.2019	01:15:00	7.165,68	6.828,18	10.349,54
03.11.2019	01:30:00	6.955,46	6.615,61	10.125,30
03.11.2019	01:45:00	6.814,82	6.474,07	9.939,87

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.11.2019	02:00:00	6.731,69	6.405,73	9.901,33
03.11.2019	02:15:00	6.634,95	6.311,14	9.890,24
03.11.2019	02:30:00	6.553,86	6.221,14	9.767,96
03.11.2019	02:45:00	6.546,27	6.209,62	9.781,42
03.11.2019	03:00:00	6.558,03	6.220,94	9.813,22
03.11.2019	03:15:00	6.366,99	6.036,86	9.576,80
03.11.2019	03:30:00	6.308,82	5.982,14	9.451,50
03.11.2019	03:45:00	6.365,21	6.040,09	9.506,08
03.11.2019	04:00:00	6.359,00	6.030,93	9.450,60
03.11.2019	04:15:00	6.530,60	6.207,26	9.642,28
03.11.2019	04:30:00	6.604,27	6.278,70	9.699,05
03.11.2019	04:45:00	6.663,51	6.262,78	9.716,95
03.11.2019	05:00:00	6.698,51	6.262,92	9.761,99
03.11.2019	05:15:00	6.832,93	6.402,58	9.916,13
03.11.2019	05:30:00	6.698,82	6.259,24	9.758,70
03.11.2019	05:45:00	6.993,54	6.561,82	10.155,03
03.11.2019	06:00:00	7.054,71	6.635,70	10.310,81
03.11.2019	06:15:00	7.055,29	6.633,32	10.307,74
03.11.2019	06:30:00	7.092,23	6.667,74	10.364,46
03.11.2019	06:45:00	6.900,21	6.468,88	10.169,04
03.11.2019	07:00:00	6.972,65	6.542,10	10.265,41
03.11.2019	07:15:00	7.205,25	6.776,66	10.599,34
03.11.2019	07:30:00	7.050,63	6.646,20	10.473,03
03.11.2019	07:45:00	7.463,76	7.026,14	10.815,54
03.11.2019	08:00:00	7.838,00	7.346,86	11.092,12
03.11.2019	08:15:00	8.223,62	7.696,76	11.459,96
03.11.2019	08:30:00	8.482,59	8.000,17	11.733,30
03.11.2019	08:45:00	8.794,99	8.243,68	12.000,66
03.11.2019	09:00:00	9.166,02	8.645,32	12.464,00
03.11.2019	09:15:00	9.627,04	9.027,97	12.982,09
03.11.2019	09:30:00	10.008,82	9.383,09	13.357,52
03.11.2019	09:45:00	10.292,16	9.478,25	13.354,94
03.11.2019	10:00:00	10.506,46	9.677,13	13.568,50
03.11.2019	10:15:00	10.870,05	9.839,60	13.740,82
03.11.2019	10:30:00	10.976,30	9.788,10	13.672,06
03.11.2019	10:45:00	11.179,91	10.153,04	14.091,61
03.11.2019	11:00:00	11.546,74	10.685,16	14.594,54
03.11.2019	11:15:00	12.087,30	11.151,39	15.023,66
03.11.2019	11:30:00	12.357,84	11.301,67	14.994,34
03.11.2019	11:45:00	12.681,25	11.350,35	15.041,26
03.11.2019	12:00:00	12.585,40	11.471,65	15.203,90
03.11.2019	12:15:00	12.747,77	11.880,85	15.673,04
03.11.2019	12:30:00	13.000,29	11.862,41	15.615,00
03.11.2019	12:45:00	12.550,16	11.489,83	15.362,28
03.11.2019	13:00:00	12.357,29	11.212,47	14.987,04
03.11.2019	13:15:00	12.136,15	10.685,06	14.478,68
03.11.2019	13:30:00	12.533,94	10.833,37	14.617,56
03.11.2019	13:45:00	12.164,39	10.426,54	14.173,63
03.11.2019	14:00:00	11.908,77	10.501,16	14.263,24
03.11.2019	14:15:00	11.523,21	10.216,02	13.984,54
03.11.2019	14:30:00	11.076,13	9.860,44	13.585,73
03.11.2019	14:45:00	10.918,01	10.229,40	14.022,78
03.11.2019	15:00:00	10.984,99	10.514,39	14.291,90
03.11.2019	15:15:00	11.195,68	10.706,48	14.550,39
03.11.2019	15:30:00	11.194,27	10.475,30	14.278,60
03.11.2019	15:45:00	11.117,83	10.422,21	14.167,78
03.11.2019	16:00:00	11.128,53	10.701,06	14.464,54
03.11.2019	16:15:00	11.172,59	10.736,66	14.665,21
03.11.2019	16:30:00	11.110,81	10.714,82	14.576,02
03.11.2019	16:45:00	11.549,10	11.226,73	15.182,13
03.11.2019	17:00:00	11.957,37	11.735,01	15.712,71
03.11.2019	17:15:00	12.848,57	12.578,39	16.581,54
03.11.2019	17:30:00	13.463,58	13.194,11	17.133,60
03.11.2019	17:45:00	13.754,04	13.482,42	17.395,68
03.11.2019	18:00:00	14.000,16	13.733,71	17.591,87
03.11.2019	18:15:00	14.047,43	13.782,24	17.686,79
03.11.2019	18:30:00	13.827,25	13.560,08	17.472,73
03.11.2019	18:45:00	13.765,65	13.494,29	17.369,98
03.11.2019	19:00:00	13.519,80	13.252,15	17.112,61
03.11.2019	19:15:00	13.601,36	13.333,74	17.229,70
03.11.2019	19:30:00	13.454,74	13.176,27	17.005,91

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.11.2019	19:45:00	13.206,82	12.935,14	16.819,25
03.11.2019	20:00:00	13.057,06	12.784,19	16.734,90
03.11.2019	20:15:00	12.797,54	12.528,51	16.503,68
03.11.2019	20:30:00	12.701,21	12.426,29	16.423,86
03.11.2019	20:45:00	12.468,87	12.205,53	16.065,84
03.11.2019	21:00:00	11.970,98	11.705,57	15.655,86
03.11.2019	21:15:00	11.864,85	11.596,76	15.585,72
03.11.2019	21:30:00	12.389,04	12.070,71	15.990,75
03.11.2019	21:45:00	12.026,27	11.694,19	15.571,14
03.11.2019	22:00:00	11.572,77	11.240,17	15.197,78
03.11.2019	22:15:00	11.319,69	10.983,32	15.006,29
03.11.2019	22:30:00	11.063,05	10.741,13	14.740,98
03.11.2019	22:45:00	11.156,12	10.837,85	14.871,17
03.11.2019	23:00:00	10.917,14	10.587,70	14.612,54
03.11.2019	23:15:00	10.185,71	9.854,08	13.854,35
03.11.2019	23:30:00	9.687,94	9.351,98	13.460,54
03.11.2019	23:45:00	9.133,72	8.788,60	12.867,62
04.11.2019	00:00:00	8.597,40	8.250,49	12.230,94
04.11.2019	00:15:00	8.082,72	7.726,50	11.612,96
04.11.2019	00:30:00	7.731,19	7.262,69	11.233,62
04.11.2019	00:45:00	7.367,61	6.893,80	10.778,20
04.11.2019	01:00:00	7.130,23	6.659,78	10.609,04
04.11.2019	01:15:00	6.938,04	6.470,12	10.480,12
04.11.2019	01:30:00	6.907,79	6.438,35	10.369,18
04.11.2019	01:45:00	6.833,34	6.351,32	10.309,92
04.11.2019	02:00:00	6.773,73	6.291,65	10.209,11
04.11.2019	02:15:00	6.771,94	6.305,37	10.128,78
04.11.2019	02:30:00	6.881,33	6.415,45	10.349,68
04.11.2019	02:45:00	6.839,47	6.354,12	10.345,52
04.11.2019	03:00:00	6.834,11	6.346,27	10.454,99
04.11.2019	03:15:00	6.938,86	6.442,69	10.448,72
04.11.2019	03:30:00	7.066,65	6.640,31	10.790,70
04.11.2019	03:45:00	7.254,40	6.865,61	11.023,31
04.11.2019	04:00:00	7.364,21	6.979,70	11.095,34
04.11.2019	04:15:00	7.555,63	7.165,90	11.271,76
04.11.2019	04:30:00	7.574,37	7.191,96	11.262,07
04.11.2019	04:45:00	7.664,54	7.275,90	11.439,08
04.11.2019	05:00:00	7.916,51	7.552,31	12.054,36
04.11.2019	05:15:00	8.273,76	7.943,47	13.310,54
04.11.2019	05:30:00	8.280,08	7.961,31	13.644,32
04.11.2019	05:45:00	8.730,88	8.417,74	14.659,76
04.11.2019	06:00:00	9.166,09	8.812,27	15.752,57
04.11.2019	06:15:00	9.674,17	9.264,93	17.611,36
04.11.2019	06:30:00	9.971,62	9.591,41	18.919,30
04.11.2019	06:45:00	9.970,79	9.594,08	19.534,64
04.11.2019	07:00:00	10.516,63	10.153,69	20.154,47
04.11.2019	07:15:00	10.394,71	10.033,65	20.592,72
04.11.2019	07:30:00	10.645,11	10.256,52	21.232,70
04.11.2019	07:45:00	10.473,02	10.022,50	21.241,67
04.11.2019	08:00:00	10.551,38	10.022,17	21.446,31
04.11.2019	08:15:00	10.877,53	10.123,52	21.664,12
04.11.2019	08:30:00	10.853,91	9.719,25	21.516,65
04.11.2019	08:45:00	11.062,37	10.130,89	21.904,58
04.11.2019	09:00:00	11.389,40	10.339,08	22.287,32
04.11.2019	09:15:00	11.763,24	10.626,64	21.991,83
04.11.2019	09:30:00	11.564,14	10.567,32	21.991,09
04.11.2019	09:45:00	11.625,83	10.365,35	22.234,05
04.11.2019	10:00:00	11.784,15	10.431,62	22.592,72
04.11.2019	10:15:00	11.979,42	10.811,50	22.876,22
04.11.2019	10:30:00	11.851,70	10.820,33	23.099,46
04.11.2019	10:45:00	11.978,53	10.331,73	22.768,72
04.11.2019	11:00:00	11.843,55	10.207,11	22.524,86
04.11.2019	11:15:00	11.738,33	9.512,09	21.638,70
04.11.2019	11:30:00	12.008,56	8.894,13	21.122,94
04.11.2019	11:45:00	12.257,01	10.970,16	23.393,67
04.11.2019	12:00:00	12.764,80	11.612,03	23.738,98
04.11.2019	12:15:00	13.406,10	11.933,27	23.351,32
04.11.2019	12:30:00	13.217,12	11.755,55	22.828,71
04.11.2019	12:45:00	13.236,73	11.537,17	22.724,73
04.11.2019	13:00:00	12.968,84	11.532,16	22.944,02
04.11.2019	13:15:00	12.611,59	9.900,76	21.178,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.11.2019	13:30:00	12.390,33	10.666,84	22.278,00
04.11.2019	13:45:00	12.173,48	10.164,37	21.937,40
04.11.2019	14:00:00	12.395,97	9.228,50	20.770,66
04.11.2019	14:15:00	11.929,10	9.629,20	21.120,59
04.11.2019	14:30:00	12.511,12	8.962,27	20.270,60
04.11.2019	14:45:00	12.561,33	8.818,77	19.820,65
04.11.2019	15:00:00	11.357,94	9.170,83	20.171,24
04.11.2019	15:15:00	10.832,54	9.277,39	19.902,66
04.11.2019	15:30:00	11.272,93	9.844,73	20.276,58
04.11.2019	15:45:00	11.360,96	10.329,76	20.311,80
04.11.2019	16:00:00	11.538,90	10.891,14	20.635,46
04.11.2019	16:15:00	11.811,82	11.295,08	20.648,50
04.11.2019	16:30:00	11.986,96	11.586,41	20.871,49
04.11.2019	16:45:00	12.296,54	11.922,26	21.140,06
04.11.2019	17:00:00	12.641,93	12.285,63	21.338,86
04.11.2019	17:15:00	13.230,90	12.921,35	21.824,94
04.11.2019	17:30:00	14.145,61	13.855,28	22.593,77
04.11.2019	17:45:00	14.832,46	14.517,43	23.069,08
04.11.2019	18:00:00	15.057,90	14.767,23	23.234,57
04.11.2019	18:15:00	15.316,98	15.033,77	23.251,38
04.11.2019	18:30:00	15.307,32	14.996,32	22.870,44
04.11.2019	18:45:00	14.965,21	14.659,49	22.457,28
04.11.2019	19:00:00	14.775,32	14.464,61	22.058,07
04.11.2019	19:15:00	14.823,09	14.511,38	22.097,12
04.11.2019	19:30:00	14.739,03	14.407,43	22.147,59
04.11.2019	19:45:00	14.442,25	14.097,27	21.535,77
04.11.2019	20:00:00	14.132,91	13.784,18	21.147,25
04.11.2019	20:15:00	13.783,93	13.394,33	20.560,11
04.11.2019	20:30:00	13.418,07	13.041,47	20.171,45
04.11.2019	20:45:00	13.424,69	13.046,21	20.159,68
04.11.2019	21:00:00	13.082,30	12.654,77	19.730,23
04.11.2019	21:15:00	12.788,01	12.349,35	19.314,68
04.11.2019	21:30:00	13.572,90	13.144,33	20.017,56
04.11.2019	21:45:00	12.925,48	12.535,77	19.432,26
04.11.2019	22:00:00	12.386,55	11.992,92	18.634,54
04.11.2019	22:15:00	11.986,58	11.663,44	17.965,44
04.11.2019	22:30:00	11.636,26	11.339,94	17.311,11
04.11.2019	22:45:00	11.797,84	11.483,31	17.081,33
04.11.2019	23:00:00	11.491,99	11.140,26	16.644,84
04.11.2019	23:15:00	10.604,24	10.279,69	15.713,72
04.11.2019	23:30:00	9.960,52	9.643,77	14.928,18
04.11.2019	23:45:00	9.313,71	8.954,74	14.086,79
05.11.2019	00:00:00	8.920,83	8.566,21	13.641,00
05.11.2019	00:15:00	8.411,90	8.081,87	13.147,73
05.11.2019	00:30:00	8.058,86	7.718,83	12.894,07
05.11.2019	00:45:00	7.601,29	7.215,15	12.358,44
05.11.2019	01:00:00	7.348,34	6.992,03	12.199,79
05.11.2019	01:15:00	7.246,14	6.906,06	12.137,60
05.11.2019	01:30:00	7.220,22	6.861,10	12.017,48
05.11.2019	01:45:00	7.162,77	6.773,04	11.775,70
05.11.2019	02:00:00	7.180,48	6.823,94	11.698,86
05.11.2019	02:15:00	7.274,98	6.933,56	11.799,00
05.11.2019	02:30:00	7.337,12	6.970,95	11.859,09
05.11.2019	02:45:00	7.417,12	7.027,68	11.851,82
05.11.2019	03:00:00	7.406,31	7.019,17	11.863,90
05.11.2019	03:15:00	7.458,72	7.040,54	11.934,02
05.11.2019	03:30:00	7.583,05	7.102,48	11.863,20
05.11.2019	03:45:00	7.668,38	7.186,21	12.016,57
05.11.2019	04:00:00	7.838,81	7.396,55	12.395,92
05.11.2019	04:15:00	8.243,31	7.763,20	12.836,49
05.11.2019	04:30:00	8.321,64	7.834,24	12.919,76
05.11.2019	04:45:00	8.365,17	7.879,69	13.089,53
05.11.2019	05:00:00	8.591,52	8.122,13	13.503,44
05.11.2019	05:15:00	8.874,39	8.423,96	14.419,64
05.11.2019	05:30:00	8.748,90	8.321,37	14.560,70
05.11.2019	05:45:00	9.131,28	8.771,47	15.327,82
05.11.2019	06:00:00	9.432,73	9.106,23	16.392,08
05.11.2019	06:15:00	9.988,44	9.677,33	18.044,03
05.11.2019	06:30:00	10.226,69	9.944,39	19.256,25
05.11.2019	06:45:00	10.344,64	10.055,39	20.006,35
05.11.2019	07:00:00	10.737,56	10.467,76	20.969,19

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.11.2019	07:15:00	10.863,96	10.586,82	21.374,00
05.11.2019	07:30:00	10.866,44	10.601,51	21.955,96
05.11.2019	07:45:00	11.014,86	10.740,68	22.361,27
05.11.2019	08:00:00	11.121,27	10.786,35	22.794,96
05.11.2019	08:15:00	11.381,95	10.959,95	23.177,31
05.11.2019	08:30:00	11.315,13	10.768,75	23.216,64
05.11.2019	08:45:00	11.543,05	10.869,63	23.401,47
05.11.2019	09:00:00	11.169,19	9.900,00	22.318,88
05.11.2019	09:15:00	11.864,35	10.727,14	22.636,20
05.11.2019	09:30:00	11.693,96	9.785,36	21.484,65
05.11.2019	09:45:00	11.163,81	8.693,76	20.781,33
05.11.2019	10:00:00	11.279,35	8.421,03	20.524,68
05.11.2019	10:15:00	11.445,48	8.316,93	20.289,08
05.11.2019	10:30:00	11.548,22	8.139,43	20.204,16
05.11.2019	10:45:00	11.333,61	8.342,61	20.660,66
05.11.2019	11:00:00	10.951,35	8.777,09	21.448,10
05.11.2019	11:15:00	11.761,50	9.819,02	22.688,89
05.11.2019	11:30:00	12.692,40	9.751,06	22.434,78
05.11.2019	11:45:00	12.529,70	9.662,23	22.044,24
05.11.2019	12:00:00	12.738,87	10.804,18	23.093,57
05.11.2019	12:15:00	13.153,74	11.612,13	23.407,52
05.11.2019	12:30:00	13.316,69	11.936,75	23.157,76
05.11.2019	12:45:00	12.993,33	12.065,84	23.662,66
05.11.2019	13:00:00	13.223,03	11.163,34	22.675,91
05.11.2019	13:15:00	12.506,96	10.903,66	22.581,09
05.11.2019	13:30:00	12.471,65	11.445,05	23.511,17
05.11.2019	13:45:00	12.465,12	10.764,79	22.766,50
05.11.2019	14:00:00	11.892,93	9.774,36	21.361,07
05.11.2019	14:15:00	12.340,08	9.120,83	20.330,96
05.11.2019	14:30:00	12.261,75	9.781,02	21.177,23
05.11.2019	14:45:00	11.851,22	9.124,81	20.216,92
05.11.2019	15:00:00	11.746,45	10.395,50	21.198,28
05.11.2019	15:15:00	11.737,95	10.407,10	21.382,58
05.11.2019	15:30:00	11.732,48	10.917,11	21.647,52
05.11.2019	15:45:00	11.812,94	11.308,23	21.800,55
05.11.2019	16:00:00	12.163,73	11.741,83	22.139,07
05.11.2019	16:15:00	12.397,38	11.978,47	21.871,85
05.11.2019	16:30:00	12.530,20	12.124,30	21.739,43
05.11.2019	16:45:00	12.810,83	12.482,98	21.939,74
05.11.2019	17:00:00	13.119,86	12.820,01	22.125,64
05.11.2019	17:15:00	13.828,60	13.551,08	22.559,15
05.11.2019	17:30:00	14.608,93	14.341,50	23.044,68
05.11.2019	17:45:00	14.903,03	14.632,39	23.290,81
05.11.2019	18:00:00	15.377,83	15.111,81	23.656,20
05.11.2019	18:15:00	15.513,21	15.244,41	23.609,02
05.11.2019	18:30:00	15.300,26	15.016,72	23.197,34
05.11.2019	18:45:00	15.182,56	14.885,79	22.918,55
05.11.2019	19:00:00	14.983,64	14.680,48	22.636,78
05.11.2019	19:15:00	15.043,73	14.748,12	22.642,45
05.11.2019	19:30:00	14.854,52	14.538,72	22.386,00
05.11.2019	19:45:00	14.590,18	14.259,59	22.087,54
05.11.2019	20:00:00	14.494,66	14.156,18	21.779,87
05.11.2019	20:15:00	14.174,37	13.815,32	21.110,74
05.11.2019	20:30:00	13.790,97	13.418,29	20.663,06
05.11.2019	20:45:00	13.689,20	13.316,69	20.297,50
05.11.2019	21:00:00	13.237,22	12.855,88	19.813,29
05.11.2019	21:15:00	13.054,57	12.661,83	19.620,37
05.11.2019	21:30:00	13.660,59	13.273,22	20.041,01
05.11.2019	21:45:00	13.025,30	12.592,42	19.204,90
05.11.2019	22:00:00	12.609,02	12.163,31	18.657,06
05.11.2019	22:15:00	12.313,74	11.887,98	18.266,06
05.11.2019	22:30:00	11.716,57	11.368,21	17.439,27
05.11.2019	22:45:00	11.837,72	11.487,91	17.256,26
05.11.2019	23:00:00	11.863,63	11.517,02	17.159,75
05.11.2019	23:15:00	11.270,51	10.933,97	16.506,81
05.11.2019	23:30:00	10.572,03	10.238,32	15.763,45
05.11.2019	23:45:00	10.071,07	9.752,73	15.255,20
06.11.2019	00:00:00	9.480,18	9.157,91	14.441,68
06.11.2019	00:15:00	8.883,88	8.546,34	13.850,30
06.11.2019	00:30:00	8.592,71	8.270,03	13.627,63
06.11.2019	00:45:00	8.364,26	8.039,12	13.260,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.11.2019	01:00:00	8.020,55	7.693,53	12.986,36
06.11.2019	01:15:00	7.848,06	7.519,22	12.661,45
06.11.2019	01:30:00	7.645,70	7.315,16	12.475,53
06.11.2019	01:45:00	7.567,82	7.237,96	12.346,95
06.11.2019	02:00:00	7.656,57	7.325,94	12.420,96
06.11.2019	02:15:00	7.607,55	7.274,00	12.485,98
06.11.2019	02:30:00	7.529,55	7.193,70	12.327,46
06.11.2019	02:45:00	7.540,28	7.168,01	12.161,58
06.11.2019	03:00:00	7.512,74	7.032,15	12.230,34
06.11.2019	03:15:00	7.541,33	7.041,05	12.230,33
06.11.2019	03:30:00	7.596,64	7.097,55	12.291,88
06.11.2019	03:45:00	7.645,12	7.145,77	12.296,86
06.11.2019	04:00:00	7.786,99	7.289,18	12.374,92
06.11.2019	04:15:00	7.995,26	7.510,23	12.543,08
06.11.2019	04:30:00	8.039,58	7.549,09	12.828,04
06.11.2019	04:45:00	8.122,98	7.637,19	12.941,25
06.11.2019	05:00:00	8.348,12	7.889,02	13.507,12
06.11.2019	05:15:00	8.607,75	8.182,98	14.218,14
06.11.2019	05:30:00	8.618,80	8.198,34	14.519,73
06.11.2019	05:45:00	9.047,46	8.633,34	15.236,16
06.11.2019	06:00:00	9.448,40	9.042,25	16.177,26
06.11.2019	06:15:00	9.918,84	9.527,73	17.758,97
06.11.2019	06:30:00	10.063,86	9.678,97	18.939,90
06.11.2019	06:45:00	10.361,16	9.994,49	19.643,31
06.11.2019	07:00:00	10.811,03	10.471,86	20.732,16
06.11.2019	07:15:00	11.035,54	10.689,85	21.545,03
06.11.2019	07:30:00	11.076,83	10.727,37	22.039,54
06.11.2019	07:45:00	11.042,62	10.621,29	21.997,02
06.11.2019	08:00:00	11.046,84	10.573,81	22.272,90
06.11.2019	08:15:00	11.148,94	10.646,35	22.759,98
06.11.2019	08:30:00	11.484,59	11.048,76	23.419,01
06.11.2019	08:45:00	11.591,87	11.148,45	23.739,67
06.11.2019	09:00:00	11.946,75	11.389,49	23.948,10
06.11.2019	09:15:00	12.359,54	11.728,29	23.716,79
06.11.2019	09:30:00	12.251,84	11.565,85	23.712,86
06.11.2019	09:45:00	12.356,55	11.572,49	24.088,14
06.11.2019	10:00:00	12.343,64	11.646,37	24.340,50
06.11.2019	10:15:00	12.669,29	11.818,31	24.335,44
06.11.2019	10:30:00	12.556,42	11.712,91	24.317,27
06.11.2019	10:45:00	12.552,35	11.563,09	24.315,38
06.11.2019	11:00:00	12.606,22	11.492,84	24.095,25
06.11.2019	11:15:00	12.635,02	11.220,87	23.795,86
06.11.2019	11:30:00	12.718,10	10.939,62	23.602,95
06.11.2019	11:45:00	13.072,26	10.069,05	22.436,80
06.11.2019	12:00:00	13.244,99	11.219,97	23.453,17
06.11.2019	12:15:00	13.584,77	12.836,43	24.776,50
06.11.2019	12:30:00	13.996,76	12.844,49	24.465,71
06.11.2019	12:45:00	13.668,10	12.247,18	24.161,86
06.11.2019	13:00:00	13.357,95	11.976,02	23.890,20
06.11.2019	13:15:00	13.224,36	11.874,11	24.009,46
06.11.2019	13:30:00	12.819,62	11.676,81	23.846,32
06.11.2019	13:45:00	12.582,12	11.268,38	23.330,94
06.11.2019	14:00:00	12.098,79	10.656,81	22.537,86
06.11.2019	14:15:00	11.988,26	10.779,94	22.663,38
06.11.2019	14:30:00	12.485,70	9.456,67	21.047,12
06.11.2019	14:45:00	12.647,36	9.130,24	20.482,44
06.11.2019	15:00:00	11.968,30	10.441,30	21.517,20
06.11.2019	15:15:00	11.765,32	10.657,33	21.562,94
06.11.2019	15:30:00	11.768,34	10.576,00	21.471,45
06.11.2019	15:45:00	11.803,23	10.956,21	21.506,57
06.11.2019	16:00:00	11.915,35	11.376,01	21.737,20
06.11.2019	16:15:00	12.398,62	12.099,67	22.207,11
06.11.2019	16:30:00	12.585,84	12.293,86	22.522,82
06.11.2019	16:45:00	12.851,80	12.561,13	22.539,98
06.11.2019	17:00:00	13.320,80	13.066,99	22.827,90
06.11.2019	17:15:00	14.306,36	14.057,90	23.571,70
06.11.2019	17:30:00	15.027,51	14.784,70	24.071,92
06.11.2019	17:45:00	15.416,59	15.163,29	24.272,06
06.11.2019	18:00:00	15.637,50	15.379,31	24.386,20
06.11.2019	18:15:00	15.549,44	15.297,25	23.980,83
06.11.2019	18:30:00	15.255,69	14.985,81	23.429,59

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.11.2019	18:45:00	15.004,73	14.719,40	22.919,08
06.11.2019	19:00:00	14.761,34	14.476,36	22.607,36
06.11.2019	19:15:00	14.865,40	14.588,21	22.608,90
06.11.2019	19:30:00	14.782,63	14.538,61	22.491,45
06.11.2019	19:45:00	14.655,91	14.416,63	22.197,54
06.11.2019	20:00:00	14.173,44	13.903,02	21.572,61
06.11.2019	20:15:00	13.821,25	13.545,20	21.163,61
06.11.2019	20:30:00	13.624,18	13.339,89	20.749,80
06.11.2019	20:45:00	13.362,40	13.068,75	20.407,57
06.11.2019	21:00:00	13.038,16	12.739,73	20.013,09
06.11.2019	21:15:00	12.987,35	12.671,20	19.735,27
06.11.2019	21:30:00	13.534,84	13.230,06	20.270,64
06.11.2019	21:45:00	13.047,22	12.736,17	19.598,37
06.11.2019	22:00:00	12.628,10	12.313,63	18.828,28
06.11.2019	22:15:00	12.286,68	12.041,07	18.277,08
06.11.2019	22:30:00	11.897,97	11.755,59	17.752,92
06.11.2019	22:45:00	11.955,49	11.821,87	17.480,51
06.11.2019	23:00:00	11.779,12	11.657,88	17.286,29
06.11.2019	23:15:00	11.033,63	11.000,35	16.478,59
06.11.2019	23:30:00	10.194,94	10.146,28	15.496,04
06.11.2019	23:45:00	9.648,92	9.604,73	14.869,74
07.11.2019	00:00:00	9.221,55	9.173,29	14.498,23
07.11.2019	00:15:00	8.708,81	8.658,05	13.974,96
07.11.2019	00:30:00	8.166,52	8.111,17	13.371,66
07.11.2019	00:45:00	7.786,15	7.724,75	12.949,94
07.11.2019	01:00:00	7.506,48	7.433,98	12.644,89
07.11.2019	01:15:00	7.348,22	7.284,57	12.433,97
07.11.2019	01:30:00	7.123,71	7.057,90	12.186,50
07.11.2019	01:45:00	7.050,85	6.985,22	12.057,76
07.11.2019	02:00:00	7.159,23	7.094,92	12.096,00
07.11.2019	02:15:00	7.201,10	7.127,41	12.169,34
07.11.2019	02:30:00	7.183,08	7.119,57	12.124,60
07.11.2019	02:45:00	7.192,04	7.125,00	12.174,36
07.11.2019	03:00:00	7.343,79	7.279,24	12.141,12
07.11.2019	03:15:00	7.240,77	7.175,79	12.110,54
07.11.2019	03:30:00	7.598,69	7.440,26	12.457,58
07.11.2019	03:45:00	7.817,77	7.648,34	12.743,38
07.11.2019	04:00:00	8.059,81	7.891,69	13.117,34
07.11.2019	04:15:00	8.478,55	8.314,54	13.415,07
07.11.2019	04:30:00	8.625,30	8.463,77	13.569,79
07.11.2019	04:45:00	8.825,97	8.632,69	13.853,10
07.11.2019	05:00:00	9.063,41	8.868,23	14.311,24
07.11.2019	05:15:00	9.218,29	9.049,22	15.120,24
07.11.2019	05:30:00	9.084,45	8.922,89	15.263,50
07.11.2019	05:45:00	9.462,91	9.318,17	16.000,16
07.11.2019	06:00:00	9.736,45	9.595,02	16.833,12
07.11.2019	06:15:00	10.200,63	10.066,25	18.529,31
07.11.2019	06:30:00	10.427,15	10.298,92	19.473,63
07.11.2019	06:45:00	10.531,19	10.245,28	19.998,08
07.11.2019	07:00:00	10.795,47	10.537,59	20.824,12
07.11.2019	07:15:00	11.118,90	10.859,82	22.013,37
07.11.2019	07:30:00	11.072,66	10.781,09	22.594,16
07.11.2019	07:45:00	11.005,49	10.641,37	22.667,83
07.11.2019	08:00:00	10.846,06	10.351,34	22.759,90
07.11.2019	08:15:00	10.806,20	10.154,95	22.834,81
07.11.2019	08:30:00	10.631,08	9.745,15	22.256,43
07.11.2019	08:45:00	10.793,78	9.466,28	22.250,06
07.11.2019	09:00:00	11.301,42	10.084,41	22.959,01
07.11.2019	09:15:00	11.318,14	9.089,91	21.315,18
07.11.2019	09:30:00	11.388,20	9.318,28	21.608,86
07.11.2019	09:45:00	11.453,27	9.466,65	22.019,41
07.11.2019	10:00:00	11.679,87	9.533,62	22.355,15
07.11.2019	10:15:00	11.859,08	9.552,11	22.254,40
07.11.2019	10:30:00	11.450,34	9.396,69	22.182,68
07.11.2019	10:45:00	12.000,98	10.850,42	23.840,40
07.11.2019	11:00:00	12.190,64	10.832,32	23.997,51
07.11.2019	11:15:00	12.199,39	10.896,23	23.799,53
07.11.2019	11:30:00	12.472,32	11.171,51	24.077,66
07.11.2019	11:45:00	12.911,32	11.961,73	25.076,94
07.11.2019	12:00:00	13.024,69	12.184,85	25.172,02
07.11.2019	12:15:00	13.400,65	12.415,69	24.947,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.11.2019	12:30:00	13.602,08	12.707,57	24.716,11
07.11.2019	12:45:00	13.312,15	12.640,98	24.941,60
07.11.2019	13:00:00	13.201,87	12.545,10	25.148,68
07.11.2019	13:15:00	12.913,27	12.179,67	24.757,57
07.11.2019	13:30:00	12.757,10	11.962,67	25.078,72
07.11.2019	13:45:00	12.740,89	11.715,56	24.641,74
07.11.2019	14:00:00	12.612,27	11.889,95	24.610,88
07.11.2019	14:15:00	12.484,87	11.646,65	24.387,93
07.11.2019	14:30:00	12.337,50	11.523,54	23.856,53
07.11.2019	14:45:00	12.244,55	11.210,06	23.283,55
07.11.2019	15:00:00	12.226,33	11.629,65	23.640,85
07.11.2019	15:15:00	12.181,99	10.941,15	22.470,69
07.11.2019	15:30:00	11.671,57	10.096,44	21.556,94
07.11.2019	15:45:00	11.803,11	11.103,20	22.344,27
07.11.2019	16:00:00	12.169,39	11.814,10	22.821,06
07.11.2019	16:15:00	12.476,31	12.104,86	22.693,86
07.11.2019	16:30:00	12.701,91	12.234,55	22.760,65
07.11.2019	16:45:00	13.169,26	12.817,60	23.161,33
07.11.2019	17:00:00	13.601,68	13.372,21	23.381,88
07.11.2019	17:15:00	14.537,53	14.274,32	24.078,18
07.11.2019	17:30:00	15.160,86	14.993,63	24.648,69
07.11.2019	17:45:00	15.606,34	15.400,42	24.960,88
07.11.2019	18:00:00	15.717,89	15.548,33	25.042,71
07.11.2019	18:15:00	15.778,51	15.600,80	24.670,27
07.11.2019	18:30:00	15.596,45	15.289,59	23.947,07
07.11.2019	18:45:00	15.248,69	15.049,52	23.597,32
07.11.2019	19:00:00	15.187,49	14.848,59	23.336,78
07.11.2019	19:15:00	15.090,07	14.717,75	23.395,62
07.11.2019	19:30:00	14.844,00	14.449,53	23.021,64
07.11.2019	19:45:00	14.634,82	14.227,81	22.529,73
07.11.2019	20:00:00	14.331,37	13.915,19	22.206,33
07.11.2019	20:15:00	13.986,79	13.547,62	21.557,48
07.11.2019	20:30:00	13.910,57	13.473,18	21.305,71
07.11.2019	20:45:00	13.676,95	13.230,91	20.820,31
07.11.2019	21:00:00	13.287,07	12.834,03	20.198,08
07.11.2019	21:15:00	13.128,32	12.671,76	19.850,99
07.11.2019	21:30:00	13.869,41	13.418,44	20.527,86
07.11.2019	21:45:00	13.203,42	12.745,43	19.789,87
07.11.2019	22:00:00	12.897,20	12.434,45	19.302,64
07.11.2019	22:15:00	12.679,43	12.214,68	18.760,00
07.11.2019	22:30:00	12.421,64	11.952,69	18.219,46
07.11.2019	22:45:00	12.402,04	11.933,51	17.845,24
07.11.2019	23:00:00	12.239,67	11.766,90	17.769,02
07.11.2019	23:15:00	11.702,87	11.236,15	17.157,48
07.11.2019	23:30:00	10.967,45	10.592,36	16.323,11
07.11.2019	23:45:00	10.195,01	9.812,31	15.452,74
08.11.2019	00:00:00	9.667,10	9.278,84	14.834,77
08.11.2019	00:15:00	9.357,16	8.864,62	14.379,82
08.11.2019	00:30:00	8.881,10	8.398,96	13.932,41
08.11.2019	00:45:00	8.471,99	7.986,32	13.554,68
08.11.2019	01:00:00	8.174,81	7.685,25	13.207,47
08.11.2019	01:15:00	7.915,85	7.423,15	12.949,12
08.11.2019	01:30:00	7.876,48	7.369,62	12.924,67
08.11.2019	01:45:00	7.764,35	7.227,72	12.630,72
08.11.2019	02:00:00	7.617,02	7.108,92	12.505,08
08.11.2019	02:15:00	7.742,51	7.250,33	12.663,95
08.11.2019	02:30:00	7.748,75	7.256,31	12.784,12
08.11.2019	02:45:00	7.759,23	7.269,53	12.846,81
08.11.2019	03:00:00	7.930,57	7.441,08	12.919,79
08.11.2019	03:15:00	7.715,69	7.178,74	12.498,72
08.11.2019	03:30:00	7.884,82	7.326,69	12.729,64
08.11.2019	03:45:00	8.088,22	7.488,38	12.847,44
08.11.2019	04:00:00	8.097,74	7.499,28	12.851,12
08.11.2019	04:15:00	8.350,73	7.753,62	13.118,19
08.11.2019	04:30:00	8.531,68	7.938,43	13.273,94
08.11.2019	04:45:00	8.555,69	7.937,33	13.441,58
08.11.2019	05:00:00	8.723,14	8.093,76	13.867,21
08.11.2019	05:15:00	8.954,75	8.347,50	14.595,32
08.11.2019	05:30:00	8.851,66	8.266,83	14.752,92
08.11.2019	05:45:00	9.347,52	8.773,05	15.614,56
08.11.2019	06:00:00	9.718,91	9.140,71	16.493,66

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
08.11.2019	06:15:00	10.140,35	9.576,81	18.236,26
08.11.2019	06:30:00	10.263,60	9.720,72	19.174,43
08.11.2019	06:45:00	10.370,19	9.836,87	19.720,65
08.11.2019	07:00:00	10.797,90	10.279,77	20.875,38
08.11.2019	07:15:00	11.433,08	10.917,09	22.231,65
08.11.2019	07:30:00	11.720,37	11.216,90	22.769,24
08.11.2019	07:45:00	11.475,30	11.007,34	22.757,49
08.11.2019	08:00:00	11.751,78	11.282,57	23.536,08
08.11.2019	08:15:00	11.977,14	11.474,62	24.070,02
08.11.2019	08:30:00	12.163,32	11.654,10	24.492,39
08.11.2019	08:45:00	12.375,19	11.998,19	24.906,95
08.11.2019	09:00:00	12.522,16	12.142,60	25.112,54
08.11.2019	09:15:00	13.290,21	12.935,27	25.385,80
08.11.2019	09:30:00	13.297,37	12.933,12	25.465,62
08.11.2019	09:45:00	13.381,86	13.011,31	25.980,09
08.11.2019	10:00:00	13.536,59	13.154,56	26.117,69
08.11.2019	10:15:00	13.606,37	13.237,42	26.131,10
08.11.2019	10:30:00	13.805,50	13.407,36	26.245,06
08.11.2019	10:45:00	13.711,75	13.269,31	26.220,10
08.11.2019	11:00:00	13.819,75	13.334,91	26.346,77
08.11.2019	11:15:00	14.101,56	13.647,94	26.508,56
08.11.2019	11:30:00	14.254,44	13.793,47	26.685,96
08.11.2019	11:45:00	14.339,40	13.874,93	26.725,92
08.11.2019	12:00:00	14.685,08	14.129,25	26.790,42
08.11.2019	12:15:00	15.053,63	14.472,16	26.428,02
08.11.2019	12:30:00	15.302,43	14.732,80	26.235,78
08.11.2019	12:45:00	15.027,84	14.479,86	25.730,89
08.11.2019	13:00:00	14.707,09	14.146,54	25.270,30
08.11.2019	13:15:00	14.538,33	14.083,30	25.035,63
08.11.2019	13:30:00	14.563,34	14.037,92	24.876,40
08.11.2019	13:45:00	14.209,99	13.737,24	24.429,54
08.11.2019	14:00:00	14.036,75	13.552,93	24.157,77
08.11.2019	14:15:00	13.789,67	13.262,81	23.746,40
08.11.2019	14:30:00	13.647,97	13.113,13	23.360,25
08.11.2019	14:45:00	13.671,37	13.144,03	23.359,71
08.11.2019	15:00:00	13.597,92	13.117,10	23.196,94
08.11.2019	15:15:00	13.682,60	13.304,21	22.998,92
08.11.2019	15:30:00	13.641,74	13.278,70	22.662,01
08.11.2019	15:45:00	13.714,22	13.382,82	22.715,33
08.11.2019	16:00:00	13.894,04	13.568,81	22.730,19
08.11.2019	16:15:00	14.072,06	13.741,09	22.556,89
08.11.2019	16:30:00	14.239,85	13.902,15	22.753,76
08.11.2019	16:45:00	14.605,17	14.295,36	22.984,42
08.11.2019	17:00:00	14.975,74	14.668,36	23.158,74
08.11.2019	17:15:00	15.789,01	15.515,57	23.740,38
08.11.2019	17:30:00	16.152,80	15.889,15	24.073,76
08.11.2019	17:45:00	16.467,55	16.181,64	24.240,80
08.11.2019	18:00:00	16.390,30	16.078,06	24.012,72
08.11.2019	18:15:00	16.249,47	15.935,99	23.626,37
08.11.2019	18:30:00	16.212,85	15.907,70	23.450,84
08.11.2019	18:45:00	15.805,38	15.500,02	22.802,48
08.11.2019	19:00:00	15.548,95	15.229,28	22.418,69
08.11.2019	19:15:00	15.492,76	15.193,37	22.192,38
08.11.2019	19:30:00	15.259,79	14.992,84	22.094,02
08.11.2019	19:45:00	15.049,85	14.768,06	21.784,56
08.11.2019	20:00:00	14.746,58	14.488,46	21.321,63
08.11.2019	20:15:00	14.445,78	14.138,08	20.763,74
08.11.2019	20:30:00	13.968,62	13.642,41	20.084,84
08.11.2019	20:45:00	13.784,37	13.490,79	19.758,35
08.11.2019	21:00:00	13.525,29	13.184,34	19.275,41
08.11.2019	21:15:00	13.403,75	13.069,04	19.004,59
08.11.2019	21:30:00	14.184,53	13.853,27	19.621,19
08.11.2019	21:45:00	13.798,10	13.458,65	19.196,58
08.11.2019	22:00:00	13.483,12	13.158,16	18.901,26
08.11.2019	22:15:00	13.192,32	12.890,93	18.464,86
08.11.2019	22:30:00	13.337,81	13.029,80	18.384,19
08.11.2019	22:45:00	13.677,82	13.364,47	18.281,12
08.11.2019	23:00:00	13.629,18	13.325,18	18.188,00
08.11.2019	23:15:00	13.280,06	12.960,96	17.691,40
08.11.2019	23:30:00	12.644,29	12.323,75	16.965,56
08.11.2019	23:45:00	12.168,47	11.849,00	16.440,26

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.11.2019	00:00:00	11.912,97	11.626,76	16.185,77
09.11.2019	00:15:00	11.183,93	10.961,94	15.440,36
09.11.2019	00:30:00	10.868,49	10.653,01	15.074,81
09.11.2019	00:45:00	10.509,94	10.286,79	14.678,93
09.11.2019	01:00:00	9.988,93	9.732,32	14.188,32
09.11.2019	01:15:00	9.866,94	9.643,34	14.080,13
09.11.2019	01:30:00	9.616,83	9.392,90	13.785,26
09.11.2019	01:45:00	9.431,03	9.188,74	13.589,18
09.11.2019	02:00:00	9.128,30	8.898,67	13.236,91
09.11.2019	02:15:00	9.165,12	8.932,12	13.167,44
09.11.2019	02:30:00	9.245,99	9.006,44	13.223,14
09.11.2019	02:45:00	9.188,38	8.909,03	13.146,52
09.11.2019	03:00:00	9.104,07	8.825,86	13.070,96
09.11.2019	03:15:00	8.983,15	8.707,81	12.833,81
09.11.2019	03:30:00	9.057,02	8.787,66	12.802,87
09.11.2019	03:45:00	8.984,30	8.643,39	12.626,12
09.11.2019	04:00:00	8.999,33	8.658,11	12.490,00
09.11.2019	04:15:00	9.114,41	8.771,39	12.504,42
09.11.2019	04:30:00	9.233,87	8.904,98	12.656,90
09.11.2019	04:45:00	9.108,00	8.841,43	12.578,02
09.11.2019	05:00:00	8.998,87	8.742,79	12.659,38
09.11.2019	05:15:00	8.990,96	8.744,77	12.749,61
09.11.2019	05:30:00	8.893,40	8.654,68	12.775,75
09.11.2019	05:45:00	8.941,50	8.701,18	12.961,08
09.11.2019	06:00:00	9.079,64	8.848,33	13.179,86
09.11.2019	06:15:00	8.962,32	8.740,17	13.293,08
09.11.2019	06:30:00	9.017,66	8.828,43	13.472,37
09.11.2019	06:45:00	8.905,96	8.711,60	13.316,52
09.11.2019	07:00:00	9.002,28	8.806,09	13.587,34
09.11.2019	07:15:00	9.401,33	9.192,66	14.073,32
09.11.2019	07:30:00	9.344,34	9.140,17	14.299,68
09.11.2019	07:45:00	9.788,49	9.569,66	14.779,14
09.11.2019	08:00:00	10.108,08	9.874,84	15.123,20
09.11.2019	08:15:00	10.620,15	10.394,95	15.684,53
09.11.2019	08:30:00	10.989,08	10.726,75	16.133,52
09.11.2019	08:45:00	11.361,51	10.921,59	16.216,95
09.11.2019	09:00:00	11.577,86	11.151,94	16.443,00
09.11.2019	09:15:00	11.905,07	11.466,45	16.741,17
09.11.2019	09:30:00	12.405,45	11.757,52	17.136,66
09.11.2019	09:45:00	12.452,08	11.745,04	17.116,88
09.11.2019	10:00:00	12.810,70	12.235,41	17.473,12
09.11.2019	10:15:00	12.988,77	12.272,39	17.530,72
09.11.2019	10:30:00	13.305,17	12.375,79	17.614,34
09.11.2019	10:45:00	13.426,84	12.625,98	17.817,62
09.11.2019	11:00:00	13.538,19	12.530,60	17.596,77
09.11.2019	11:15:00	13.460,73	11.354,99	16.372,67
09.11.2019	11:30:00	13.538,13	11.424,03	16.442,38
09.11.2019	11:45:00	13.731,48	12.484,17	17.583,52
09.11.2019	12:00:00	13.819,73	12.074,44	17.075,97
09.11.2019	12:15:00	14.837,57	11.660,40	16.578,50
09.11.2019	12:30:00	15.349,05	11.453,83	16.209,35
09.11.2019	12:45:00	13.949,38	11.834,11	16.505,57
09.11.2019	13:00:00	13.800,24	11.962,47	16.712,43
09.11.2019	13:15:00	13.785,72	12.136,79	16.793,34
09.11.2019	13:30:00	13.783,28	12.114,39	16.723,42
09.11.2019	13:45:00	13.599,05	12.105,34	16.687,41
09.11.2019	14:00:00	13.061,78	11.973,24	16.603,18
09.11.2019	14:15:00	12.917,51	11.926,08	16.618,58
09.11.2019	14:30:00	12.873,78	11.978,42	16.648,74
09.11.2019	14:45:00	12.607,94	11.558,80	16.120,48
09.11.2019	15:00:00	12.612,31	11.703,37	16.362,00
09.11.2019	15:15:00	12.629,38	11.728,50	16.333,76
09.11.2019	15:30:00	12.591,28	11.751,80	16.398,07
09.11.2019	15:45:00	12.469,82	11.469,57	16.174,03
09.11.2019	16:00:00	12.190,81	11.272,33	15.975,89
09.11.2019	16:15:00	12.333,23	11.718,56	16.388,90
09.11.2019	16:30:00	12.580,85	12.049,59	16.735,71
09.11.2019	16:45:00	12.787,51	12.388,91	17.029,68
09.11.2019	17:00:00	13.235,50	12.913,00	17.559,79
09.11.2019	17:15:00	14.254,23	13.968,95	18.738,80
09.11.2019	17:30:00	15.061,22	14.775,58	19.495,10

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.11.2019	17:45:00	15.530,44	15.257,34	19.964,62
09.11.2019	18:00:00	15.700,55	15.472,60	20.229,80
09.11.2019	18:15:00	15.554,71	15.401,33	20.105,42
09.11.2019	18:30:00	15.366,82	15.250,05	19.966,72
09.11.2019	18:45:00	15.128,67	15.011,23	19.646,77
09.11.2019	19:00:00	14.920,53	14.806,28	19.432,41
09.11.2019	19:15:00	14.878,28	14.742,88	19.477,44
09.11.2019	19:30:00	14.923,87	14.804,47	19.428,98
09.11.2019	19:45:00	14.600,40	14.472,88	19.025,64
09.11.2019	20:00:00	14.317,58	14.183,92	18.669,59
09.11.2019	20:15:00	13.977,77	13.843,50	18.239,30
09.11.2019	20:30:00	13.512,43	13.367,69	17.546,54
09.11.2019	20:45:00	13.442,68	13.274,37	17.400,87
09.11.2019	21:00:00	13.241,17	12.974,82	17.102,74
09.11.2019	21:15:00	13.369,27	13.114,11	17.247,63
09.11.2019	21:30:00	14.337,98	14.091,30	18.139,21
09.11.2019	21:45:00	13.853,23	13.599,61	17.619,12
09.11.2019	22:00:00	13.444,84	13.189,21	17.172,25
09.11.2019	22:15:00	13.560,67	13.305,19	17.284,10
09.11.2019	22:30:00	13.720,70	13.435,09	17.446,93
09.11.2019	22:45:00	13.978,48	13.732,24	17.709,26
09.11.2019	23:00:00	14.074,18	13.824,25	17.816,17
09.11.2019	23:15:00	13.565,57	13.309,71	17.212,66
09.11.2019	23:30:00	13.175,31	12.916,92	16.735,85
09.11.2019	23:45:00	12.743,28	12.461,31	16.234,16
10.11.2019	00:00:00	12.200,09	11.885,63	15.611,60
10.11.2019	00:15:00	11.771,61	11.488,68	15.179,24
10.11.2019	00:30:00	11.413,78	11.141,23	14.754,96
10.11.2019	00:45:00	10.949,96	10.671,63	14.285,89
10.11.2019	01:00:00	10.579,13	10.299,05	13.869,16
10.11.2019	01:15:00	10.422,36	10.141,62	13.718,36
10.11.2019	01:30:00	10.198,76	9.916,77	13.554,26
10.11.2019	01:45:00	10.242,58	9.960,01	13.575,15
10.11.2019	02:00:00	9.882,55	9.595,49	13.182,82
10.11.2019	02:15:00	9.831,03	9.547,33	13.175,91
10.11.2019	02:30:00	9.896,27	9.610,67	13.233,48
10.11.2019	02:45:00	9.621,68	9.332,97	12.963,20
10.11.2019	03:00:00	9.571,85	9.283,68	12.921,32
10.11.2019	03:15:00	9.363,87	9.074,25	12.579,99
10.11.2019	03:30:00	9.254,46	8.961,69	12.501,44
10.11.2019	03:45:00	9.264,92	9.087,31	12.666,42
10.11.2019	04:00:00	9.397,53	9.226,20	12.960,42
10.11.2019	04:15:00	9.538,31	9.367,51	12.904,98
10.11.2019	04:30:00	9.363,25	9.189,52	12.721,86
10.11.2019	04:45:00	9.276,35	9.106,95	12.543,09
10.11.2019	05:00:00	9.201,35	9.026,88	12.474,55
10.11.2019	05:15:00	8.994,53	8.820,61	12.346,00
10.11.2019	05:30:00	8.895,02	8.728,49	12.251,71
10.11.2019	05:45:00	8.859,10	8.709,29	12.259,57
10.11.2019	06:00:00	8.840,43	8.695,79	12.331,04
10.11.2019	06:15:00	8.725,14	8.572,86	12.139,90
10.11.2019	06:30:00	8.460,39	8.199,88	11.853,36
10.11.2019	06:45:00	8.238,47	7.970,55	11.563,85
10.11.2019	07:00:00	8.200,57	7.930,53	11.515,70
10.11.2019	07:15:00	8.460,29	8.193,16	11.882,58
10.11.2019	07:30:00	8.435,92	8.180,45	11.771,86
10.11.2019	07:45:00	8.765,11	8.490,79	12.158,47
10.11.2019	08:00:00	9.200,65	8.887,73	12.694,09
10.11.2019	08:15:00	9.712,59	9.353,05	13.167,41
10.11.2019	08:30:00	9.861,22	9.428,71	13.194,58
10.11.2019	08:45:00	10.242,28	9.746,86	13.570,43
10.11.2019	09:00:00	10.623,13	10.057,04	13.846,74
10.11.2019	09:15:00	11.071,41	10.394,84	14.255,31
10.11.2019	09:30:00	11.563,99	10.775,71	14.633,76
10.11.2019	09:45:00	11.839,66	10.951,68	14.823,65
10.11.2019	10:00:00	12.219,42	11.272,67	15.062,16
10.11.2019	10:15:00	12.499,22	11.557,02	15.387,82
10.11.2019	10:30:00	12.700,06	11.655,54	15.507,50
10.11.2019	10:45:00	13.009,71	11.917,13	15.848,33
10.11.2019	11:00:00	13.308,52	12.234,03	16.121,16
10.11.2019	11:15:00	13.630,83	12.610,82	16.462,59

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.11.2019	11:30:00	14.197,40	13.138,95	16.946,82
10.11.2019	11:45:00	14.456,86	13.319,41	17.232,13
10.11.2019	12:00:00	14.534,59	13.488,55	17.329,28
10.11.2019	12:15:00	14.687,47	13.608,89	17.438,22
10.11.2019	12:30:00	15.063,35	13.980,07	17.830,34
10.11.2019	12:45:00	14.643,44	13.650,97	17.472,25
10.11.2019	13:00:00	14.388,30	13.443,81	17.287,16
10.11.2019	13:15:00	14.271,46	13.309,02	17.205,66
10.11.2019	13:30:00	14.649,72	13.786,59	17.682,08
10.11.2019	13:45:00	14.368,19	13.413,93	17.289,68
10.11.2019	14:00:00	14.343,75	13.442,62	17.334,59
10.11.2019	14:15:00	13.876,45	13.014,39	16.898,00
10.11.2019	14:30:00	13.462,44	12.634,53	16.524,23
10.11.2019	14:45:00	13.173,61	12.349,22	16.176,22
10.11.2019	15:00:00	12.626,53	11.939,75	15.761,18
10.11.2019	15:15:00	12.587,12	11.929,14	15.821,22
10.11.2019	15:30:00	12.465,65	11.874,75	15.700,00
10.11.2019	15:45:00	12.299,66	11.817,25	15.644,04
10.11.2019	16:00:00	12.377,15	11.961,53	15.937,01
10.11.2019	16:15:00	12.664,42	12.305,76	16.314,15
10.11.2019	16:30:00	12.830,94	12.523,92	16.523,88
10.11.2019	16:45:00	13.056,99	12.774,00	16.781,24
10.11.2019	17:00:00	13.588,91	13.313,08	17.366,72
10.11.2019	17:15:00	14.532,57	14.265,53	18.322,13
10.11.2019	17:30:00	14.954,63	14.691,67	18.808,66
10.11.2019	17:45:00	15.451,70	15.197,70	19.256,81
10.11.2019	18:00:00	15.652,49	15.398,17	19.344,53
10.11.2019	18:15:00	15.467,25	15.213,41	19.191,77
10.11.2019	18:30:00	15.230,75	14.973,31	19.043,49
10.11.2019	18:45:00	15.235,82	15.010,47	19.050,43
10.11.2019	19:00:00	14.961,92	14.819,14	18.820,60
10.11.2019	19:15:00	14.930,34	14.784,24	18.727,16
10.11.2019	19:30:00	14.811,86	14.662,24	18.568,76
10.11.2019	19:45:00	14.395,78	14.243,92	18.258,92
10.11.2019	20:00:00	14.199,18	14.037,81	18.094,20
10.11.2019	20:15:00	13.989,51	13.827,32	17.715,38
10.11.2019	20:30:00	13.949,33	13.783,53	17.743,48
10.11.2019	20:45:00	13.856,85	13.688,11	17.604,10
10.11.2019	21:00:00	13.561,82	13.392,45	17.307,43
10.11.2019	21:15:00	13.502,23	13.331,49	17.138,29
10.11.2019	21:30:00	14.248,97	14.085,99	17.884,18
10.11.2019	21:45:00	13.745,08	13.512,95	17.364,20
10.11.2019	22:00:00	13.381,40	13.097,99	17.013,72
10.11.2019	22:15:00	13.211,63	12.923,94	16.957,31
10.11.2019	22:30:00	12.909,75	12.618,80	16.702,42
10.11.2019	22:45:00	13.033,39	12.740,34	16.789,44
10.11.2019	23:00:00	12.967,12	12.672,53	16.727,34
10.11.2019	23:15:00	12.370,03	12.070,70	16.170,92
10.11.2019	23:30:00	11.930,66	11.627,95	15.730,38
10.11.2019	23:45:00	11.446,48	11.139,06	15.256,36
11.11.2019	00:00:00	11.139,67	10.832,27	14.950,78
11.11.2019	00:15:00	10.681,07	10.367,33	14.552,86
11.11.2019	00:30:00	10.255,18	9.935,63	14.060,38
11.11.2019	00:45:00	9.880,67	9.559,17	13.583,23
11.11.2019	01:00:00	9.688,76	9.365,35	13.389,66
11.11.2019	01:15:00	9.468,31	9.145,18	13.192,78
11.11.2019	01:30:00	9.316,60	8.989,84	12.951,97
11.11.2019	01:45:00	9.342,88	9.015,82	12.884,76
11.11.2019	02:00:00	9.203,33	8.867,38	12.781,33
11.11.2019	02:15:00	9.118,40	8.744,72	12.766,71
11.11.2019	02:30:00	9.297,66	8.920,93	12.919,22
11.11.2019	02:45:00	9.106,85	8.725,95	12.726,24
11.11.2019	03:00:00	9.326,78	8.949,09	13.023,18
11.11.2019	03:15:00	9.075,39	8.696,34	12.722,78
11.11.2019	03:30:00	9.003,30	8.626,17	12.707,65
11.11.2019	03:45:00	9.297,79	8.922,73	12.935,41
11.11.2019	04:00:00	9.388,99	9.016,70	12.991,60
11.11.2019	04:15:00	9.436,30	9.062,60	13.213,12
11.11.2019	04:30:00	9.509,63	9.138,49	13.250,36
11.11.2019	04:45:00	9.494,18	9.124,80	13.343,22
11.11.2019	05:00:00	9.606,50	9.244,01	13.676,99

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.11.2019	05:15:00	9.815,17	9.482,65	14.614,88
11.11.2019	05:30:00	9.604,92	9.361,21	14.962,19
11.11.2019	05:45:00	10.125,46	9.894,49	16.366,78
11.11.2019	06:00:00	10.459,03	10.231,20	17.500,47
11.11.2019	06:15:00	10.754,09	10.532,87	18.966,06
11.11.2019	06:30:00	10.951,02	10.756,52	19.967,38
11.11.2019	06:45:00	11.133,60	10.949,88	20.741,39
11.11.2019	07:00:00	11.570,21	11.410,31	21.840,78
11.11.2019	07:15:00	12.098,73	11.945,73	22.906,40
11.11.2019	07:30:00	11.915,32	11.752,86	22.895,26
11.11.2019	07:45:00	11.881,19	11.676,14	23.153,20
11.11.2019	08:00:00	12.002,38	11.712,77	23.849,54
11.11.2019	08:15:00	12.366,14	11.838,01	24.135,00
11.11.2019	08:30:00	12.446,02	11.951,22	24.385,99
11.11.2019	08:45:00	12.847,52	11.684,38	24.241,83
11.11.2019	09:00:00	13.103,28	11.522,77	23.872,12
11.11.2019	09:15:00	13.324,77	11.554,70	23.554,55
11.11.2019	09:30:00	12.629,78	10.931,97	22.858,23
11.11.2019	09:45:00	12.654,66	10.286,91	22.627,24
11.11.2019	10:00:00	12.663,13	10.027,10	22.540,34
11.11.2019	10:15:00	12.662,11	9.689,89	22.119,57
11.11.2019	10:30:00	12.516,80	9.244,35	21.670,10
11.11.2019	10:45:00	12.493,71	9.022,35	21.428,49
11.11.2019	11:00:00	12.573,09	8.876,36	21.479,31
11.11.2019	11:15:00	12.683,72	8.767,60	21.342,52
11.11.2019	11:30:00	12.857,35	8.766,32	21.426,74
11.11.2019	11:45:00	13.159,45	8.943,75	21.544,05
11.11.2019	12:00:00	13.352,15	8.990,49	21.315,85
11.11.2019	12:15:00	13.836,26	9.386,82	21.277,96
11.11.2019	12:30:00	14.428,73	9.945,18	21.331,12
11.11.2019	12:45:00	13.883,32	9.343,22	20.944,50
11.11.2019	13:00:00	13.706,85	9.194,49	20.933,32
11.11.2019	13:15:00	13.476,78	8.946,39	20.889,37
11.11.2019	13:30:00	13.339,46	8.867,69	20.804,56
11.11.2019	13:45:00	13.081,19	8.968,07	20.969,44
11.11.2019	14:00:00	13.106,89	9.369,82	21.503,34
11.11.2019	14:15:00	13.245,74	10.001,43	21.851,17
11.11.2019	14:30:00	12.310,20	11.033,51	22.849,62
11.11.2019	14:45:00	12.396,15	11.161,46	22.755,91
11.11.2019	15:00:00	12.330,47	11.234,30	22.637,70
11.11.2019	15:15:00	12.259,20	11.294,31	22.556,74
11.11.2019	15:30:00	12.267,43	11.507,71	22.737,55
11.11.2019	15:45:00	12.584,59	12.049,87	22.864,22
11.11.2019	16:00:00	12.906,95	12.471,06	22.888,15
11.11.2019	16:15:00	13.143,41	12.719,00	22.818,43
11.11.2019	16:30:00	13.338,93	12.967,71	22.787,31
11.11.2019	16:45:00	13.628,09	13.317,36	23.146,52
11.11.2019	17:00:00	14.124,35	13.834,65	23.429,45
11.11.2019	17:15:00	15.190,97	14.900,17	24.262,90
11.11.2019	17:30:00	15.440,97	15.142,74	24.440,14
11.11.2019	17:45:00	15.810,57	15.530,75	24.597,44
11.11.2019	18:00:00	16.016,17	15.733,22	24.571,87
11.11.2019	18:15:00	16.137,89	15.838,53	24.647,21
11.11.2019	18:30:00	16.002,16	15.709,83	24.169,38
11.11.2019	18:45:00	15.704,29	15.407,62	23.562,56
11.11.2019	19:00:00	15.579,86	15.272,54	23.369,82
11.11.2019	19:15:00	15.675,82	15.367,71	23.402,90
11.11.2019	19:30:00	15.670,63	15.365,12	23.292,93
11.11.2019	19:45:00	15.420,44	15.123,39	22.929,06
11.11.2019	20:00:00	15.151,41	14.847,00	22.580,29
11.11.2019	20:15:00	14.894,17	14.579,32	22.075,08
11.11.2019	20:30:00	14.628,45	14.299,93	21.715,80
11.11.2019	20:45:00	14.365,37	14.033,69	21.281,18
11.11.2019	21:00:00	14.042,75	13.709,86	20.909,54
11.11.2019	21:15:00	13.957,34	13.617,29	20.766,30
11.11.2019	21:30:00	14.856,73	14.525,57	21.415,53
11.11.2019	21:45:00	14.479,05	14.141,83	20.794,43
11.11.2019	22:00:00	13.987,67	13.645,78	20.068,18
11.11.2019	22:15:00	13.816,62	13.470,49	19.756,75
11.11.2019	22:30:00	13.633,36	13.285,82	19.220,98
11.11.2019	22:45:00	13.680,96	13.335,89	18.954,15

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.11.2019	23:00:00	13.485,33	13.135,69	18.761,61
11.11.2019	23:15:00	12.831,13	12.451,99	17.975,13
11.11.2019	23:30:00	12.168,79	11.764,09	17.231,40
11.11.2019	23:45:00	11.667,48	11.260,41	16.635,30
12.11.2019	00:00:00	11.084,96	10.672,25	15.916,16
12.11.2019	00:15:00	10.416,65	9.996,47	15.305,51
12.11.2019	00:30:00	10.229,86	9.819,36	15.069,89
12.11.2019	00:45:00	9.831,01	9.444,44	14.728,98
12.11.2019	01:00:00	9.388,82	8.996,94	14.357,74
12.11.2019	01:15:00	9.281,31	8.891,21	14.138,96
12.11.2019	01:30:00	8.996,52	8.602,42	13.816,44
12.11.2019	01:45:00	8.865,86	8.475,64	13.614,03
12.11.2019	02:00:00	8.901,41	8.582,35	13.602,99
12.11.2019	02:15:00	8.882,73	8.599,30	13.535,00
12.11.2019	02:30:00	8.845,26	8.563,27	13.535,28
12.11.2019	02:45:00	8.765,92	8.484,62	13.486,11
12.11.2019	03:00:00	8.899,87	8.612,42	13.684,62
12.11.2019	03:15:00	8.849,10	8.512,26	13.625,10
12.11.2019	03:30:00	8.787,66	8.453,75	13.491,41
12.11.2019	03:45:00	8.812,39	8.478,49	13.526,30
12.11.2019	04:00:00	8.798,27	8.464,01	13.510,58
12.11.2019	04:15:00	8.959,71	8.628,58	13.803,79
12.11.2019	04:30:00	8.998,19	8.633,50	13.884,08
12.11.2019	04:45:00	9.046,76	8.613,18	13.956,59
12.11.2019	05:00:00	9.254,78	8.830,77	14.453,04
12.11.2019	05:15:00	9.522,82	9.141,39	14.957,68
12.11.2019	05:30:00	9.448,75	9.081,20	15.154,25
12.11.2019	05:45:00	9.808,61	9.449,23	15.801,85
12.11.2019	06:00:00	10.017,34	9.656,78	16.738,18
12.11.2019	06:15:00	10.402,11	10.052,01	18.511,38
12.11.2019	06:30:00	10.671,21	10.332,50	19.604,83
12.11.2019	06:45:00	10.903,67	10.563,70	20.413,19
12.11.2019	07:00:00	11.377,46	11.062,56	21.529,65
12.11.2019	07:15:00	11.734,42	11.429,70	22.619,90
12.11.2019	07:30:00	11.705,58	11.394,60	23.133,44
12.11.2019	07:45:00	11.664,32	11.356,90	23.326,60
12.11.2019	08:00:00	11.889,50	11.573,68	23.921,40
12.11.2019	08:15:00	12.101,79	11.726,47	24.608,41
12.11.2019	08:30:00	12.122,24	11.796,58	24.596,64
12.11.2019	08:45:00	12.269,93	11.916,89	24.908,37
12.11.2019	09:00:00	12.587,88	12.086,99	24.719,40
12.11.2019	09:15:00	13.158,96	12.393,98	24.549,02
12.11.2019	09:30:00	12.715,71	11.772,17	23.814,44
12.11.2019	09:45:00	12.576,10	11.081,26	23.484,96
12.11.2019	10:00:00	12.536,21	10.505,57	23.116,69
12.11.2019	10:15:00	12.572,09	10.553,98	23.077,92
12.11.2019	10:30:00	12.701,65	10.615,84	23.280,14
12.11.2019	10:45:00	12.758,05	10.647,98	23.660,73
12.11.2019	11:00:00	12.874,89	10.733,96	23.842,65
12.11.2019	11:15:00	12.903,43	10.313,18	23.312,20
12.11.2019	11:30:00	13.068,44	9.876,79	22.824,78
12.11.2019	11:45:00	13.322,94	10.272,34	23.238,54
12.11.2019	12:00:00	13.288,82	10.860,22	23.588,30
12.11.2019	12:15:00	13.583,06	10.950,47	22.890,44
12.11.2019	12:30:00	13.759,80	10.255,21	21.734,90
12.11.2019	12:45:00	13.637,56	9.272,76	20.958,52
12.11.2019	13:00:00	13.170,52	9.103,63	20.855,45
12.11.2019	13:15:00	12.502,75	9.792,85	21.658,80
12.11.2019	13:30:00	12.432,84	11.054,75	23.279,70
12.11.2019	13:45:00	13.097,00	11.514,05	24.036,37
12.11.2019	14:00:00	12.796,59	11.893,27	24.274,26
12.11.2019	14:15:00	12.948,02	11.704,47	24.135,34
12.11.2019	14:30:00	12.887,42	10.273,42	22.521,30
12.11.2019	14:45:00	12.185,86	9.460,48	21.141,36
12.11.2019	15:00:00	11.606,03	10.024,75	21.427,58
12.11.2019	15:15:00	11.692,45	10.657,04	21.653,20
12.11.2019	15:30:00	12.045,73	11.198,30	21.806,87
12.11.2019	15:45:00	12.416,26	11.653,22	22.036,19
12.11.2019	16:00:00	12.450,84	11.749,86	21.874,92
12.11.2019	16:15:00	12.677,90	12.173,14	21.889,01
12.11.2019	16:30:00	12.910,97	12.503,93	22.108,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.11.2019	16:45:00	13.196,63	12.895,61	22.309,08
12.11.2019	17:00:00	13.870,48	13.601,36	22.913,18
12.11.2019	17:15:00	15.060,53	14.802,24	24.003,80
12.11.2019	17:30:00	15.587,22	15.324,90	24.489,66
12.11.2019	17:45:00	15.967,36	15.705,28	24.699,33
12.11.2019	18:00:00	16.285,25	16.064,60	24.965,33
12.11.2019	18:15:00	16.271,01	16.037,14	24.656,22
12.11.2019	18:30:00	16.160,78	15.925,34	24.179,64
12.11.2019	18:45:00	15.706,53	15.460,56	23.379,86
12.11.2019	19:00:00	15.526,18	15.266,71	23.166,89
12.11.2019	19:15:00	15.630,19	15.372,79	23.239,96
12.11.2019	19:30:00	15.804,59	15.490,06	23.260,74
12.11.2019	19:45:00	15.426,19	15.103,62	22.796,19
12.11.2019	20:00:00	14.981,74	14.641,62	22.304,60
12.11.2019	20:15:00	14.714,06	14.360,92	21.771,96
12.11.2019	20:30:00	14.783,29	14.416,54	21.657,85
12.11.2019	20:45:00	14.571,18	14.215,39	21.321,20
12.11.2019	21:00:00	14.184,47	13.847,27	20.820,78
12.11.2019	21:15:00	14.158,04	13.826,09	20.900,39
12.11.2019	21:30:00	14.805,85	14.474,53	21.370,78
12.11.2019	21:45:00	14.282,32	13.947,05	20.629,22
12.11.2019	22:00:00	13.788,21	13.452,70	19.949,99
12.11.2019	22:15:00	13.620,10	13.254,87	19.530,81
12.11.2019	22:30:00	13.361,69	13.003,19	19.000,56
12.11.2019	22:45:00	13.596,05	13.248,80	18.804,73
12.11.2019	23:00:00	13.458,51	13.110,53	18.555,08
12.11.2019	23:15:00	12.645,39	12.273,85	17.610,62
12.11.2019	23:30:00	12.264,21	11.904,37	17.181,02
12.11.2019	23:45:00	11.698,31	11.335,99	16.410,76
13.11.2019	00:00:00	11.082,92	10.696,78	15.838,06
13.11.2019	00:15:00	10.657,34	10.278,89	15.318,08
13.11.2019	00:30:00	10.267,10	9.889,51	14.894,16
13.11.2019	00:45:00	9.821,18	9.430,67	14.686,16
13.11.2019	01:00:00	9.617,59	9.201,85	14.397,61
13.11.2019	01:15:00	9.280,91	8.894,03	14.046,28
13.11.2019	01:30:00	9.011,87	8.629,59	13.734,68
13.11.2019	01:45:00	9.041,61	8.728,30	13.670,91
13.11.2019	02:00:00	8.881,22	8.599,32	13.576,32
13.11.2019	02:15:00	8.849,33	8.570,59	13.420,36
13.11.2019	02:30:00	8.945,94	8.671,37	13.447,70
13.11.2019	02:45:00	9.040,23	8.759,63	13.707,70
13.11.2019	03:00:00	9.190,55	8.911,14	13.903,89
13.11.2019	03:15:00	9.090,39	8.812,22	13.669,07
13.11.2019	03:30:00	9.078,70	8.796,18	13.798,22
13.11.2019	03:45:00	9.186,30	8.914,10	13.842,27
13.11.2019	04:00:00	9.050,72	8.733,30	13.628,60
13.11.2019	04:15:00	9.277,21	8.936,19	13.960,66
13.11.2019	04:30:00	9.386,22	8.954,00	14.017,00
13.11.2019	04:45:00	9.407,58	8.975,07	14.156,59
13.11.2019	05:00:00	9.594,75	9.180,67	14.689,34
13.11.2019	05:15:00	9.782,66	9.397,92	15.293,77
13.11.2019	05:30:00	9.694,17	9.318,58	15.328,23
13.11.2019	05:45:00	10.180,10	9.821,18	16.215,79
13.11.2019	06:00:00	10.581,84	10.257,00	17.404,86
13.11.2019	06:15:00	10.799,08	10.538,60	19.018,31
13.11.2019	06:30:00	11.110,31	10.867,15	20.188,09
13.11.2019	06:45:00	11.170,39	10.933,98	20.725,33
13.11.2019	07:00:00	11.475,50	11.255,66	21.747,60
13.11.2019	07:15:00	11.899,49	11.678,67	22.836,48
13.11.2019	07:30:00	11.926,24	11.721,72	23.201,64
13.11.2019	07:45:00	11.766,54	11.531,60	23.604,69
13.11.2019	08:00:00	11.909,67	11.610,72	24.184,90
13.11.2019	08:15:00	12.056,49	11.693,68	24.524,47
13.11.2019	08:30:00	12.227,52	11.844,73	24.902,70
13.11.2019	08:45:00	12.115,15	11.622,88	24.909,22
13.11.2019	09:00:00	12.268,50	11.314,91	24.512,68
13.11.2019	09:15:00	12.514,43	11.086,91	23.722,79
13.11.2019	09:30:00	12.547,16	10.643,49	22.899,08
13.11.2019	09:45:00	12.291,92	10.078,00	22.724,21
13.11.2019	10:00:00	12.100,84	9.525,83	22.437,98
13.11.2019	10:15:00	12.527,76	9.662,89	22.428,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.11.2019	10:30:00	12.499,88	9.310,79	21.986,69
13.11.2019	10:45:00	12.348,33	8.835,21	21.432,20
13.11.2019	11:00:00	12.497,02	8.721,64	21.431,88
13.11.2019	11:15:00	12.424,31	8.449,96	21.023,07
13.11.2019	11:30:00	12.765,63	8.577,18	21.209,25
13.11.2019	11:45:00	13.428,81	8.979,82	21.527,89
13.11.2019	12:00:00	13.424,40	8.802,70	21.170,43
13.11.2019	12:15:00	14.735,58	10.241,18	22.094,17
13.11.2019	12:30:00	15.161,81	10.390,10	21.774,20
13.11.2019	12:45:00	13.940,10	9.288,57	20.748,34
13.11.2019	13:00:00	13.375,68	9.091,06	20.937,86
13.11.2019	13:15:00	13.511,47	8.919,59	20.701,95
13.11.2019	13:30:00	13.927,71	9.303,03	21.238,24
13.11.2019	13:45:00	12.352,01	10.609,51	22.796,90
13.11.2019	14:00:00	12.662,52	11.303,97	23.699,28
13.11.2019	14:15:00	12.653,84	11.842,85	24.180,54
13.11.2019	14:30:00	12.683,03	12.070,19	24.202,36
13.11.2019	14:45:00	12.763,17	12.217,40	24.062,75
13.11.2019	15:00:00	12.735,40	12.226,72	23.956,87
13.11.2019	15:15:00	12.896,00	12.418,26	23.879,37
13.11.2019	15:30:00	12.938,51	12.513,32	23.710,44
13.11.2019	15:45:00	13.101,42	12.681,36	23.236,53
13.11.2019	16:00:00	13.183,60	12.852,01	23.153,99
13.11.2019	16:15:00	13.310,38	12.993,65	23.094,40
13.11.2019	16:30:00	13.363,20	13.046,13	22.789,15
13.11.2019	16:45:00	13.704,62	13.464,91	23.074,08
13.11.2019	17:00:00	14.163,91	13.960,65	23.286,32
13.11.2019	17:15:00	15.211,65	15.018,41	24.156,72
13.11.2019	17:30:00	15.658,62	15.464,04	24.496,00
13.11.2019	17:45:00	15.944,07	15.754,38	24.607,89
13.11.2019	18:00:00	16.137,23	15.945,95	24.664,92
13.11.2019	18:15:00	16.117,46	15.916,55	24.383,90
13.11.2019	18:30:00	16.005,75	15.816,29	24.006,22
13.11.2019	18:45:00	15.819,37	15.636,21	23.528,39
13.11.2019	19:00:00	15.533,38	15.361,48	23.198,50
13.11.2019	19:15:00	15.661,75	15.481,52	23.267,68
13.11.2019	19:30:00	15.691,01	15.430,46	23.155,56
13.11.2019	19:45:00	15.194,50	14.916,92	22.481,27
13.11.2019	20:00:00	14.975,11	14.686,56	22.214,78
13.11.2019	20:15:00	14.692,30	14.387,79	21.575,79
13.11.2019	20:30:00	14.513,37	14.203,85	21.250,61
13.11.2019	20:45:00	14.373,73	14.054,46	21.029,23
13.11.2019	21:00:00	13.923,38	13.594,02	20.534,48
13.11.2019	21:15:00	13.896,21	13.566,38	20.468,12
13.11.2019	21:30:00	14.510,85	14.145,94	21.006,59
13.11.2019	21:45:00	14.106,98	13.777,27	20.536,66
13.11.2019	22:00:00	13.645,26	13.305,54	19.834,04
13.11.2019	22:15:00	13.365,48	13.022,49	19.330,98
13.11.2019	22:30:00	13.167,58	12.815,71	18.953,26
13.11.2019	22:45:00	13.451,49	13.100,63	18.776,89
13.11.2019	23:00:00	13.591,84	13.241,05	18.813,08
13.11.2019	23:15:00	12.912,34	12.554,75	18.036,71
13.11.2019	23:30:00	12.462,18	12.102,01	17.435,17
13.11.2019	23:45:00	11.957,99	11.591,74	16.771,39
14.11.2019	00:00:00	11.536,86	11.167,72	16.356,63
14.11.2019	00:15:00	10.936,60	10.564,06	15.685,98
14.11.2019	00:30:00	10.619,86	10.248,41	15.319,18
14.11.2019	00:45:00	10.335,76	9.958,74	15.074,77
14.11.2019	01:00:00	10.019,99	9.639,35	14.831,62
14.11.2019	01:15:00	9.818,00	9.504,51	14.752,39
14.11.2019	01:30:00	9.810,87	9.541,71	14.672,23
14.11.2019	01:45:00	9.646,25	9.375,09	14.534,12
14.11.2019	02:00:00	9.678,74	9.404,48	14.539,26
14.11.2019	02:15:00	9.643,77	9.370,53	14.375,10
14.11.2019	02:30:00	9.673,33	9.404,01	14.404,89
14.11.2019	02:45:00	9.783,97	9.513,01	14.457,76
14.11.2019	03:00:00	9.670,22	9.396,16	14.411,48
14.11.2019	03:15:00	9.485,52	9.157,43	14.179,11
14.11.2019	03:30:00	9.569,35	9.246,30	14.302,24
14.11.2019	03:45:00	9.622,85	9.303,47	14.372,24
14.11.2019	04:00:00	9.728,80	9.392,70	14.418,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.11.2019	04:15:00	9.862,89	9.429,02	14.505,80
14.11.2019	04:30:00	9.913,05	9.488,92	14.652,90
14.11.2019	04:45:00	9.882,49	9.470,37	14.767,68
14.11.2019	05:00:00	10.050,58	9.642,13	15.170,74
14.11.2019	05:15:00	10.291,03	9.894,71	15.729,52
14.11.2019	05:30:00	10.097,09	9.721,20	15.918,74
14.11.2019	05:45:00	10.501,47	10.138,23	16.590,50
14.11.2019	06:00:00	10.896,27	10.547,52	17.714,06
14.11.2019	06:15:00	11.265,05	10.930,06	19.404,10
14.11.2019	06:30:00	11.357,16	11.027,59	20.160,76
14.11.2019	06:45:00	11.445,92	11.122,07	20.710,75
14.11.2019	07:00:00	11.904,03	11.597,83	22.014,24
14.11.2019	07:15:00	12.521,44	12.233,13	22.952,96
14.11.2019	07:30:00	12.257,74	11.962,54	23.151,55
14.11.2019	07:45:00	12.098,41	11.763,94	23.598,56
14.11.2019	08:00:00	12.102,19	11.705,61	23.923,04
14.11.2019	08:15:00	12.353,74	11.930,01	24.331,02
14.11.2019	08:30:00	12.513,97	12.034,41	24.859,57
14.11.2019	08:45:00	12.634,82	12.085,87	24.869,96
14.11.2019	09:00:00	12.855,01	12.196,78	25.008,57
14.11.2019	09:15:00	13.486,46	12.835,42	25.090,26
14.11.2019	09:30:00	13.520,50	12.816,79	25.115,32
14.11.2019	09:45:00	13.398,15	12.542,63	25.140,09
14.11.2019	10:00:00	13.432,41	12.309,67	24.768,00
14.11.2019	10:15:00	13.444,15	12.131,75	24.677,84
14.11.2019	10:30:00	13.428,04	12.203,80	24.768,14
14.11.2019	10:45:00	13.136,35	10.083,84	22.689,80
14.11.2019	11:00:00	12.708,89	8.678,34	21.213,41
14.11.2019	11:15:00	12.786,58	8.603,33	21.157,85
14.11.2019	11:30:00	12.978,93	8.590,25	21.198,78
14.11.2019	11:45:00	13.252,89	8.769,87	21.091,65
14.11.2019	12:00:00	13.139,52	8.963,61	21.259,09
14.11.2019	12:15:00	13.766,68	10.157,52	22.146,54
14.11.2019	12:30:00	13.823,75	11.684,55	23.291,64
14.11.2019	12:45:00	13.781,19	11.241,58	22.717,99
14.11.2019	13:00:00	13.543,28	9.114,76	20.630,18
14.11.2019	13:15:00	13.360,81	9.765,63	21.729,36
14.11.2019	13:30:00	13.355,84	8.920,07	20.995,26
14.11.2019	13:45:00	13.261,48	8.872,00	20.911,90
14.11.2019	14:00:00	13.271,35	9.267,85	21.270,76
14.11.2019	14:15:00	12.620,62	10.395,31	22.323,25
14.11.2019	14:30:00	12.455,52	9.979,45	21.726,81
14.11.2019	14:45:00	12.185,46	10.786,52	22.321,07
14.11.2019	15:00:00	12.080,87	10.825,63	22.372,18
14.11.2019	15:15:00	12.333,45	11.491,20	22.756,56
14.11.2019	15:30:00	12.513,46	11.880,53	22.953,34
14.11.2019	15:45:00	12.603,01	12.053,30	22.647,96
14.11.2019	16:00:00	12.461,23	12.057,97	22.462,98
14.11.2019	16:15:00	12.912,88	12.663,77	22.935,16
14.11.2019	16:30:00	13.343,32	13.179,10	23.014,56
14.11.2019	16:45:00	13.704,14	13.630,96	23.322,45
14.11.2019	17:00:00	14.167,31	14.141,06	23.709,75
14.11.2019	17:15:00	15.369,40	15.348,97	24.679,54
14.11.2019	17:30:00	15.744,36	15.688,19	24.711,18
14.11.2019	17:45:00	16.074,32	16.064,16	24.962,13
14.11.2019	18:00:00	16.343,48	16.283,54	24.936,18
14.11.2019	18:15:00	16.262,72	16.196,55	24.688,20
14.11.2019	18:30:00	16.036,13	15.954,88	24.227,68
14.11.2019	18:45:00	15.785,13	15.689,17	23.704,05
14.11.2019	19:00:00	15.715,27	15.607,30	23.479,37
14.11.2019	19:15:00	15.705,71	15.602,61	23.474,04
14.11.2019	19:30:00	15.666,36	15.544,62	23.317,27
14.11.2019	19:45:00	15.430,85	15.305,77	23.112,40
14.11.2019	20:00:00	14.976,94	14.833,78	22.568,53
14.11.2019	20:15:00	14.433,24	14.269,35	21.689,06
14.11.2019	20:30:00	14.436,01	14.263,80	21.625,66
14.11.2019	20:45:00	14.395,42	14.214,71	21.547,09
14.11.2019	21:00:00	13.976,11	13.790,65	21.024,20
14.11.2019	21:15:00	13.921,51	13.732,72	20.737,05
14.11.2019	21:30:00	14.723,87	14.542,49	21.369,61
14.11.2019	21:45:00	14.153,91	13.964,74	20.503,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.11.2019	22:00:00	13.837,07	13.646,05	19.880,81
14.11.2019	22:15:00	13.581,71	13.386,48	19.428,39
14.11.2019	22:30:00	13.207,10	13.006,29	18.843,40
14.11.2019	22:45:00	13.651,81	13.455,24	18.919,57
14.11.2019	23:00:00	13.655,50	13.457,00	18.850,98
14.11.2019	23:15:00	13.065,14	12.860,48	18.258,95
14.11.2019	23:30:00	12.326,05	12.115,16	17.502,67
14.11.2019	23:45:00	11.810,41	11.594,40	16.883,36
15.11.2019	00:00:00	11.323,70	11.105,51	16.326,35
15.11.2019	00:15:00	10.910,38	10.688,95	15.866,73
15.11.2019	00:30:00	10.622,18	10.396,92	15.610,02
15.11.2019	00:45:00	10.228,56	10.109,84	15.238,60
15.11.2019	01:00:00	9.919,76	9.798,09	14.860,54
15.11.2019	01:15:00	9.565,61	9.442,14	14.568,51
15.11.2019	01:30:00	9.579,23	9.456,76	14.545,00
15.11.2019	01:45:00	9.379,26	9.254,06	14.322,59
15.11.2019	02:00:00	9.290,93	9.165,94	14.158,02
15.11.2019	02:15:00	9.310,52	9.186,65	14.146,86
15.11.2019	02:30:00	9.355,74	9.230,44	14.185,07
15.11.2019	02:45:00	9.317,22	9.192,29	14.118,58
15.11.2019	03:00:00	9.236,41	9.087,04	14.121,73
15.11.2019	03:15:00	9.197,08	9.022,08	13.946,90
15.11.2019	03:30:00	9.130,35	8.954,71	13.884,98
15.11.2019	03:45:00	9.206,65	9.031,45	13.960,90
15.11.2019	04:00:00	9.390,01	9.121,43	14.015,69
15.11.2019	04:15:00	9.612,64	9.335,25	14.359,78
15.11.2019	04:30:00	9.592,02	9.314,00	14.353,80
15.11.2019	04:45:00	9.869,98	9.593,12	14.623,90
15.11.2019	05:00:00	9.939,91	9.674,05	14.992,02
15.11.2019	05:15:00	10.165,14	9.926,86	15.659,06
15.11.2019	05:30:00	9.982,65	9.796,97	15.693,86
15.11.2019	05:45:00	10.196,38	10.065,72	16.396,84
15.11.2019	06:00:00	10.566,55	10.446,45	17.536,42
15.11.2019	06:15:00	10.941,59	10.838,97	19.240,09
15.11.2019	06:30:00	10.940,24	10.852,23	20.003,87
15.11.2019	06:45:00	11.162,28	11.069,01	20.682,04
15.11.2019	07:00:00	11.527,82	11.460,40	21.739,34
15.11.2019	07:15:00	12.252,16	12.187,98	22.985,22
15.11.2019	07:30:00	12.249,30	12.178,18	23.606,35
15.11.2019	07:45:00	12.134,59	12.073,50	23.765,80
15.11.2019	08:00:00	12.187,64	12.044,93	24.302,84
15.11.2019	08:15:00	12.400,83	12.196,53	24.489,23
15.11.2019	08:30:00	12.541,23	12.243,93	24.548,86
15.11.2019	08:45:00	12.486,13	12.140,47	24.807,43
15.11.2019	09:00:00	12.898,98	12.561,30	25.250,70
15.11.2019	09:15:00	13.670,20	13.294,43	25.299,28
15.11.2019	09:30:00	13.630,18	13.244,84	25.254,14
15.11.2019	09:45:00	13.824,87	13.383,82	25.742,28
15.11.2019	10:00:00	13.782,44	13.276,12	25.846,50
15.11.2019	10:15:00	13.832,88	13.168,55	25.659,82
15.11.2019	10:30:00	13.812,88	13.154,84	25.721,30
15.11.2019	10:45:00	13.790,12	13.340,60	25.995,88
15.11.2019	11:00:00	13.822,84	13.269,30	25.983,76
15.11.2019	11:15:00	13.823,66	13.247,94	25.755,82
15.11.2019	11:30:00	14.131,61	13.456,78	25.664,66
15.11.2019	11:45:00	14.276,51	13.548,90	25.924,86
15.11.2019	12:00:00	14.486,52	13.809,19	25.950,55
15.11.2019	12:15:00	14.812,74	14.119,68	25.636,75
15.11.2019	12:30:00	15.170,54	14.561,17	25.588,44
15.11.2019	12:45:00	15.086,01	14.632,00	25.677,02
15.11.2019	13:00:00	14.771,47	14.265,33	25.403,77
15.11.2019	13:15:00	14.459,50	13.749,07	24.698,66
15.11.2019	13:30:00	14.322,48	13.153,13	23.930,36
15.11.2019	13:45:00	13.767,71	12.815,06	23.369,61
15.11.2019	14:00:00	13.629,38	12.861,90	23.368,14
15.11.2019	14:15:00	13.464,90	12.216,72	22.629,00
15.11.2019	14:30:00	13.180,59	12.553,98	22.776,33
15.11.2019	14:45:00	13.218,16	12.735,15	22.940,08
15.11.2019	15:00:00	13.313,21	12.895,54	22.968,91
15.11.2019	15:15:00	13.379,71	13.002,05	22.939,74
15.11.2019	15:30:00	13.627,48	13.315,80	22.912,84

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.11.2019	15:45:00	13.496,60	13.197,17	22.591,74
15.11.2019	16:00:00	13.646,65	13.426,04	22.893,88
15.11.2019	16:15:00	13.914,20	13.735,28	22.798,99
15.11.2019	16:30:00	14.086,02	13.926,26	22.920,94
15.11.2019	16:45:00	14.380,21	14.225,12	23.141,91
15.11.2019	17:00:00	14.864,09	14.714,60	23.390,58
15.11.2019	17:15:00	15.739,84	15.592,50	23.959,44
15.11.2019	17:30:00	16.073,08	15.943,39	24.149,36
15.11.2019	17:45:00	16.243,76	16.095,15	24.299,66
15.11.2019	18:00:00	16.201,37	16.059,79	24.172,98
15.11.2019	18:15:00	16.173,83	16.036,26	23.910,90
15.11.2019	18:30:00	16.045,00	15.913,57	23.452,45
15.11.2019	18:45:00	15.754,61	15.635,29	23.083,15
15.11.2019	19:00:00	15.630,91	15.502,17	22.828,09
15.11.2019	19:15:00	15.667,90	15.494,73	22.689,82
15.11.2019	19:30:00	15.714,77	15.561,61	22.600,79
15.11.2019	19:45:00	15.296,37	15.113,87	21.865,74
15.11.2019	20:00:00	15.039,30	14.840,77	21.563,23
15.11.2019	20:15:00	14.606,25	14.398,99	20.919,06
15.11.2019	20:30:00	14.261,06	14.075,22	20.399,54
15.11.2019	20:45:00	14.019,30	13.812,48	19.950,11
15.11.2019	21:00:00	13.743,69	13.555,24	19.524,12
15.11.2019	21:15:00	13.743,82	13.552,85	19.391,83
15.11.2019	21:30:00	14.689,49	14.494,37	20.279,98
15.11.2019	21:45:00	14.175,40	13.983,80	19.669,76
15.11.2019	22:00:00	13.962,48	13.770,38	19.315,87
15.11.2019	22:15:00	13.901,76	13.711,23	19.104,64
15.11.2019	22:30:00	14.133,32	13.942,46	19.191,88
15.11.2019	22:45:00	14.320,28	14.129,15	19.063,53
15.11.2019	23:00:00	14.448,36	14.256,41	19.005,42
15.11.2019	23:15:00	13.829,14	13.618,00	18.289,16
15.11.2019	23:30:00	13.278,49	13.078,30	17.704,54
15.11.2019	23:45:00	12.884,44	12.680,21	17.165,86
16.11.2019	00:00:00	12.311,33	12.101,36	16.650,48
16.11.2019	00:15:00	11.819,03	11.561,68	16.043,36
16.11.2019	00:30:00	11.217,67	10.981,24	15.549,65
16.11.2019	00:45:00	10.688,29	10.463,15	14.919,59
16.11.2019	01:00:00	10.255,67	10.028,21	14.546,25
16.11.2019	01:15:00	9.705,68	9.474,77	14.015,42
16.11.2019	01:30:00	9.574,41	9.340,55	13.706,10
16.11.2019	01:45:00	9.485,93	9.320,64	13.650,47
16.11.2019	02:00:00	9.367,15	9.232,32	13.637,94
16.11.2019	02:15:00	9.153,95	9.030,36	13.311,80
16.11.2019	02:30:00	9.229,01	9.102,24	13.326,94
16.11.2019	02:45:00	9.165,50	9.037,94	13.177,82
16.11.2019	03:00:00	9.150,18	9.024,63	13.219,60
16.11.2019	03:15:00	9.047,50	8.919,18	13.001,60
16.11.2019	03:30:00	9.183,53	9.054,74	13.105,34
16.11.2019	03:45:00	9.287,54	9.158,60	13.161,89
16.11.2019	04:00:00	9.278,48	9.151,41	13.182,79
16.11.2019	04:15:00	9.576,05	9.449,32	13.424,94
16.11.2019	04:30:00	9.659,40	9.532,67	13.417,24
16.11.2019	04:45:00	9.539,96	9.415,05	13.374,74
16.11.2019	05:00:00	9.662,36	9.486,20	13.505,70
16.11.2019	05:15:00	9.622,28	9.371,81	13.529,76
16.11.2019	05:30:00	9.279,37	9.069,33	13.405,14
16.11.2019	05:45:00	9.423,55	9.217,39	13.540,85
16.11.2019	06:00:00	9.523,93	9.323,72	13.808,91
16.11.2019	06:15:00	9.540,01	9.355,52	14.084,56
16.11.2019	06:30:00	9.511,20	9.356,02	14.110,41
16.11.2019	06:45:00	9.234,57	9.069,32	13.813,29
16.11.2019	07:00:00	9.290,36	9.122,72	14.019,61
16.11.2019	07:15:00	9.840,14	9.669,56	14.813,69
16.11.2019	07:30:00	10.069,61	9.892,51	15.366,38
16.11.2019	07:45:00	10.235,41	10.059,28	15.678,40
16.11.2019	08:00:00	10.719,94	10.537,43	16.189,04
16.11.2019	08:15:00	11.152,38	10.968,57	16.651,44
16.11.2019	08:30:00	11.324,35	11.094,65	16.805,01
16.11.2019	08:45:00	11.831,84	11.569,73	17.248,40
16.11.2019	09:00:00	12.298,89	12.030,38	17.594,71
16.11.2019	09:15:00	12.887,87	12.636,07	18.157,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.11.2019	09:30:00	13.002,52	12.607,71	18.092,97
16.11.2019	09:45:00	13.233,69	12.678,71	18.236,88
16.11.2019	10:00:00	13.278,39	12.663,69	18.200,18
16.11.2019	10:15:00	13.583,81	12.944,96	18.447,63
16.11.2019	10:30:00	13.626,53	12.908,60	18.411,41
16.11.2019	10:45:00	13.520,80	12.467,38	17.961,44
16.11.2019	11:00:00	13.697,63	12.716,30	18.252,57
16.11.2019	11:15:00	14.063,34	13.127,41	18.619,08
16.11.2019	11:30:00	14.234,63	13.235,39	18.603,98
16.11.2019	11:45:00	14.599,59	13.924,82	19.387,56
16.11.2019	12:00:00	14.640,58	13.782,71	19.195,36
16.11.2019	12:15:00	14.992,96	12.848,07	18.013,77
16.11.2019	12:30:00	14.636,08	12.742,46	17.610,35
16.11.2019	12:45:00	14.619,90	13.020,32	17.829,88
16.11.2019	13:00:00	14.226,59	13.055,47	17.864,79
16.11.2019	13:15:00	14.155,86	13.509,19	18.372,64
16.11.2019	13:30:00	14.880,75	14.122,15	18.952,66
16.11.2019	13:45:00	14.637,29	14.040,45	18.872,31
16.11.2019	14:00:00	14.584,42	13.825,56	18.700,66
16.11.2019	14:15:00	14.096,47	13.241,97	18.089,75
16.11.2019	14:30:00	13.695,61	12.900,65	17.677,06
16.11.2019	14:45:00	13.385,08	12.281,09	17.022,50
16.11.2019	15:00:00	13.226,67	12.370,83	17.162,10
16.11.2019	15:15:00	12.880,23	12.020,76	16.767,48
16.11.2019	15:30:00	12.791,43	12.159,46	16.860,90
16.11.2019	15:45:00	12.753,07	12.290,11	16.951,68
16.11.2019	16:00:00	12.795,35	12.480,07	17.067,47
16.11.2019	16:15:00	12.784,11	12.444,19	17.065,60
16.11.2019	16:30:00	13.018,28	12.741,71	17.344,85
16.11.2019	16:45:00	13.345,08	13.147,22	17.793,91
16.11.2019	17:00:00	14.088,72	13.893,89	18.556,27
16.11.2019	17:15:00	15.135,08	14.938,83	19.610,77
16.11.2019	17:30:00	15.311,54	15.139,42	19.911,43
16.11.2019	17:45:00	15.570,90	15.399,12	20.174,45
16.11.2019	18:00:00	15.830,68	15.662,13	20.540,44
16.11.2019	18:15:00	15.636,53	15.467,23	20.299,85
16.11.2019	18:30:00	15.308,06	15.133,71	19.929,22
16.11.2019	18:45:00	15.129,38	14.959,32	19.654,35
16.11.2019	19:00:00	15.087,24	14.917,64	19.649,01
16.11.2019	19:15:00	15.118,01	14.942,00	19.691,72
16.11.2019	19:30:00	15.089,21	14.914,61	19.567,00
16.11.2019	19:45:00	14.679,09	14.503,24	19.006,32
16.11.2019	20:00:00	14.277,94	14.093,22	18.560,62
16.11.2019	20:15:00	14.099,68	13.909,35	18.294,20
16.11.2019	20:30:00	13.824,07	13.602,93	17.845,41
16.11.2019	20:45:00	13.790,74	13.557,88	17.807,94
16.11.2019	21:00:00	13.380,87	13.144,59	17.379,30
16.11.2019	21:15:00	13.437,72	13.200,09	17.413,44
16.11.2019	21:30:00	14.412,75	14.177,69	18.301,47
16.11.2019	21:45:00	14.158,29	13.943,48	18.097,04
16.11.2019	22:00:00	13.778,13	13.555,50	17.742,22
16.11.2019	22:15:00	13.927,33	13.712,94	17.895,24
16.11.2019	22:30:00	14.204,68	14.124,69	18.197,26
16.11.2019	22:45:00	14.545,62	14.446,97	18.491,67
16.11.2019	23:00:00	14.661,18	14.581,64	18.564,44
16.11.2019	23:15:00	14.038,53	13.951,42	17.841,28
16.11.2019	23:30:00	13.511,62	13.420,20	17.249,04
16.11.2019	23:45:00	12.979,19	12.844,87	16.514,38
17.11.2019	00:00:00	12.288,46	12.186,64	15.828,16
17.11.2019	00:15:00	11.804,74	11.699,43	15.307,56
17.11.2019	00:30:00	11.498,14	11.387,62	14.986,41
17.11.2019	00:45:00	11.047,86	10.934,74	14.531,84
17.11.2019	01:00:00	10.854,40	10.741,29	14.302,63
17.11.2019	01:15:00	10.532,34	10.416,52	14.035,30
17.11.2019	01:30:00	10.137,68	10.020,59	13.714,46
17.11.2019	01:45:00	10.022,53	9.903,70	13.561,67
17.11.2019	02:00:00	9.887,83	9.719,34	13.351,52
17.11.2019	02:15:00	9.805,41	9.575,64	13.195,89
17.11.2019	02:30:00	9.747,80	9.513,03	13.075,95
17.11.2019	02:45:00	9.585,07	9.350,48	12.876,62
17.11.2019	03:00:00	9.388,20	9.151,38	12.652,99

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.11.2019	03:15:00	9.148,44	8.913,03	12.411,23
17.11.2019	03:30:00	9.201,19	8.922,54	12.379,44
17.11.2019	03:45:00	9.250,49	8.961,34	12.442,95
17.11.2019	04:00:00	9.272,90	8.985,97	12.417,69
17.11.2019	04:15:00	9.324,12	9.049,14	12.512,34
17.11.2019	04:30:00	9.363,05	9.163,19	12.618,51
17.11.2019	04:45:00	9.126,41	8.915,85	12.436,54
17.11.2019	05:00:00	9.163,55	8.965,56	12.535,60
17.11.2019	05:15:00	9.152,92	8.954,47	12.601,92
17.11.2019	05:30:00	8.881,48	8.685,74	12.249,19
17.11.2019	05:45:00	8.875,20	8.696,29	12.336,02
17.11.2019	06:00:00	8.917,47	8.759,76	12.347,53
17.11.2019	06:15:00	8.641,95	8.501,67	12.110,83
17.11.2019	06:30:00	8.327,54	8.184,69	11.869,18
17.11.2019	06:45:00	8.195,65	8.052,94	11.672,06
17.11.2019	07:00:00	8.113,78	7.969,64	11.668,98
17.11.2019	07:15:00	8.473,77	8.293,55	11.998,85
17.11.2019	07:30:00	8.788,99	8.654,09	12.316,70
17.11.2019	07:45:00	9.188,06	9.021,61	12.894,18
17.11.2019	08:00:00	9.196,59	9.041,59	12.814,12
17.11.2019	08:15:00	9.596,60	9.456,44	13.265,08
17.11.2019	08:30:00	9.892,28	9.708,98	13.559,65
17.11.2019	08:45:00	10.392,13	10.175,23	14.012,58
17.11.2019	09:00:00	10.851,67	10.624,53	14.414,79
17.11.2019	09:15:00	11.288,80	11.033,71	14.922,11
17.11.2019	09:30:00	11.771,85	11.532,40	15.455,66
17.11.2019	09:45:00	12.161,97	11.932,64	15.793,31
17.11.2019	10:00:00	12.528,55	12.286,19	16.165,20
17.11.2019	10:15:00	12.805,87	12.560,36	16.550,49
17.11.2019	10:30:00	13.381,00	13.168,72	17.180,26
17.11.2019	10:45:00	13.530,40	13.273,27	17.224,52
17.11.2019	11:00:00	13.722,67	13.485,23	17.472,02
17.11.2019	11:15:00	14.290,86	14.053,89	18.033,24
17.11.2019	11:30:00	14.829,43	14.531,89	18.465,64
17.11.2019	11:45:00	15.092,31	14.919,94	18.914,87
17.11.2019	12:00:00	15.219,83	15.119,25	19.108,77
17.11.2019	12:15:00	15.273,01	15.147,33	19.215,96
17.11.2019	12:30:00	15.697,93	15.576,24	19.479,56
17.11.2019	12:45:00	15.465,13	15.345,19	19.347,68
17.11.2019	13:00:00	15.153,72	14.981,41	18.996,35
17.11.2019	13:15:00	15.286,07	15.159,70	19.101,92
17.11.2019	13:30:00	15.672,16	15.504,50	19.399,36
17.11.2019	13:45:00	15.292,75	15.089,12	18.960,65
17.11.2019	14:00:00	14.817,20	14.595,22	18.495,36
17.11.2019	14:15:00	14.493,61	14.268,43	18.284,48
17.11.2019	14:30:00	14.185,61	13.896,03	17.858,38
17.11.2019	14:45:00	14.037,19	13.716,00	17.726,84
17.11.2019	15:00:00	13.855,15	13.570,44	17.535,06
17.11.2019	15:15:00	13.646,96	13.371,73	17.296,96
17.11.2019	15:30:00	13.472,79	13.198,81	17.253,95
17.11.2019	15:45:00	13.475,37	13.236,43	17.303,63
17.11.2019	16:00:00	13.374,32	13.168,69	17.271,68
17.11.2019	16:15:00	13.249,63	13.058,98	17.217,51
17.11.2019	16:30:00	13.425,83	13.235,39	17.326,96
17.11.2019	16:45:00	13.835,45	13.652,83	17.760,72
17.11.2019	17:00:00	14.736,58	14.565,58	18.698,69
17.11.2019	17:15:00	15.090,73	14.921,46	19.042,82
17.11.2019	17:30:00	15.369,31	15.203,10	19.354,96
17.11.2019	17:45:00	15.613,70	15.398,89	19.500,00
17.11.2019	18:00:00	15.341,14	15.130,29	19.170,57
17.11.2019	18:15:00	15.290,23	15.079,38	19.122,54
17.11.2019	18:30:00	15.036,42	14.826,95	18.831,56
17.11.2019	18:45:00	14.914,36	14.708,31	18.687,11
17.11.2019	19:00:00	14.735,40	14.559,86	18.607,31
17.11.2019	19:15:00	14.663,88	14.481,34	18.610,73
17.11.2019	19:30:00	14.827,58	14.645,65	18.659,34
17.11.2019	19:45:00	14.370,94	14.189,57	18.176,55
17.11.2019	20:00:00	14.237,35	14.051,78	18.041,68
17.11.2019	20:15:00	14.110,63	13.908,50	17.841,75
17.11.2019	20:30:00	13.951,43	13.750,83	17.600,56
17.11.2019	20:45:00	13.743,98	13.548,96	17.406,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.11.2019	21:00:00	13.572,27	13.374,48	17.204,52
17.11.2019	21:15:00	13.296,73	13.051,86	16.825,16
17.11.2019	21:30:00	14.053,36	13.820,62	17.579,28
17.11.2019	21:45:00	13.666,84	13.421,14	17.243,07
17.11.2019	22:00:00	13.370,72	13.120,30	17.139,18
17.11.2019	22:15:00	13.413,12	13.194,43	17.233,57
17.11.2019	22:30:00	13.191,35	13.047,17	17.131,68
17.11.2019	22:45:00	13.336,28	13.193,67	17.416,97
17.11.2019	23:00:00	13.171,75	13.025,85	17.260,84
17.11.2019	23:15:00	12.524,30	12.373,38	16.564,07
17.11.2019	23:30:00	11.924,29	11.768,21	15.900,15
17.11.2019	23:45:00	11.331,32	11.170,20	15.330,66
18.11.2019	00:00:00	11.003,02	10.838,54	14.942,63
18.11.2019	00:15:00	10.571,38	10.404,97	14.505,21
18.11.2019	00:30:00	10.228,59	10.057,71	14.092,22
18.11.2019	00:45:00	9.902,68	9.730,56	13.696,29
18.11.2019	01:00:00	9.485,55	9.308,02	13.367,00
18.11.2019	01:15:00	9.258,74	9.079,99	13.238,60
18.11.2019	01:30:00	9.030,34	8.852,29	13.043,57
18.11.2019	01:45:00	8.928,63	8.691,63	12.806,54
18.11.2019	02:00:00	8.857,17	8.566,28	12.702,59
18.11.2019	02:15:00	8.994,63	8.705,39	12.875,59
18.11.2019	02:30:00	9.031,99	8.744,27	12.858,45
18.11.2019	02:45:00	9.162,73	8.872,49	13.033,38
18.11.2019	03:00:00	9.234,16	8.943,69	13.232,69
18.11.2019	03:15:00	9.229,41	8.941,46	13.209,14
18.11.2019	03:30:00	9.277,53	8.990,74	13.187,03
18.11.2019	03:45:00	9.343,71	9.055,57	13.118,69
18.11.2019	04:00:00	9.265,03	8.979,54	13.084,84
18.11.2019	04:15:00	9.333,89	9.049,56	13.236,34
18.11.2019	04:30:00	9.526,53	9.241,62	13.471,46
18.11.2019	04:45:00	9.620,72	9.338,99	13.653,46
18.11.2019	05:00:00	9.928,81	9.653,16	14.468,46
18.11.2019	05:15:00	10.346,86	10.099,42	15.652,23
18.11.2019	05:30:00	9.944,19	9.707,98	15.342,79
18.11.2019	05:45:00	10.356,60	10.128,95	16.359,27
18.11.2019	06:00:00	10.618,63	10.397,24	17.158,31
18.11.2019	06:15:00	10.833,55	10.620,80	18.703,13
18.11.2019	06:30:00	10.985,68	10.805,83	20.010,19
18.11.2019	06:45:00	11.266,02	11.092,92	20.693,11
18.11.2019	07:00:00	11.444,89	11.285,90	21.502,12
18.11.2019	07:15:00	12.131,14	11.980,89	22.790,43
18.11.2019	07:30:00	12.244,49	12.097,83	23.422,12
18.11.2019	07:45:00	11.858,57	11.696,50	23.477,11
18.11.2019	08:00:00	12.267,45	12.060,39	24.363,72
18.11.2019	08:15:00	12.469,20	12.207,60	24.678,02
18.11.2019	08:30:00	12.515,95	12.099,51	24.839,80
18.11.2019	08:45:00	12.184,97	11.613,49	24.477,98
18.11.2019	09:00:00	12.243,96	11.281,95	24.087,15
18.11.2019	09:15:00	12.606,23	11.265,96	23.255,86
18.11.2019	09:30:00	12.709,83	11.035,12	22.907,70
18.11.2019	09:45:00	12.744,06	10.764,41	23.231,86
18.11.2019	10:00:00	12.549,80	10.985,00	23.697,70
18.11.2019	10:15:00	12.950,56	10.541,41	23.325,41
18.11.2019	10:30:00	12.677,23	11.828,47	24.865,89
18.11.2019	10:45:00	12.545,25	11.774,54	24.897,74
18.11.2019	11:00:00	12.344,71	10.695,01	23.812,71
18.11.2019	11:15:00	12.707,49	9.602,48	22.388,25
18.11.2019	11:30:00	13.012,37	9.327,77	22.413,50
18.11.2019	11:45:00	13.286,61	11.234,38	24.121,44
18.11.2019	12:00:00	13.048,22	12.112,80	24.659,80
18.11.2019	12:15:00	13.508,14	12.521,27	24.593,12
18.11.2019	12:30:00	14.017,11	12.233,41	23.807,12
18.11.2019	12:45:00	15.231,24	11.386,12	23.273,93
18.11.2019	13:00:00	14.493,76	11.334,00	23.445,71
18.11.2019	13:15:00	14.485,52	10.811,62	23.008,28
18.11.2019	13:30:00	15.146,68	10.383,95	22.533,92
18.11.2019	13:45:00	14.113,19	10.044,04	22.153,86
18.11.2019	14:00:00	13.085,50	10.860,90	22.889,06
18.11.2019	14:15:00	12.679,46	11.798,08	23.537,96
18.11.2019	14:30:00	13.008,55	11.623,38	23.288,06

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.11.2019	14:45:00	12.239,07	10.800,63	22.182,90
18.11.2019	15:00:00	11.602,05	10.613,19	21.842,50
18.11.2019	15:15:00	11.933,56	11.027,17	21.859,06
18.11.2019	15:30:00	12.539,19	11.829,46	22.561,99
18.11.2019	15:45:00	12.815,26	12.410,01	22.936,92
18.11.2019	16:00:00	13.064,41	12.730,04	23.048,56
18.11.2019	16:15:00	13.390,55	13.115,19	23.272,41
18.11.2019	16:30:00	13.467,48	13.234,81	23.133,65
18.11.2019	16:45:00	13.887,86	13.717,36	23.517,64
18.11.2019	17:00:00	14.508,26	14.367,42	23.956,15
18.11.2019	17:15:00	15.508,98	15.384,73	24.731,58
18.11.2019	17:30:00	15.951,25	15.827,87	25.052,17
18.11.2019	17:45:00	16.343,84	16.209,42	25.130,10
18.11.2019	18:00:00	16.647,73	16.516,89	25.214,94
18.11.2019	18:15:00	16.602,58	16.474,79	25.054,37
18.11.2019	18:30:00	16.389,42	16.256,57	24.546,72
18.11.2019	18:45:00	16.079,47	15.943,63	24.098,53
18.11.2019	19:00:00	16.027,60	15.888,54	23.910,13
18.11.2019	19:15:00	15.750,21	15.606,61	23.542,78
18.11.2019	19:30:00	15.835,54	15.709,02	23.672,31
18.11.2019	19:45:00	15.737,97	15.567,81	23.338,16
18.11.2019	20:00:00	15.557,14	15.375,49	23.033,50
18.11.2019	20:15:00	15.186,57	14.916,90	22.486,86
18.11.2019	20:30:00	15.164,44	14.796,72	22.232,00
18.11.2019	20:45:00	14.909,62	14.539,65	21.844,37
18.11.2019	21:00:00	14.331,59	13.944,38	21.076,34
18.11.2019	21:15:00	14.329,57	13.954,86	20.962,68
18.11.2019	21:30:00	15.176,90	14.803,89	21.700,44
18.11.2019	21:45:00	14.689,79	14.312,84	21.019,64
18.11.2019	22:00:00	14.180,40	13.799,02	20.199,26
18.11.2019	22:15:00	13.786,74	13.437,67	19.643,41
18.11.2019	22:30:00	13.726,42	13.377,66	19.222,23
18.11.2019	22:45:00	13.751,10	13.400,18	18.865,15
18.11.2019	23:00:00	13.765,18	13.414,29	18.932,66
18.11.2019	23:15:00	13.177,81	12.820,07	18.192,93
18.11.2019	23:30:00	12.627,00	12.227,11	17.556,80
18.11.2019	23:45:00	12.068,20	11.700,76	17.043,34
19.11.2019	00:00:00	11.573,46	11.201,20	16.489,84
19.11.2019	00:15:00	11.070,22	10.656,95	15.969,97
19.11.2019	00:30:00	10.705,42	10.308,30	15.550,12
19.11.2019	00:45:00	10.456,80	10.075,08	15.291,88
19.11.2019	01:00:00	10.054,91	9.728,92	15.031,63
19.11.2019	01:15:00	9.802,50	9.513,41	14.765,62
19.11.2019	01:30:00	9.679,95	9.405,15	14.513,85
19.11.2019	01:45:00	9.617,62	9.341,29	14.304,28
19.11.2019	02:00:00	9.606,82	9.332,47	14.378,40
19.11.2019	02:15:00	9.717,09	9.443,69	14.300,84
19.11.2019	02:30:00	9.609,47	9.321,38	14.183,54
19.11.2019	02:45:00	9.692,01	9.367,87	14.247,07
19.11.2019	03:00:00	9.771,81	9.449,11	14.254,19
19.11.2019	03:15:00	9.582,33	9.256,44	14.219,86
19.11.2019	03:30:00	9.675,94	9.351,09	14.414,74
19.11.2019	03:45:00	9.834,90	9.516,98	14.475,97
19.11.2019	04:00:00	9.843,54	9.463,40	14.475,35
19.11.2019	04:15:00	9.981,57	9.549,04	14.596,91
19.11.2019	04:30:00	9.884,03	9.447,82	14.463,84
19.11.2019	04:45:00	9.695,54	9.258,46	14.363,51
19.11.2019	05:00:00	9.874,87	9.445,47	14.810,88
19.11.2019	05:15:00	10.211,38	9.809,12	15.656,10
19.11.2019	05:30:00	10.102,25	9.725,92	15.775,30
19.11.2019	05:45:00	10.421,63	10.044,68	16.503,90
19.11.2019	06:00:00	10.659,32	10.286,34	17.327,50
19.11.2019	06:15:00	10.902,15	10.538,47	19.175,73
19.11.2019	06:30:00	11.040,89	10.685,83	20.039,94
19.11.2019	06:45:00	11.327,47	10.980,30	20.980,21
19.11.2019	07:00:00	11.607,71	11.312,56	22.316,54
19.11.2019	07:15:00	12.118,04	11.888,29	23.296,09
19.11.2019	07:30:00	12.429,21	12.210,89	24.126,45
19.11.2019	07:45:00	12.061,02	11.841,59	23.969,54
19.11.2019	08:00:00	12.250,83	12.041,59	24.415,59
19.11.2019	08:15:00	12.400,91	12.162,54	24.939,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
19.11.2019	08:30:00	12.721,33	12.426,57	25.405,96
19.11.2019	08:45:00	12.871,05	12.549,36	25.597,80
19.11.2019	09:00:00	13.109,07	12.779,02	25.700,78
19.11.2019	09:15:00	13.906,46	13.699,83	26.397,82
19.11.2019	09:30:00	13.809,04	13.616,24	26.214,18
19.11.2019	09:45:00	13.698,40	13.330,29	26.315,71
19.11.2019	10:00:00	13.878,14	13.191,08	26.232,87
19.11.2019	10:15:00	13.955,54	13.225,94	26.260,03
19.11.2019	10:30:00	13.889,58	13.156,97	26.399,08
19.11.2019	10:45:00	13.622,87	12.742,64	26.020,34
19.11.2019	11:00:00	13.469,18	12.599,79	25.811,63
19.11.2019	11:15:00	13.766,73	12.964,28	26.082,31
19.11.2019	11:30:00	13.947,43	13.179,23	26.755,88
19.11.2019	11:45:00	14.221,29	13.161,15	26.802,40
19.11.2019	12:00:00	14.011,52	12.605,16	25.891,34
19.11.2019	12:15:00	14.427,13	13.275,76	25.690,54
19.11.2019	12:30:00	14.827,96	13.279,21	25.332,36
19.11.2019	12:45:00	14.235,64	12.374,42	24.239,02
19.11.2019	13:00:00	13.991,75	12.299,21	24.490,92
19.11.2019	13:15:00	13.973,42	12.804,14	25.278,14
19.11.2019	13:30:00	13.952,10	12.902,92	25.574,46
19.11.2019	13:45:00	13.648,75	12.461,49	25.123,12
19.11.2019	14:00:00	13.365,31	12.506,51	25.270,16
19.11.2019	14:15:00	13.158,78	11.999,46	24.534,65
19.11.2019	14:30:00	12.940,10	11.758,93	23.757,65
19.11.2019	14:45:00	13.181,74	11.893,48	23.701,74
19.11.2019	15:00:00	13.145,94	12.235,51	23.948,97
19.11.2019	15:15:00	13.169,43	12.515,44	24.093,50
19.11.2019	15:30:00	13.232,85	12.722,31	24.195,70
19.11.2019	15:45:00	13.506,81	13.031,70	23.985,46
19.11.2019	16:00:00	13.591,85	13.099,55	23.822,46
19.11.2019	16:15:00	13.894,36	13.477,00	23.923,38
19.11.2019	16:30:00	14.186,87	13.873,04	24.059,15
19.11.2019	16:45:00	14.710,64	14.515,59	24.433,00
19.11.2019	17:00:00	15.336,33	15.142,00	24.819,76
19.11.2019	17:15:00	16.007,51	15.836,62	25.466,04
19.11.2019	17:30:00	16.372,41	16.220,21	25.498,86
19.11.2019	17:45:00	16.419,92	16.260,86	25.437,05
19.11.2019	18:00:00	16.798,59	16.638,09	25.630,45
19.11.2019	18:15:00	16.683,65	16.511,70	25.145,67
19.11.2019	18:30:00	16.433,20	16.259,53	24.760,59
19.11.2019	18:45:00	16.275,45	16.020,21	24.367,36
19.11.2019	19:00:00	16.096,13	15.779,57	24.102,39
19.11.2019	19:15:00	16.017,19	15.676,82	23.962,50
19.11.2019	19:30:00	15.985,03	15.648,95	23.917,92
19.11.2019	19:45:00	15.557,16	15.232,31	23.273,32
19.11.2019	20:00:00	15.314,91	14.975,03	22.937,37
19.11.2019	20:15:00	15.177,54	14.779,17	22.571,64
19.11.2019	20:30:00	15.117,00	14.740,95	22.257,01
19.11.2019	20:45:00	14.997,14	14.598,14	21.919,98
19.11.2019	21:00:00	14.675,13	14.270,12	21.516,76
19.11.2019	21:15:00	14.308,44	13.922,52	21.090,77
19.11.2019	21:30:00	15.305,54	14.911,19	21.951,54
19.11.2019	21:45:00	14.820,39	14.435,41	21.389,12
19.11.2019	22:00:00	14.276,25	13.885,69	20.607,55
19.11.2019	22:15:00	13.901,85	13.504,42	19.955,97
19.11.2019	22:30:00	13.748,08	13.343,75	19.585,92
19.11.2019	22:45:00	14.022,23	13.619,78	19.683,99
19.11.2019	23:00:00	14.029,77	13.624,63	19.445,22
19.11.2019	23:15:00	13.451,02	13.032,99	18.778,22
19.11.2019	23:30:00	12.601,94	12.179,34	17.806,92
19.11.2019	23:45:00	11.867,65	11.442,94	17.042,65
20.11.2019	00:00:00	11.491,27	11.064,30	16.486,09
20.11.2019	00:15:00	10.941,36	10.520,35	15.971,86
20.11.2019	00:30:00	10.768,57	10.449,05	15.928,70
20.11.2019	00:45:00	10.474,09	10.150,51	15.438,98
20.11.2019	01:00:00	10.220,74	9.896,87	15.166,06
20.11.2019	01:15:00	9.906,98	9.580,74	14.949,57
20.11.2019	01:30:00	9.677,96	9.350,03	14.588,90
20.11.2019	01:45:00	9.344,07	8.990,40	14.243,01
20.11.2019	02:00:00	9.483,99	9.152,21	14.298,32

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.11.2019	02:15:00	9.454,35	9.123,46	14.229,57
20.11.2019	02:30:00	9.423,09	9.094,64	14.287,94
20.11.2019	02:45:00	9.352,74	9.021,89	14.209,14
20.11.2019	03:00:00	9.222,97	8.867,73	14.092,15
20.11.2019	03:15:00	9.204,64	8.823,07	14.205,93
20.11.2019	03:30:00	9.209,33	8.827,33	14.201,28
20.11.2019	03:45:00	9.370,94	8.933,21	14.241,31
20.11.2019	04:00:00	9.349,06	8.861,32	14.005,39
20.11.2019	04:15:00	9.449,38	8.956,66	14.290,84
20.11.2019	04:30:00	9.656,02	9.165,82	14.496,93
20.11.2019	04:45:00	9.639,97	9.150,95	14.500,26
20.11.2019	05:00:00	9.770,30	9.289,07	14.863,37
20.11.2019	05:15:00	9.989,61	9.540,96	15.505,80
20.11.2019	05:30:00	9.946,99	9.501,79	15.684,25
20.11.2019	05:45:00	10.460,06	10.024,79	16.648,98
20.11.2019	06:00:00	10.824,60	10.398,18	17.732,42
20.11.2019	06:15:00	11.012,29	10.592,69	19.300,79
20.11.2019	06:30:00	10.955,10	10.553,54	20.332,44
20.11.2019	06:45:00	11.177,67	10.785,41	21.038,47
20.11.2019	07:00:00	11.509,47	11.136,08	22.186,76
20.11.2019	07:15:00	12.107,82	11.742,97	22.986,92
20.11.2019	07:30:00	12.598,36	12.249,16	24.094,15
20.11.2019	07:45:00	12.503,93	12.162,85	24.223,16
20.11.2019	08:00:00	12.411,09	12.064,72	24.652,03
20.11.2019	08:15:00	12.601,41	12.248,10	25.161,66
20.11.2019	08:30:00	12.953,69	12.593,61	25.688,94
20.11.2019	08:45:00	13.042,81	12.677,52	25.971,59
20.11.2019	09:00:00	13.220,23	12.800,89	26.034,39
20.11.2019	09:15:00	13.928,37	13.488,37	26.338,92
20.11.2019	09:30:00	13.860,33	13.370,41	26.535,09
20.11.2019	09:45:00	13.914,05	13.398,30	26.802,24
20.11.2019	10:00:00	13.868,50	13.330,42	26.731,10
20.11.2019	10:15:00	14.082,25	13.486,11	26.779,46
20.11.2019	10:30:00	13.964,43	13.311,58	26.508,91
20.11.2019	10:45:00	13.932,03	13.250,45	26.614,63
20.11.2019	11:00:00	13.850,45	13.098,78	26.540,24
20.11.2019	11:15:00	14.026,57	13.251,67	26.622,55
20.11.2019	11:30:00	14.267,55	13.412,53	26.579,40
20.11.2019	11:45:00	14.293,92	13.419,42	26.518,28
20.11.2019	12:00:00	14.473,86	13.607,18	26.519,96
20.11.2019	12:15:00	14.967,83	14.033,06	26.653,84
20.11.2019	12:30:00	15.183,88	14.170,22	26.182,19
20.11.2019	12:45:00	14.900,35	13.935,37	26.009,78
20.11.2019	13:00:00	14.572,66	13.683,55	25.811,76
20.11.2019	13:15:00	14.446,17	13.651,57	26.012,44
20.11.2019	13:30:00	14.230,81	13.568,21	26.044,40
20.11.2019	13:45:00	14.040,11	13.516,92	25.995,38
20.11.2019	14:00:00	13.873,00	13.352,34	25.672,16
20.11.2019	14:15:00	13.787,95	13.191,11	25.307,81
20.11.2019	14:30:00	13.645,46	13.051,36	25.397,71
20.11.2019	14:45:00	13.552,52	12.947,05	25.018,44
20.11.2019	15:00:00	13.607,21	13.012,43	24.733,10
20.11.2019	15:15:00	13.554,89	12.972,53	24.438,80
20.11.2019	15:30:00	13.574,22	13.070,85	24.265,35
20.11.2019	15:45:00	13.557,03	13.095,83	24.071,22
20.11.2019	16:00:00	13.717,68	13.320,56	24.067,67
20.11.2019	16:15:00	13.969,51	13.596,06	23.949,36
20.11.2019	16:30:00	14.219,30	13.869,67	23.932,83
20.11.2019	16:45:00	14.525,62	14.189,77	24.275,98
20.11.2019	17:00:00	15.371,03	15.038,13	25.126,90
20.11.2019	17:15:00	16.004,69	15.672,05	25.521,60
20.11.2019	17:30:00	16.239,34	15.903,41	25.417,88
20.11.2019	17:45:00	16.527,24	16.189,20	25.537,51
20.11.2019	18:00:00	16.630,58	16.291,88	25.471,54
20.11.2019	18:15:00	16.603,55	16.257,45	24.939,40
20.11.2019	18:30:00	16.252,72	15.922,21	24.283,17
20.11.2019	18:45:00	16.217,94	15.906,46	24.202,57
20.11.2019	19:00:00	15.935,12	15.624,59	23.802,86
20.11.2019	19:15:00	15.915,68	15.599,06	23.760,80
20.11.2019	19:30:00	15.954,94	15.627,17	23.838,75
20.11.2019	19:45:00	15.806,91	15.473,69	23.639,94

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
20.11.2019	20:00:00	15.358,80	15.023,46	23.044,48
20.11.2019	20:15:00	14.948,49	14.594,21	22.440,84
20.11.2019	20:30:00	14.922,99	14.553,54	22.210,34
20.11.2019	20:45:00	14.820,02	14.437,63	22.058,13
20.11.2019	21:00:00	14.385,47	13.997,57	21.348,58
20.11.2019	21:15:00	14.237,37	13.842,87	20.968,50
20.11.2019	21:30:00	15.019,69	14.632,54	21.675,36
20.11.2019	21:45:00	14.646,64	14.254,03	21.195,42
20.11.2019	22:00:00	14.145,24	13.751,63	20.536,76
20.11.2019	22:15:00	13.847,08	13.445,36	19.880,88
20.11.2019	22:30:00	13.569,46	13.163,33	19.244,84
20.11.2019	22:45:00	13.742,32	13.339,94	19.166,62
20.11.2019	23:00:00	13.765,31	13.360,54	19.052,37
20.11.2019	23:15:00	13.185,26	12.774,85	18.426,36
20.11.2019	23:30:00	12.640,57	12.225,59	17.899,35
20.11.2019	23:45:00	12.088,27	11.667,23	17.248,66
21.11.2019	00:00:00	11.353,23	10.927,65	16.503,26
21.11.2019	00:15:00	11.139,69	10.712,03	16.327,78
21.11.2019	00:30:00	11.038,47	10.609,50	16.211,68
21.11.2019	00:45:00	10.599,53	10.184,50	15.724,96
21.11.2019	01:00:00	10.180,83	9.857,40	15.382,19
21.11.2019	01:15:00	9.892,38	9.566,03	15.171,17
21.11.2019	01:30:00	9.781,79	9.455,84	14.854,68
21.11.2019	01:45:00	9.718,55	9.394,06	14.912,31
21.11.2019	02:00:00	9.683,06	9.356,36	14.689,43
21.11.2019	02:15:00	9.527,64	9.199,08	14.572,76
21.11.2019	02:30:00	9.428,58	9.099,19	14.347,92
21.11.2019	02:45:00	9.597,10	9.267,97	14.594,84
21.11.2019	03:00:00	9.509,60	9.180,47	14.579,29
21.11.2019	03:15:00	9.294,28	8.948,17	14.381,50
21.11.2019	03:30:00	9.247,57	8.867,41	14.215,13
21.11.2019	03:45:00	9.341,10	8.961,47	14.346,89
21.11.2019	04:00:00	9.263,90	8.841,70	14.296,76
21.11.2019	04:15:00	9.518,54	9.026,71	14.421,76
21.11.2019	04:30:00	9.624,63	9.151,16	14.486,00
21.11.2019	04:45:00	9.635,67	9.229,33	14.612,31
21.11.2019	05:00:00	9.820,59	9.423,55	15.103,08
21.11.2019	05:15:00	10.077,60	9.699,42	15.805,02
21.11.2019	05:30:00	10.052,99	9.691,27	15.845,69
21.11.2019	05:45:00	10.331,95	9.983,11	16.508,54
21.11.2019	06:00:00	10.670,29	10.331,34	17.587,39
21.11.2019	06:15:00	10.876,34	10.536,28	18.988,49
21.11.2019	06:30:00	11.067,97	10.750,53	20.139,06
21.11.2019	06:45:00	11.174,10	10.871,24	20.902,30
21.11.2019	07:00:00	11.532,93	11.260,79	21.861,17
21.11.2019	07:15:00	12.168,21	11.892,48	23.303,86
21.11.2019	07:30:00	12.504,21	12.233,47	23.969,20
21.11.2019	07:45:00	12.036,54	11.774,62	23.779,78
21.11.2019	08:00:00	12.218,11	11.947,32	24.397,57
21.11.2019	08:15:00	12.269,93	11.924,70	24.616,57
21.11.2019	08:30:00	12.134,66	11.675,73	24.465,94
21.11.2019	08:45:00	12.228,13	11.665,70	24.623,65
21.11.2019	09:00:00	12.486,00	11.788,90	24.818,94
21.11.2019	09:15:00	13.107,18	12.215,28	24.830,46
21.11.2019	09:30:00	13.032,95	11.904,67	24.360,17
21.11.2019	09:45:00	12.706,82	11.380,07	24.085,58
21.11.2019	10:00:00	12.696,22	11.148,03	23.900,50
21.11.2019	10:15:00	12.813,52	11.327,75	23.915,82
21.11.2019	10:30:00	12.756,62	11.386,67	24.242,40
21.11.2019	10:45:00	12.978,45	11.904,51	24.805,70
21.11.2019	11:00:00	13.209,88	11.990,47	24.970,01
21.11.2019	11:15:00	13.260,57	11.886,54	24.802,76
21.11.2019	11:30:00	13.332,48	11.593,86	24.593,62
21.11.2019	11:45:00	14.045,47	10.799,75	23.765,08
21.11.2019	12:00:00	13.580,84	11.162,52	23.921,58
21.11.2019	12:15:00	14.742,18	11.234,14	23.289,71
21.11.2019	12:30:00	14.893,26	10.599,70	21.972,42
21.11.2019	12:45:00	14.843,29	10.060,55	21.657,96
21.11.2019	13:00:00	13.786,33	10.223,92	21.879,54
21.11.2019	13:15:00	13.190,98	11.155,80	22.984,64
21.11.2019	13:30:00	13.231,84	11.257,61	23.238,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.11.2019	13:45:00	13.592,90	10.344,70	22.305,28
21.11.2019	14:00:00	13.094,46	9.887,98	21.862,40
21.11.2019	14:15:00	12.626,22	10.352,68	22.190,84
21.11.2019	14:30:00	12.151,34	10.530,70	22.358,70
21.11.2019	14:45:00	12.410,07	11.262,77	22.800,70
21.11.2019	15:00:00	12.255,42	11.026,93	22.441,62
21.11.2019	15:15:00	12.504,07	11.650,30	22.837,93
21.11.2019	15:30:00	12.635,06	11.947,44	22.975,87
21.11.2019	15:45:00	12.758,19	12.193,10	22.985,67
21.11.2019	16:00:00	12.825,72	12.231,67	22.783,23
21.11.2019	16:15:00	13.069,95	12.557,81	22.796,80
21.11.2019	16:30:00	13.295,67	12.918,31	22.902,83
21.11.2019	16:45:00	13.809,97	13.496,36	23.443,43
21.11.2019	17:00:00	14.463,56	14.159,48	23.983,70
21.11.2019	17:15:00	15.290,62	15.000,31	24.668,07
21.11.2019	17:30:00	15.903,50	15.630,87	25.041,88
21.11.2019	17:45:00	16.235,85	15.965,44	25.058,57
21.11.2019	18:00:00	16.337,04	16.063,86	25.021,80
21.11.2019	18:15:00	16.289,82	16.007,55	24.589,35
21.11.2019	18:30:00	16.237,39	15.948,84	24.318,69
21.11.2019	18:45:00	16.002,98	15.706,70	23.936,60
21.11.2019	19:00:00	15.972,03	15.668,06	23.746,04
21.11.2019	19:15:00	16.012,39	15.696,50	23.806,41
21.11.2019	19:30:00	16.032,91	15.698,97	23.761,90
21.11.2019	19:45:00	15.639,19	15.288,06	23.246,79
21.11.2019	20:00:00	15.487,16	15.128,21	23.080,70
21.11.2019	20:15:00	15.163,41	14.795,17	22.515,58
21.11.2019	20:30:00	15.199,25	14.823,99	22.309,59
21.11.2019	20:45:00	15.051,51	14.675,71	22.106,23
21.11.2019	21:00:00	14.569,72	14.192,65	21.478,75
21.11.2019	21:15:00	14.340,40	13.951,75	21.052,05
21.11.2019	21:30:00	15.429,65	15.047,48	21.980,42
21.11.2019	21:45:00	15.066,09	14.647,84	21.397,63
21.11.2019	22:00:00	14.545,22	14.142,64	20.679,52
21.11.2019	22:15:00	14.310,49	13.901,89	20.077,76
21.11.2019	22:30:00	13.991,33	13.548,53	19.555,59
21.11.2019	22:45:00	14.318,73	13.876,71	19.544,78
21.11.2019	23:00:00	14.514,08	14.071,74	19.703,58
21.11.2019	23:15:00	14.065,03	13.619,19	19.004,60
21.11.2019	23:30:00	13.464,35	13.037,33	18.546,48
21.11.2019	23:45:00	13.044,18	12.628,97	17.945,16
22.11.2019	00:00:00	12.392,17	11.972,57	17.274,50
22.11.2019	00:15:00	11.876,69	11.452,64	16.859,16
22.11.2019	00:30:00	11.714,87	11.285,16	16.662,67
22.11.2019	00:45:00	11.278,97	10.832,15	16.139,64
22.11.2019	01:00:00	11.042,18	10.608,84	15.903,13
22.11.2019	01:15:00	10.901,02	10.518,21	15.814,78
22.11.2019	01:30:00	10.582,69	10.238,49	15.498,75
22.11.2019	01:45:00	10.445,40	10.119,86	15.296,10
22.11.2019	02:00:00	10.390,83	10.066,32	15.173,50
22.11.2019	02:15:00	10.392,11	10.065,98	15.237,37
22.11.2019	02:30:00	10.210,80	9.884,98	15.066,74
22.11.2019	02:45:00	10.116,76	9.791,78	14.835,77
22.11.2019	03:00:00	10.070,59	9.743,65	14.815,74
22.11.2019	03:15:00	9.871,28	9.512,54	14.642,52
22.11.2019	03:30:00	9.749,31	9.370,92	14.590,42
22.11.2019	03:45:00	9.809,82	9.433,10	14.632,21
22.11.2019	04:00:00	9.776,28	9.362,79	14.530,82
22.11.2019	04:15:00	9.899,53	9.410,59	14.671,50
22.11.2019	04:30:00	9.974,25	9.488,27	14.703,15
22.11.2019	04:45:00	9.957,24	9.471,61	14.623,54
22.11.2019	05:00:00	9.953,49	9.480,87	15.099,28
22.11.2019	05:15:00	10.099,52	9.641,47	15.638,91
22.11.2019	05:30:00	10.068,90	9.630,42	15.888,62
22.11.2019	05:45:00	10.584,14	10.158,92	16.723,84
22.11.2019	06:00:00	10.879,29	10.455,72	17.575,15
22.11.2019	06:15:00	10.988,07	10.578,91	18.819,49
22.11.2019	06:30:00	10.912,17	10.511,63	19.574,44
22.11.2019	06:45:00	11.233,51	10.839,77	20.450,32
22.11.2019	07:00:00	11.632,31	11.271,19	21.862,02
22.11.2019	07:15:00	12.366,02	12.015,69	23.012,54

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.11.2019	07:30:00	12.839,11	12.488,45	23.846,61
22.11.2019	07:45:00	12.493,69	12.136,26	23.808,34
22.11.2019	08:00:00	12.631,13	12.278,07	24.343,13
22.11.2019	08:15:00	12.767,80	12.349,01	24.982,60
22.11.2019	08:30:00	12.739,86	12.283,46	25.156,12
22.11.2019	08:45:00	12.985,13	12.479,09	25.304,25
22.11.2019	09:00:00	13.198,46	12.640,70	25.423,74
22.11.2019	09:15:00	13.750,37	13.060,48	25.519,71
22.11.2019	09:30:00	13.705,70	12.931,83	25.254,65
22.11.2019	09:45:00	13.735,51	12.888,66	25.591,40
22.11.2019	10:00:00	13.648,13	12.401,44	25.036,54
22.11.2019	10:15:00	13.666,98	12.114,65	24.631,24
22.11.2019	10:30:00	13.640,65	11.993,69	24.262,12
22.11.2019	10:45:00	13.402,44	11.658,53	24.098,38
22.11.2019	11:00:00	13.163,39	11.061,81	23.473,94
22.11.2019	11:15:00	13.138,58	10.842,60	23.053,95
22.11.2019	11:30:00	13.394,20	10.879,54	23.048,94
22.11.2019	11:45:00	13.690,85	11.141,88	23.159,12
22.11.2019	12:00:00	13.888,79	11.130,30	22.776,60
22.11.2019	12:15:00	14.215,34	11.301,22	22.446,17
22.11.2019	12:30:00	14.794,58	12.373,91	23.140,16
22.11.2019	12:45:00	14.648,92	12.456,09	23.253,61
22.11.2019	13:00:00	14.338,13	11.970,03	22.719,78
22.11.2019	13:15:00	14.217,77	11.689,57	22.213,43
22.11.2019	13:30:00	14.219,02	10.764,34	21.157,64
22.11.2019	13:45:00	13.730,61	10.231,04	20.629,91
22.11.2019	14:00:00	13.144,12	11.104,68	21.412,68
22.11.2019	14:15:00	12.945,79	11.001,13	21.067,70
22.11.2019	14:30:00	12.608,03	11.152,77	21.141,58
22.11.2019	14:45:00	12.921,26	11.834,70	21.869,41
22.11.2019	15:00:00	12.826,36	11.813,69	21.736,09
22.11.2019	15:15:00	13.011,33	12.088,09	21.691,46
22.11.2019	15:30:00	12.991,17	12.154,36	21.442,38
22.11.2019	15:45:00	12.906,70	12.155,76	21.297,97
22.11.2019	16:00:00	13.226,90	12.520,95	21.535,24
22.11.2019	16:15:00	13.402,10	12.788,56	21.550,22
22.11.2019	16:30:00	13.709,32	13.241,61	21.887,31
22.11.2019	16:45:00	14.266,52	13.905,43	22.506,94
22.11.2019	17:00:00	15.039,56	14.706,71	23.193,77
22.11.2019	17:15:00	16.066,32	15.706,00	24.050,72
22.11.2019	17:30:00	16.221,53	15.860,43	24.119,38
22.11.2019	17:45:00	16.382,31	16.040,99	24.234,16
22.11.2019	18:00:00	16.577,63	16.224,29	24.128,08
22.11.2019	18:15:00	16.401,01	16.049,75	23.720,60
22.11.2019	18:30:00	16.209,66	15.847,19	23.273,38
22.11.2019	18:45:00	16.042,88	15.679,51	22.928,28
22.11.2019	19:00:00	15.805,97	15.468,50	22.627,66
22.11.2019	19:15:00	16.073,14	15.694,09	22.837,38
22.11.2019	19:30:00	15.959,79	15.576,05	22.684,85
22.11.2019	19:45:00	15.542,05	15.148,14	22.037,25
22.11.2019	20:00:00	15.259,57	14.862,12	21.647,29
22.11.2019	20:15:00	14.971,71	14.563,58	21.156,46
22.11.2019	20:30:00	14.697,65	14.295,42	20.602,68
22.11.2019	20:45:00	14.650,03	14.260,60	20.445,15
22.11.2019	21:00:00	14.194,99	13.796,99	19.789,19
22.11.2019	21:15:00	14.340,82	13.947,44	19.818,05
22.11.2019	21:30:00	15.284,25	14.895,51	20.660,94
22.11.2019	21:45:00	14.897,78	14.505,37	20.091,34
22.11.2019	22:00:00	14.674,02	14.282,62	19.867,12
22.11.2019	22:15:00	14.625,28	14.232,15	19.736,82
22.11.2019	22:30:00	14.841,32	14.449,26	19.854,60
22.11.2019	22:45:00	15.249,74	14.859,23	20.004,28
22.11.2019	23:00:00	15.236,85	14.844,77	19.775,33
22.11.2019	23:15:00	14.678,67	14.278,61	19.189,87
22.11.2019	23:30:00	14.284,47	13.879,54	18.618,25
22.11.2019	23:45:00	13.733,45	13.324,69	18.163,10
23.11.2019	00:00:00	13.326,65	12.887,81	17.681,86
23.11.2019	00:15:00	12.855,85	12.428,48	17.160,07
23.11.2019	00:30:00	12.481,21	12.021,61	16.782,93
23.11.2019	00:45:00	12.299,19	11.842,19	16.424,63
23.11.2019	01:00:00	11.886,27	11.439,04	16.100,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.11.2019	01:15:00	11.615,08	11.190,50	15.856,44
23.11.2019	01:30:00	11.326,28	10.900,16	15.443,52
23.11.2019	01:45:00	10.920,14	10.488,95	15.005,30
23.11.2019	02:00:00	10.819,31	10.389,27	14.713,51
23.11.2019	02:15:00	10.728,68	10.294,86	14.588,06
23.11.2019	02:30:00	10.683,74	10.251,12	14.517,12
23.11.2019	02:45:00	10.509,41	10.073,08	14.402,42
23.11.2019	03:00:00	10.427,80	9.969,12	14.272,24
23.11.2019	03:15:00	10.254,16	9.892,75	14.162,46
23.11.2019	03:30:00	10.054,53	9.654,91	13.933,90
23.11.2019	03:45:00	10.119,04	9.723,01	13.926,38
23.11.2019	04:00:00	10.145,93	9.748,55	13.918,88
23.11.2019	04:15:00	10.297,24	9.904,38	13.914,02
23.11.2019	04:30:00	10.268,78	9.891,55	13.872,18
23.11.2019	04:45:00	10.098,03	9.775,61	13.733,84
23.11.2019	05:00:00	10.044,68	9.766,56	13.757,65
23.11.2019	05:15:00	10.064,43	9.788,54	13.786,46
23.11.2019	05:30:00	9.776,35	9.508,77	13.522,54
23.11.2019	05:45:00	10.011,28	9.749,16	13.810,14
23.11.2019	06:00:00	10.146,84	9.886,53	14.007,47
23.11.2019	06:15:00	9.942,83	9.692,75	13.937,79
23.11.2019	06:30:00	9.935,46	9.698,16	14.121,11
23.11.2019	06:45:00	9.817,87	9.582,60	14.027,51
23.11.2019	07:00:00	9.736,75	9.466,20	14.176,72
23.11.2019	07:15:00	10.103,41	9.785,78	14.652,00
23.11.2019	07:30:00	10.725,17	10.429,24	15.274,71
23.11.2019	07:45:00	10.695,82	10.393,23	15.259,20
23.11.2019	08:00:00	10.956,19	10.607,29	15.688,68
23.11.2019	08:15:00	11.076,02	10.585,35	15.725,29
23.11.2019	08:30:00	11.195,89	10.566,48	15.733,00
23.11.2019	08:45:00	11.663,29	10.932,30	16.039,02
23.11.2019	09:00:00	11.894,30	10.922,17	16.015,66
23.11.2019	09:15:00	12.290,70	11.040,42	16.299,47
23.11.2019	09:30:00	12.472,50	10.933,13	16.090,68
23.11.2019	09:45:00	12.707,64	11.137,94	16.235,84
23.11.2019	10:00:00	12.904,53	11.657,61	16.762,69
23.11.2019	10:15:00	13.300,87	12.117,32	17.249,36
23.11.2019	10:30:00	13.446,52	12.188,83	17.474,24
23.11.2019	10:45:00	13.566,93	12.036,53	17.315,80
23.11.2019	11:00:00	13.698,85	10.987,38	16.175,78
23.11.2019	11:15:00	13.778,93	11.001,45	16.084,64
23.11.2019	11:30:00	13.932,71	11.924,56	17.012,07
23.11.2019	11:45:00	14.069,19	12.317,54	17.367,25
23.11.2019	12:00:00	14.118,99	12.531,56	17.500,83
23.11.2019	12:15:00	14.366,82	12.670,99	17.520,88
23.11.2019	12:30:00	14.707,06	12.830,79	17.646,24
23.11.2019	12:45:00	14.437,72	12.778,56	17.458,93
23.11.2019	13:00:00	14.310,70	12.814,47	17.501,78
23.11.2019	13:15:00	14.274,92	12.930,45	17.545,57
23.11.2019	13:30:00	14.658,23	13.362,16	18.010,13
23.11.2019	13:45:00	14.306,08	13.071,46	17.748,46
23.11.2019	14:00:00	13.905,72	12.782,84	17.561,36
23.11.2019	14:15:00	13.638,29	12.621,65	17.362,88
23.11.2019	14:30:00	13.169,35	12.245,71	17.035,25
23.11.2019	14:45:00	13.009,77	12.204,36	17.010,55
23.11.2019	15:00:00	12.871,98	12.192,67	16.888,82
23.11.2019	15:15:00	12.848,93	12.248,47	17.004,89
23.11.2019	15:30:00	12.803,81	12.257,74	16.886,38
23.11.2019	15:45:00	12.722,86	12.210,57	16.831,98
23.11.2019	16:00:00	12.888,14	12.431,65	17.092,93
23.11.2019	16:15:00	12.847,60	12.424,76	17.131,46
23.11.2019	16:30:00	13.278,63	12.889,00	17.565,58
23.11.2019	16:45:00	13.706,69	13.327,42	18.061,37
23.11.2019	17:00:00	14.404,19	14.033,19	18.838,74
23.11.2019	17:15:00	15.022,85	14.642,04	19.477,82
23.11.2019	17:30:00	15.139,61	14.744,17	19.536,00
23.11.2019	17:45:00	15.419,33	15.050,39	19.817,47
23.11.2019	18:00:00	15.548,69	15.180,64	20.057,94
23.11.2019	18:15:00	15.606,83	15.240,52	20.091,63
23.11.2019	18:30:00	15.468,46	15.107,85	19.821,56
23.11.2019	18:45:00	14.995,26	14.628,92	19.334,37

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.11.2019	19:00:00	14.820,03	14.409,15	19.131,65
23.11.2019	19:15:00	14.869,70	14.486,94	19.099,39
23.11.2019	19:30:00	14.718,64	14.344,01	18.945,59
23.11.2019	19:45:00	14.643,38	14.256,82	18.771,54
23.11.2019	20:00:00	14.249,30	13.860,03	18.368,26
23.11.2019	20:15:00	13.873,25	13.476,12	17.938,80
23.11.2019	20:30:00	13.777,26	13.379,68	17.721,26
23.11.2019	20:45:00	13.468,91	13.066,35	17.471,96
23.11.2019	21:00:00	13.155,39	12.751,54	16.981,30
23.11.2019	21:15:00	13.110,81	12.706,81	16.994,49
23.11.2019	21:30:00	14.083,88	13.686,27	18.034,18
23.11.2019	21:45:00	13.800,88	13.401,16	17.730,42
23.11.2019	22:00:00	13.420,79	13.017,72	17.332,99
23.11.2019	22:15:00	13.563,71	13.134,02	17.397,76
23.11.2019	22:30:00	13.734,80	13.320,60	17.539,21
23.11.2019	22:45:00	14.203,47	13.781,60	17.783,70
23.11.2019	23:00:00	14.222,27	13.800,08	17.737,15
23.11.2019	23:15:00	13.671,54	13.264,70	17.180,06
23.11.2019	23:30:00	13.153,29	12.764,07	16.698,18
23.11.2019	23:45:00	12.506,35	12.198,51	16.086,26
24.11.2019	00:00:00	11.934,51	11.622,10	15.477,00
24.11.2019	00:15:00	11.573,00	11.257,49	15.062,66
24.11.2019	00:30:00	11.001,79	10.682,20	14.476,40
24.11.2019	00:45:00	10.568,36	10.244,80	13.949,85
24.11.2019	01:00:00	10.148,46	9.792,38	13.513,62
24.11.2019	01:15:00	9.762,70	9.433,93	13.169,04
24.11.2019	01:30:00	9.511,07	9.180,71	12.860,72
24.11.2019	01:45:00	9.218,77	8.888,56	12.553,62
24.11.2019	02:00:00	9.198,66	8.868,80	12.506,40
24.11.2019	02:15:00	9.242,20	8.910,66	12.511,85
24.11.2019	02:30:00	9.209,05	8.873,51	12.433,77
24.11.2019	02:45:00	9.032,03	8.656,08	12.235,50
24.11.2019	03:00:00	8.965,16	8.531,82	12.083,41
24.11.2019	03:15:00	8.701,52	8.209,83	11.729,54
24.11.2019	03:30:00	8.714,93	8.215,09	11.684,09
24.11.2019	03:45:00	8.835,52	8.338,29	11.832,35
24.11.2019	04:00:00	8.837,37	8.348,38	11.817,14
24.11.2019	04:15:00	8.879,97	8.392,18	11.875,32
24.11.2019	04:30:00	8.873,14	8.388,38	11.968,92
24.11.2019	04:45:00	8.867,63	8.384,92	11.898,53
24.11.2019	05:00:00	8.883,41	8.435,89	11.920,64
24.11.2019	05:15:00	8.940,56	8.495,40	11.974,09
24.11.2019	05:30:00	8.772,72	8.320,16	11.800,18
24.11.2019	05:45:00	8.839,70	8.351,61	11.856,00
24.11.2019	06:00:00	9.053,85	8.566,18	12.070,46
24.11.2019	06:15:00	8.986,56	8.496,43	12.082,62
24.11.2019	06:30:00	8.770,06	8.286,08	11.989,06
24.11.2019	06:45:00	8.552,80	8.061,87	11.734,06
24.11.2019	07:00:00	8.391,24	7.907,60	11.524,45
24.11.2019	07:15:00	8.606,59	8.123,86	11.834,62
24.11.2019	07:30:00	9.107,43	8.635,21	12.374,71
24.11.2019	07:45:00	9.294,74	8.838,17	12.698,44
24.11.2019	08:00:00	9.498,11	9.037,55	12.919,00
24.11.2019	08:15:00	9.708,25	9.192,42	13.047,95
24.11.2019	08:30:00	10.039,99	9.473,78	13.311,56
24.11.2019	08:45:00	10.530,91	9.882,49	13.823,78
24.11.2019	09:00:00	10.884,08	10.155,03	14.078,01
24.11.2019	09:15:00	11.306,37	10.481,99	14.406,61
24.11.2019	09:30:00	11.551,20	10.569,62	14.471,96
24.11.2019	09:45:00	11.786,57	10.673,56	14.567,96
24.11.2019	10:00:00	12.081,33	11.023,73	14.946,86
24.11.2019	10:15:00	12.414,03	11.309,00	15.248,15
24.11.2019	10:30:00	12.864,64	11.801,27	15.683,69
24.11.2019	10:45:00	13.057,32	11.978,92	15.900,08
24.11.2019	11:00:00	13.238,17	12.053,66	15.981,51
24.11.2019	11:15:00	13.445,51	12.009,06	15.913,88
24.11.2019	11:30:00	13.758,64	12.201,32	16.158,47
24.11.2019	11:45:00	14.004,88	12.923,50	16.898,62
24.11.2019	12:00:00	14.206,66	13.145,54	17.108,41
24.11.2019	12:15:00	14.191,79	12.854,31	16.826,47
24.11.2019	12:30:00	14.629,09	13.178,27	17.055,76

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.11.2019	12:45:00	14.524,39	13.121,59	16.962,30
24.11.2019	13:00:00	14.260,58	12.733,28	16.601,77
24.11.2019	13:15:00	14.358,24	11.309,80	15.087,10
24.11.2019	13:30:00	14.713,10	11.143,95	14.901,43
24.11.2019	13:45:00	13.642,69	11.551,07	15.344,39
24.11.2019	14:00:00	13.299,93	11.504,28	15.292,65
24.11.2019	14:15:00	13.056,54	11.913,67	15.742,40
24.11.2019	14:30:00	12.937,32	11.934,13	15.747,45
24.11.2019	14:45:00	12.630,52	11.658,20	15.457,21
24.11.2019	15:00:00	12.580,54	11.730,59	15.712,36
24.11.2019	15:15:00	12.444,58	11.785,76	15.731,18
24.11.2019	15:30:00	12.204,80	11.626,20	15.645,19
24.11.2019	15:45:00	12.437,94	11.904,18	15.955,37
24.11.2019	16:00:00	12.326,74	11.861,19	15.962,97
24.11.2019	16:15:00	12.518,14	12.106,27	16.184,58
24.11.2019	16:30:00	12.746,08	12.414,97	16.377,08
24.11.2019	16:45:00	13.222,30	12.938,38	16.966,70
24.11.2019	17:00:00	14.174,39	13.859,69	17.930,65
24.11.2019	17:15:00	14.923,71	14.540,21	18.674,87
24.11.2019	17:30:00	15.004,70	14.623,00	18.813,46
24.11.2019	17:45:00	15.421,34	15.043,06	19.158,21
24.11.2019	18:00:00	15.524,03	15.144,63	19.211,72
24.11.2019	18:15:00	15.390,18	15.012,03	19.104,12
24.11.2019	18:30:00	15.219,58	14.843,29	19.035,02
24.11.2019	18:45:00	15.161,15	14.784,83	18.964,08
24.11.2019	19:00:00	14.823,07	14.446,43	18.567,85
24.11.2019	19:15:00	15.022,70	14.634,54	18.768,16
24.11.2019	19:30:00	14.924,74	14.542,24	18.670,53
24.11.2019	19:45:00	14.583,05	14.190,43	18.298,46
24.11.2019	20:00:00	14.477,08	14.084,91	18.079,54
24.11.2019	20:15:00	14.250,34	13.855,97	17.774,54
24.11.2019	20:30:00	14.076,53	13.679,12	17.650,92
24.11.2019	20:45:00	13.966,98	13.566,87	17.512,65
24.11.2019	21:00:00	13.619,67	13.168,94	17.086,59
24.11.2019	21:15:00	13.691,61	13.249,31	17.112,22
24.11.2019	21:30:00	14.461,67	14.017,11	17.958,99
24.11.2019	21:45:00	14.077,06	13.625,01	17.619,94
24.11.2019	22:00:00	13.688,84	13.235,62	17.201,81
24.11.2019	22:15:00	13.701,58	13.246,98	17.437,58
24.11.2019	22:30:00	13.507,66	13.053,78	17.243,81
24.11.2019	22:45:00	13.686,61	13.229,80	17.475,09
24.11.2019	23:00:00	13.674,76	13.218,32	17.415,20
24.11.2019	23:15:00	13.013,07	12.549,91	16.763,54
24.11.2019	23:30:00	12.499,67	12.029,85	16.251,36
24.11.2019	23:45:00	11.918,18	11.443,92	15.619,46
25.11.2019	00:00:00	11.548,29	11.160,92	15.222,22
25.11.2019	00:15:00	11.071,16	10.703,48	14.723,07
25.11.2019	00:30:00	10.739,30	10.368,16	14.443,24
25.11.2019	00:45:00	10.450,00	10.077,70	14.174,78
25.11.2019	01:00:00	10.252,72	9.879,01	14.041,89
25.11.2019	01:15:00	10.148,43	9.772,66	13.938,98
25.11.2019	01:30:00	9.907,36	9.531,71	13.686,44
25.11.2019	01:45:00	9.798,22	9.420,36	13.521,74
25.11.2019	02:00:00	9.761,95	9.380,03	13.481,11
25.11.2019	02:15:00	9.647,12	9.264,22	13.406,50
25.11.2019	02:30:00	9.803,74	9.423,57	13.618,60
25.11.2019	02:45:00	9.724,23	9.342,01	13.458,28
25.11.2019	03:00:00	9.673,45	9.185,17	13.537,61
25.11.2019	03:15:00	9.680,20	9.186,40	13.465,15
25.11.2019	03:30:00	9.613,16	9.122,28	13.431,90
25.11.2019	03:45:00	9.575,47	9.084,52	13.391,20
25.11.2019	04:00:00	9.832,11	9.341,37	13.682,83
25.11.2019	04:15:00	9.833,08	9.349,06	13.670,43
25.11.2019	04:30:00	10.005,83	9.597,45	14.010,25
25.11.2019	04:45:00	9.933,23	9.526,96	13.849,67
25.11.2019	05:00:00	9.997,62	9.599,53	14.242,62
25.11.2019	05:15:00	10.059,33	9.686,37	14.814,85
25.11.2019	05:30:00	9.814,45	9.453,02	15.196,39
25.11.2019	05:45:00	10.292,71	9.942,68	16.207,34
25.11.2019	06:00:00	10.513,48	10.169,54	17.357,30
25.11.2019	06:15:00	10.779,01	10.446,77	18.927,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.11.2019	06:30:00	10.979,82	10.669,24	19.751,19
25.11.2019	06:45:00	11.237,00	10.929,64	20.487,74
25.11.2019	07:00:00	11.669,45	11.393,35	21.585,92
25.11.2019	07:15:00	12.235,33	11.967,58	22.893,48
25.11.2019	07:30:00	12.428,08	12.167,31	23.558,25
25.11.2019	07:45:00	12.496,12	12.243,18	24.125,47
25.11.2019	08:00:00	12.388,57	12.128,92	24.320,53
25.11.2019	08:15:00	12.608,07	12.321,49	24.780,78
25.11.2019	08:30:00	12.600,13	12.280,35	24.938,68
25.11.2019	08:45:00	12.684,81	12.324,65	25.250,43
25.11.2019	09:00:00	12.949,59	12.550,22	25.585,79
25.11.2019	09:15:00	13.467,69	12.984,02	25.324,52
25.11.2019	09:30:00	13.550,55	13.072,72	25.420,69
25.11.2019	09:45:00	13.619,02	13.080,42	25.805,99
25.11.2019	10:00:00	13.461,48	12.934,60	25.769,42
25.11.2019	10:15:00	13.904,40	13.347,32	26.162,07
25.11.2019	10:30:00	13.816,33	13.165,82	25.996,20
25.11.2019	10:45:00	13.594,91	12.974,54	25.981,26
25.11.2019	11:00:00	13.606,50	12.833,38	26.001,01
25.11.2019	11:15:00	13.518,42	12.777,38	25.889,70
25.11.2019	11:30:00	13.868,47	13.102,32	26.211,69
25.11.2019	11:45:00	14.171,61	13.391,31	26.519,20
25.11.2019	12:00:00	14.455,73	13.665,87	26.540,26
25.11.2019	12:15:00	14.903,70	14.137,68	26.628,50
25.11.2019	12:30:00	15.302,50	14.554,47	26.694,96
25.11.2019	12:45:00	14.904,58	14.215,33	26.494,26
25.11.2019	13:00:00	14.784,77	14.004,14	26.425,98
25.11.2019	13:15:00	14.510,21	13.765,18	26.271,86
25.11.2019	13:30:00	14.418,93	13.725,19	26.142,39
25.11.2019	13:45:00	14.039,57	13.340,37	25.695,02
25.11.2019	14:00:00	13.831,92	13.160,14	25.420,53
25.11.2019	14:15:00	13.658,40	12.850,18	25.085,30
25.11.2019	14:30:00	13.496,91	12.686,33	24.843,54
25.11.2019	14:45:00	13.436,22	12.723,40	24.421,42
25.11.2019	15:00:00	13.346,43	12.764,24	24.543,20
25.11.2019	15:15:00	13.599,69	13.060,35	24.492,36
25.11.2019	15:30:00	13.571,34	13.057,82	24.381,64
25.11.2019	15:45:00	13.643,06	13.169,26	24.040,74
25.11.2019	16:00:00	13.705,73	13.295,06	23.948,79
25.11.2019	16:15:00	13.967,97	13.597,57	23.835,21
25.11.2019	16:30:00	14.336,43	14.004,02	23.967,60
25.11.2019	16:45:00	14.757,00	14.434,04	24.232,33
25.11.2019	17:00:00	15.410,34	15.088,71	24.605,46
25.11.2019	17:15:00	15.949,62	15.631,26	25.016,45
25.11.2019	17:30:00	16.350,04	16.014,86	25.177,94
25.11.2019	17:45:00	16.691,35	16.353,77	25.366,87
25.11.2019	18:00:00	16.786,27	16.449,93	25.163,72
25.11.2019	18:15:00	16.584,09	16.242,72	24.723,86
25.11.2019	18:30:00	16.453,89	16.127,96	24.232,46
25.11.2019	18:45:00	16.050,88	15.717,17	23.824,05
25.11.2019	19:00:00	15.911,15	15.555,85	23.595,14
25.11.2019	19:15:00	15.865,73	15.511,99	23.565,63
25.11.2019	19:30:00	15.787,65	15.411,72	23.349,29
25.11.2019	19:45:00	15.566,93	15.181,06	22.944,74
25.11.2019	20:00:00	15.295,97	14.946,27	22.463,32
25.11.2019	20:15:00	14.977,79	14.613,03	21.994,10
25.11.2019	20:30:00	15.029,51	14.654,16	21.736,06
25.11.2019	20:45:00	14.793,35	14.417,94	21.383,06
25.11.2019	21:00:00	14.322,74	13.938,25	20.918,94
25.11.2019	21:15:00	14.262,65	13.872,13	20.754,30
25.11.2019	21:30:00	14.925,55	14.543,51	21.383,15
25.11.2019	21:45:00	14.388,83	13.978,29	20.654,46
25.11.2019	22:00:00	13.789,71	13.380,55	19.794,84
25.11.2019	22:15:00	13.667,34	13.243,27	19.476,76
25.11.2019	22:30:00	13.520,31	13.114,21	19.110,81
25.11.2019	22:45:00	13.750,61	13.332,54	19.082,26
25.11.2019	23:00:00	13.702,04	13.297,84	18.891,35
25.11.2019	23:15:00	12.944,03	12.530,62	18.064,07
25.11.2019	23:30:00	12.452,34	12.034,57	17.492,61
25.11.2019	23:45:00	11.774,61	11.353,82	16.720,28
26.11.2019	00:00:00	11.266,15	10.842,76	16.101,10

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.11.2019	00:15:00	10.762,80	10.297,58	15.471,45
26.11.2019	00:30:00	10.367,71	9.923,17	15.129,45
26.11.2019	00:45:00	9.909,60	9.471,25	14.700,17
26.11.2019	01:00:00	9.687,44	9.248,20	14.580,65
26.11.2019	01:15:00	9.423,24	8.983,19	14.248,55
26.11.2019	01:30:00	9.277,61	8.851,20	14.100,56
26.11.2019	01:45:00	9.208,50	8.875,48	13.959,17
26.11.2019	02:00:00	9.059,18	8.700,67	13.744,94
26.11.2019	02:15:00	9.010,91	8.659,59	13.735,38
26.11.2019	02:30:00	9.026,24	8.691,99	13.797,65
26.11.2019	02:45:00	8.977,60	8.645,94	13.744,74
26.11.2019	03:00:00	8.915,80	8.535,99	13.670,64
26.11.2019	03:15:00	8.810,69	8.429,69	13.477,94
26.11.2019	03:30:00	8.775,61	8.391,13	13.416,96
26.11.2019	03:45:00	8.784,27	8.399,14	13.420,52
26.11.2019	04:00:00	8.885,26	8.501,83	13.438,01
26.11.2019	04:15:00	8.961,56	8.528,62	13.426,62
26.11.2019	04:30:00	8.935,80	8.442,19	13.445,15
26.11.2019	04:45:00	9.315,98	8.826,15	13.947,80
26.11.2019	05:00:00	9.339,17	8.858,75	14.282,68
26.11.2019	05:15:00	9.617,45	9.166,67	15.054,77
26.11.2019	05:30:00	9.565,64	9.128,83	15.200,22
26.11.2019	05:45:00	10.142,42	9.716,89	16.248,10
26.11.2019	06:00:00	10.485,37	10.055,18	17.286,36
26.11.2019	06:15:00	10.832,40	10.419,13	18.980,40
26.11.2019	06:30:00	11.027,44	10.650,78	19.914,49
26.11.2019	06:45:00	11.213,02	10.838,63	20.614,14
26.11.2019	07:00:00	11.566,97	11.215,16	21.745,62
26.11.2019	07:15:00	11.997,27	11.645,52	22.595,00
26.11.2019	07:30:00	12.412,54	12.069,04	23.648,43
26.11.2019	07:45:00	12.156,69	11.808,76	23.717,48
26.11.2019	08:00:00	12.185,03	11.832,43	24.137,94
26.11.2019	08:15:00	12.272,64	11.878,96	24.394,10
26.11.2019	08:30:00	12.369,06	11.874,38	24.609,62
26.11.2019	08:45:00	12.156,73	11.454,30	24.501,55
26.11.2019	09:00:00	12.446,52	11.615,24	24.677,36
26.11.2019	09:15:00	12.897,94	11.861,15	24.291,00
26.11.2019	09:30:00	12.497,56	11.292,80	23.771,94
26.11.2019	09:45:00	12.564,10	11.240,48	23.992,07
26.11.2019	10:00:00	12.823,56	11.490,07	24.497,99
26.11.2019	10:15:00	12.881,36	10.984,00	23.747,98
26.11.2019	10:30:00	12.854,79	11.067,71	23.774,95
26.11.2019	10:45:00	12.842,28	11.266,61	24.115,78
26.11.2019	11:00:00	12.780,63	11.293,29	24.359,70
26.11.2019	11:15:00	13.047,68	11.514,79	24.575,29
26.11.2019	11:30:00	12.960,81	11.130,33	24.016,64
26.11.2019	11:45:00	13.173,05	10.786,95	23.440,61
26.11.2019	12:00:00	13.229,04	11.115,87	23.550,77
26.11.2019	12:15:00	13.702,85	11.319,57	23.590,82
26.11.2019	12:30:00	14.275,51	11.457,23	23.300,30
26.11.2019	12:45:00	13.842,13	10.970,82	22.882,06
26.11.2019	13:00:00	13.467,90	11.106,36	23.207,95
26.11.2019	13:15:00	13.294,27	11.236,71	23.311,72
26.11.2019	13:30:00	13.140,77	10.552,84	22.814,98
26.11.2019	13:45:00	12.926,43	10.141,82	22.292,27
26.11.2019	14:00:00	12.752,75	10.773,54	22.850,42
26.11.2019	14:15:00	12.431,18	11.118,77	23.125,44
26.11.2019	14:30:00	12.241,78	11.125,53	23.249,52
26.11.2019	14:45:00	11.762,76	10.610,43	22.293,31
26.11.2019	15:00:00	11.752,39	10.642,49	22.087,65
26.11.2019	15:15:00	12.245,44	11.318,97	22.618,04
26.11.2019	15:30:00	12.137,83	11.239,47	22.229,46
26.11.2019	15:45:00	12.367,04	11.669,12	22.424,94
26.11.2019	16:00:00	12.536,18	11.908,05	22.403,02
26.11.2019	16:15:00	12.794,85	12.327,51	22.414,74
26.11.2019	16:30:00	13.211,09	12.865,65	22.840,18
26.11.2019	16:45:00	13.733,23	13.437,26	23.210,72
26.11.2019	17:00:00	14.886,71	14.620,08	24.447,14
26.11.2019	17:15:00	15.690,69	15.424,31	24.819,00
26.11.2019	17:30:00	15.924,03	15.656,59	24.930,92
26.11.2019	17:45:00	16.297,73	15.989,15	25.051,18

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.11.2019	18:00:00	16.430,59	16.115,67	24.989,28
26.11.2019	18:15:00	16.531,88	16.202,18	24.821,55
26.11.2019	18:30:00	16.318,34	15.987,69	24.365,04
26.11.2019	18:45:00	16.000,74	15.668,33	23.892,23
26.11.2019	19:00:00	15.794,34	15.484,32	23.662,14
26.11.2019	19:15:00	15.836,19	15.518,50	23.559,78
26.11.2019	19:30:00	15.890,92	15.562,12	23.589,36
26.11.2019	19:45:00	15.834,77	15.495,95	23.317,15
26.11.2019	20:00:00	15.408,09	15.055,82	22.731,78
26.11.2019	20:15:00	15.259,89	14.873,23	22.405,79
26.11.2019	20:30:00	15.039,87	14.662,05	21.976,22
26.11.2019	20:45:00	14.915,85	14.513,57	21.728,08
26.11.2019	21:00:00	14.479,60	14.088,25	21.108,43
26.11.2019	21:15:00	14.346,40	13.944,49	20.808,85
26.11.2019	21:30:00	15.141,51	14.752,01	21.515,94
26.11.2019	21:45:00	14.660,15	14.272,09	20.903,63
26.11.2019	22:00:00	14.096,85	13.703,65	20.193,59
26.11.2019	22:15:00	13.895,92	13.505,03	19.841,87
26.11.2019	22:30:00	13.670,43	13.271,08	19.261,59
26.11.2019	22:45:00	13.936,18	13.539,30	19.168,12
26.11.2019	23:00:00	13.578,30	13.163,86	18.682,30
26.11.2019	23:15:00	12.912,71	12.505,51	17.998,14
26.11.2019	23:30:00	12.528,37	12.117,14	17.613,58
26.11.2019	23:45:00	11.973,06	11.555,16	16.986,73
27.11.2019	00:00:00	11.374,32	10.953,35	16.341,80
27.11.2019	00:15:00	10.942,04	10.483,56	15.799,45
27.11.2019	00:30:00	10.562,15	10.127,41	15.459,69
27.11.2019	00:45:00	10.315,76	9.885,99	15.235,15
27.11.2019	01:00:00	10.001,47	9.568,24	14.843,50
27.11.2019	01:15:00	9.708,94	9.305,65	14.639,57
27.11.2019	01:30:00	9.414,02	9.085,14	14.492,54
27.11.2019	01:45:00	9.207,72	8.877,50	14.004,85
27.11.2019	02:00:00	9.123,64	8.795,08	13.918,86
27.11.2019	02:15:00	9.223,81	8.892,69	13.938,79
27.11.2019	02:30:00	9.200,89	8.872,09	13.930,53
27.11.2019	02:45:00	9.197,94	8.866,48	14.028,09
27.11.2019	03:00:00	9.242,47	8.889,73	14.150,88
27.11.2019	03:15:00	9.111,59	8.797,99	14.176,83
27.11.2019	03:30:00	9.177,82	8.881,32	14.198,10
27.11.2019	03:45:00	9.093,73	8.795,38	13.994,33
27.11.2019	04:00:00	9.123,31	8.824,15	14.058,60
27.11.2019	04:15:00	9.285,10	8.890,99	14.049,84
27.11.2019	04:30:00	9.405,39	8.998,50	14.101,62
27.11.2019	04:45:00	9.350,28	8.944,99	14.209,77
27.11.2019	05:00:00	9.555,15	9.161,04	14.748,84
27.11.2019	05:15:00	9.706,53	9.339,17	15.194,31
27.11.2019	05:30:00	9.739,65	9.383,96	15.572,22
27.11.2019	05:45:00	10.231,16	9.884,74	16.332,29
27.11.2019	06:00:00	10.553,88	10.214,19	17.462,65
27.11.2019	06:15:00	10.618,47	10.288,90	18.719,68
27.11.2019	06:30:00	10.894,39	10.592,17	19.701,80
27.11.2019	06:45:00	11.019,61	10.726,46	20.412,22
27.11.2019	07:00:00	11.440,90	11.165,87	21.601,19
27.11.2019	07:15:00	11.926,75	11.647,06	22.712,96
27.11.2019	07:30:00	12.342,85	12.069,01	23.905,53
27.11.2019	07:45:00	12.456,04	12.182,10	24.339,71
27.11.2019	08:00:00	12.711,46	12.451,01	25.034,02
27.11.2019	08:15:00	12.329,24	12.065,07	24.775,42
27.11.2019	08:30:00	12.675,75	12.410,00	25.369,02
27.11.2019	08:45:00	12.873,97	12.621,60	25.681,47
27.11.2019	09:00:00	13.146,02	12.875,79	26.084,19
27.11.2019	09:15:00	13.763,42	13.493,77	26.313,02
27.11.2019	09:30:00	13.730,07	13.441,60	26.319,31
27.11.2019	09:45:00	13.742,35	13.440,00	26.680,52
27.11.2019	10:00:00	13.740,73	13.424,08	26.792,37
27.11.2019	10:15:00	13.982,43	13.564,81	27.064,81
27.11.2019	10:30:00	13.913,53	13.292,51	26.930,09
27.11.2019	10:45:00	13.861,26	13.087,78	27.090,83
27.11.2019	11:00:00	13.899,68	12.973,43	26.942,55
27.11.2019	11:15:00	13.945,10	12.688,64	26.129,45
27.11.2019	11:30:00	13.860,92	12.876,24	26.496,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.11.2019	11:45:00	14.196,10	13.363,54	27.158,04
27.11.2019	12:00:00	14.262,36	13.306,50	26.785,90
27.11.2019	12:15:00	14.343,28	11.930,60	24.920,13
27.11.2019	12:30:00	14.600,77	12.340,23	24.666,92
27.11.2019	12:45:00	14.227,80	10.798,68	23.265,12
27.11.2019	13:00:00	13.879,54	11.098,57	23.699,15
27.11.2019	13:15:00	13.490,97	11.843,78	24.754,28
27.11.2019	13:30:00	13.613,47	12.419,94	25.251,18
27.11.2019	13:45:00	12.771,10	11.028,05	23.796,72
27.11.2019	14:00:00	12.656,06	10.365,80	23.222,98
27.11.2019	14:15:00	12.621,38	11.022,93	23.657,35
27.11.2019	14:30:00	12.602,54	11.165,70	23.504,23
27.11.2019	14:45:00	12.113,99	10.733,27	22.503,97
27.11.2019	15:00:00	12.213,16	10.955,95	22.348,44
27.11.2019	15:15:00	12.274,31	11.351,16	22.426,21
27.11.2019	15:30:00	12.346,14	11.544,34	22.524,96
27.11.2019	15:45:00	12.502,55	11.876,45	22.602,78
27.11.2019	16:00:00	12.731,51	12.244,17	22.696,52
27.11.2019	16:15:00	13.038,38	12.638,86	22.643,33
27.11.2019	16:30:00	13.277,58	12.933,56	22.970,94
27.11.2019	16:45:00	13.789,74	13.455,03	23.277,13
27.11.2019	17:00:00	14.694,43	14.391,77	24.023,31
27.11.2019	17:15:00	15.362,84	15.079,04	24.383,12
27.11.2019	17:30:00	15.790,60	15.478,16	24.443,43
27.11.2019	17:45:00	15.897,37	15.575,34	24.373,97
27.11.2019	18:00:00	16.224,95	15.902,04	24.419,35
27.11.2019	18:15:00	16.251,92	15.920,26	24.289,45
27.11.2019	18:30:00	16.032,58	15.684,53	23.726,54
27.11.2019	18:45:00	15.716,14	15.367,95	23.136,93
27.11.2019	19:00:00	15.422,55	15.073,83	22.855,78
27.11.2019	19:15:00	15.152,21	14.789,86	22.541,36
27.11.2019	19:30:00	15.250,78	14.868,22	22.434,78
27.11.2019	19:45:00	15.106,75	14.722,51	22.360,46
27.11.2019	20:00:00	14.864,80	14.478,36	21.943,56
27.11.2019	20:15:00	14.644,92	14.250,11	21.563,95
27.11.2019	20:30:00	14.353,84	13.974,98	21.004,73
27.11.2019	20:45:00	14.174,64	13.790,02	20.785,84
27.11.2019	21:00:00	13.918,97	13.532,45	20.435,30
27.11.2019	21:15:00	13.888,08	13.497,05	20.389,16
27.11.2019	21:30:00	14.575,30	14.155,63	20.893,30
27.11.2019	21:45:00	13.910,68	13.469,45	20.053,62
27.11.2019	22:00:00	13.426,45	12.980,91	19.209,39
27.11.2019	22:15:00	13.286,77	12.861,30	18.935,50
27.11.2019	22:30:00	12.975,53	12.572,70	18.426,89
27.11.2019	22:45:00	13.084,46	12.680,52	18.247,80
27.11.2019	23:00:00	12.923,70	12.516,62	17.998,75
27.11.2019	23:15:00	12.202,67	11.789,08	17.092,10
27.11.2019	23:30:00	11.579,73	11.187,69	16.492,28
27.11.2019	23:45:00	10.817,25	10.483,23	15.666,96
28.11.2019	00:00:00	10.171,06	9.801,65	14.940,50
28.11.2019	00:15:00	9.608,41	9.235,46	14.353,99
28.11.2019	00:30:00	9.095,36	8.722,20	13.773,03
28.11.2019	00:45:00	8.520,59	8.214,26	13.289,08
28.11.2019	01:00:00	8.382,15	8.246,59	13.309,97
28.11.2019	01:15:00	8.188,66	8.004,86	13.253,69
28.11.2019	01:30:00	7.970,55	7.784,08	12.802,74
28.11.2019	01:45:00	7.736,40	7.547,72	12.579,91
28.11.2019	02:00:00	7.599,29	7.421,74	12.313,87
28.11.2019	02:15:00	7.501,45	7.311,68	12.178,89
28.11.2019	02:30:00	7.579,49	7.195,32	12.005,25
28.11.2019	02:45:00	7.522,44	7.135,47	11.938,71
28.11.2019	03:00:00	7.501,47	7.110,04	11.928,00
28.11.2019	03:15:00	7.421,82	7.026,57	11.934,71
28.11.2019	03:30:00	7.560,41	7.166,80	12.129,39
28.11.2019	03:45:00	7.571,53	7.178,23	12.093,97
28.11.2019	04:00:00	7.720,90	7.298,17	12.025,85
28.11.2019	04:15:00	7.982,11	7.482,73	12.312,24
28.11.2019	04:30:00	8.068,48	7.569,19	12.351,61
28.11.2019	04:45:00	8.236,09	7.757,11	12.777,92
28.11.2019	05:00:00	8.521,93	8.045,86	13.391,69
28.11.2019	05:15:00	8.821,06	8.356,39	14.135,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.11.2019	05:30:00	8.928,16	8.481,89	14.498,38
28.11.2019	05:45:00	9.304,76	8.870,13	15.324,37
28.11.2019	06:00:00	9.744,28	9.316,41	16.483,65
28.11.2019	06:15:00	10.075,94	9.659,97	18.152,40
28.11.2019	06:30:00	10.297,65	9.905,49	19.123,92
28.11.2019	06:45:00	10.423,08	10.042,49	19.879,05
28.11.2019	07:00:00	11.188,28	10.836,39	21.390,64
28.11.2019	07:15:00	11.648,91	11.291,51	22.280,23
28.11.2019	07:30:00	11.968,53	11.611,85	22.987,16
28.11.2019	07:45:00	12.010,41	11.656,53	23.366,15
28.11.2019	08:00:00	11.756,14	11.403,80	23.641,09
28.11.2019	08:15:00	11.905,21	11.577,05	24.187,35
28.11.2019	08:30:00	12.003,95	11.596,21	24.377,78
28.11.2019	08:45:00	11.916,62	11.414,46	24.338,11
28.11.2019	09:00:00	11.922,78	11.207,67	24.021,99
28.11.2019	09:15:00	12.631,35	12.093,40	24.448,02
28.11.2019	09:30:00	12.666,79	12.119,60	24.372,18
28.11.2019	09:45:00	12.618,07	11.659,08	24.200,81
28.11.2019	10:00:00	12.573,27	11.396,76	24.083,93
28.11.2019	10:15:00	12.512,85	10.285,87	22.992,07
28.11.2019	10:30:00	12.451,24	11.015,49	23.579,88
28.11.2019	10:45:00	12.678,93	11.664,66	24.653,72
28.11.2019	11:00:00	12.665,88	11.448,79	24.505,16
28.11.2019	11:15:00	12.996,48	11.568,67	24.492,41
28.11.2019	11:30:00	12.661,33	11.465,19	24.443,08
28.11.2019	11:45:00	13.239,79	12.470,82	25.543,11
28.11.2019	12:00:00	13.077,56	11.573,35	24.410,25
28.11.2019	12:15:00	13.393,49	12.003,88	24.437,02
28.11.2019	12:30:00	14.125,01	12.795,66	25.023,21
28.11.2019	12:45:00	13.506,06	11.451,88	23.175,86
28.11.2019	13:00:00	13.008,03	11.944,26	24.058,64
28.11.2019	13:15:00	13.015,33	12.071,25	24.432,17
28.11.2019	13:30:00	13.171,82	12.246,15	24.754,54
28.11.2019	13:45:00	13.151,36	11.662,85	24.274,82
28.11.2019	14:00:00	13.250,63	11.513,59	23.905,62
28.11.2019	14:15:00	12.782,55	11.654,27	23.945,24
28.11.2019	14:30:00	12.503,29	10.743,32	22.692,32
28.11.2019	14:45:00	12.000,78	10.338,62	21.914,09
28.11.2019	15:00:00	12.210,58	11.146,63	22.695,76
28.11.2019	15:15:00	12.572,06	11.929,22	23.331,65
28.11.2019	15:30:00	12.570,65	11.854,47	22.704,96
28.11.2019	15:45:00	12.559,42	11.918,98	22.388,64
28.11.2019	16:00:00	12.826,20	12.450,87	22.744,68
28.11.2019	16:15:00	13.393,20	13.059,21	23.186,32
28.11.2019	16:30:00	13.726,85	13.440,30	23.339,05
28.11.2019	16:45:00	14.165,94	13.887,22	23.553,64
28.11.2019	17:00:00	14.925,91	14.657,55	24.061,72
28.11.2019	17:15:00	15.665,50	15.400,87	24.582,59
28.11.2019	17:30:00	15.780,15	15.517,65	24.447,48
28.11.2019	17:45:00	15.974,71	15.678,23	24.394,55
28.11.2019	18:00:00	16.013,51	15.744,36	24.349,98
28.11.2019	18:15:00	15.866,99	15.573,88	23.891,41
28.11.2019	18:30:00	15.694,05	15.375,38	23.469,59
28.11.2019	18:45:00	15.389,35	15.086,12	22.871,85
28.11.2019	19:00:00	15.096,48	14.788,60	22.649,68
28.11.2019	19:15:00	15.332,97	15.020,31	22.861,80
28.11.2019	19:30:00	15.430,33	15.062,38	22.933,23
28.11.2019	19:45:00	15.214,13	14.870,88	22.346,54
28.11.2019	20:00:00	14.968,06	14.616,81	21.860,30
28.11.2019	20:15:00	14.685,50	14.309,85	21.415,12
28.11.2019	20:30:00	14.583,84	14.198,21	21.238,47
28.11.2019	20:45:00	14.488,95	14.101,41	20.946,56
28.11.2019	21:00:00	13.964,22	13.571,48	20.344,53
28.11.2019	21:15:00	13.803,14	13.404,60	20.156,85
28.11.2019	21:30:00	14.730,88	14.341,11	20.959,86
28.11.2019	21:45:00	14.167,69	13.772,22	20.209,71
28.11.2019	22:00:00	13.694,24	13.280,12	19.580,04
28.11.2019	22:15:00	13.497,78	13.095,30	19.255,27
28.11.2019	22:30:00	13.091,58	12.687,31	18.574,06
28.11.2019	22:45:00	13.261,53	12.949,08	18.530,82
28.11.2019	23:00:00	13.257,60	12.961,83	18.478,69

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.11.2019	23:15:00	12.631,81	12.329,03	17.604,95
28.11.2019	23:30:00	11.916,13	11.605,90	16.878,73
28.11.2019	23:45:00	11.421,48	11.107,05	16.258,77
29.11.2019	00:00:00	10.800,96	10.481,59	15.577,75
29.11.2019	00:15:00	10.288,01	9.962,00	14.948,54
29.11.2019	00:30:00	9.816,06	9.470,12	14.480,44
29.11.2019	00:45:00	9.297,22	8.963,04	13.993,63
29.11.2019	01:00:00	9.032,18	8.695,15	13.700,76
29.11.2019	01:15:00	8.760,26	8.422,21	13.532,11
29.11.2019	01:30:00	8.537,13	8.197,48	13.181,36
29.11.2019	01:45:00	8.501,63	8.161,75	12.917,09
29.11.2019	02:00:00	8.199,11	7.847,38	12.561,77
29.11.2019	02:15:00	8.200,95	7.859,24	12.535,50
29.11.2019	02:30:00	8.290,93	7.950,58	12.640,08
29.11.2019	02:45:00	8.328,09	7.993,39	12.889,09
29.11.2019	03:00:00	8.376,56	8.013,32	12.857,98
29.11.2019	03:15:00	8.347,00	8.007,43	12.769,66
29.11.2019	03:30:00	8.369,41	8.027,88	12.806,22
29.11.2019	03:45:00	8.554,40	8.086,83	12.878,87
29.11.2019	04:00:00	8.678,95	8.183,68	12.985,14
29.11.2019	04:15:00	8.846,29	8.350,63	13.210,65
29.11.2019	04:30:00	9.043,42	8.550,54	13.314,80
29.11.2019	04:45:00	8.992,92	8.503,81	13.399,49
29.11.2019	05:00:00	9.088,83	8.615,36	13.930,06
29.11.2019	05:15:00	9.394,56	8.934,86	14.707,53
29.11.2019	05:30:00	9.310,86	8.895,04	14.975,34
29.11.2019	05:45:00	9.627,64	9.201,75	15.540,12
29.11.2019	06:00:00	9.906,83	9.473,25	16.449,65
29.11.2019	06:15:00	10.143,69	9.728,55	17.967,66
29.11.2019	06:30:00	10.222,12	9.816,63	18.886,84
29.11.2019	06:45:00	10.599,10	10.213,54	19.734,06
29.11.2019	07:00:00	11.136,72	10.768,19	20.991,86
29.11.2019	07:15:00	11.743,24	11.373,57	22.035,88
29.11.2019	07:30:00	12.136,40	11.762,91	23.105,03
29.11.2019	07:45:00	12.207,32	11.844,28	23.601,62
29.11.2019	08:00:00	11.974,25	11.624,71	23.859,20
29.11.2019	08:15:00	12.236,24	11.856,14	24.445,87
29.11.2019	08:30:00	12.231,71	11.816,91	24.452,49
29.11.2019	08:45:00	12.474,66	12.017,43	24.782,29
29.11.2019	09:00:00	12.558,75	11.899,92	24.549,09
29.11.2019	09:15:00	13.226,24	12.724,42	25.055,20
29.11.2019	09:30:00	13.183,78	12.626,32	24.775,04
29.11.2019	09:45:00	13.053,75	11.978,07	24.496,91
29.11.2019	10:00:00	13.134,26	11.361,17	23.925,00
29.11.2019	10:15:00	12.884,99	12.026,71	24.591,06
29.11.2019	10:30:00	13.162,76	12.612,95	25.342,15
29.11.2019	10:45:00	13.316,61	12.756,02	25.683,74
29.11.2019	11:00:00	13.580,66	12.998,71	25.742,66
29.11.2019	11:15:00	13.637,96	12.816,29	25.654,19
29.11.2019	11:30:00	13.678,57	12.193,15	24.820,12
29.11.2019	11:45:00	13.955,68	12.014,72	24.547,74
29.11.2019	12:00:00	14.167,62	12.868,94	25.375,16
29.11.2019	12:15:00	14.622,99	13.719,94	25.275,17
29.11.2019	12:30:00	15.022,95	14.502,97	25.583,16
29.11.2019	12:45:00	14.511,39	14.064,08	25.222,24
29.11.2019	13:00:00	14.554,34	13.876,01	24.947,34
29.11.2019	13:15:00	14.489,10	13.963,64	24.930,58
29.11.2019	13:30:00	14.625,55	14.151,32	25.234,49
29.11.2019	13:45:00	14.429,11	13.859,48	24.662,46
29.11.2019	14:00:00	14.169,01	13.555,75	24.356,58
29.11.2019	14:15:00	14.016,78	13.476,08	24.182,66
29.11.2019	14:30:00	14.078,52	13.652,35	24.233,45
29.11.2019	14:45:00	14.063,73	13.683,70	24.073,42
29.11.2019	15:00:00	14.087,32	13.703,27	23.879,41
29.11.2019	15:15:00	13.876,26	13.467,30	23.450,78
29.11.2019	15:30:00	13.698,06	13.278,19	23.111,70
29.11.2019	15:45:00	13.680,10	13.259,50	22.643,21
29.11.2019	16:00:00	13.885,10	13.495,20	22.740,33
29.11.2019	16:15:00	14.130,11	13.774,00	22.791,52
29.11.2019	16:30:00	14.368,72	14.013,06	22.628,13
29.11.2019	16:45:00	14.938,13	14.588,35	23.245,24

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.11.2019	17:00:00	15.572,98	15.223,40	23.758,76
29.11.2019	17:15:00	15.747,74	15.393,44	23.705,78
29.11.2019	17:30:00	16.054,98	15.700,74	23.830,06
29.11.2019	17:45:00	16.182,18	15.830,60	23.784,71
29.11.2019	18:00:00	16.022,37	15.705,16	23.574,02
29.11.2019	18:15:00	15.891,52	15.572,24	23.170,50
29.11.2019	18:30:00	15.840,03	15.520,83	22.986,90
29.11.2019	18:45:00	15.579,56	15.252,34	22.632,13
29.11.2019	19:00:00	15.345,41	15.016,84	22.281,10
29.11.2019	19:15:00	15.138,47	14.810,63	21.863,92
29.11.2019	19:30:00	15.307,41	14.932,07	21.864,05
29.11.2019	19:45:00	14.941,98	14.578,45	21.338,62
29.11.2019	20:00:00	14.496,92	14.137,53	20.808,46
29.11.2019	20:15:00	14.502,35	14.127,61	20.511,33
29.11.2019	20:30:00	14.127,95	13.742,31	19.857,33
29.11.2019	20:45:00	14.063,44	13.677,92	19.696,52
29.11.2019	21:00:00	13.790,09	13.402,26	19.180,62
29.11.2019	21:15:00	13.703,87	13.313,50	18.988,22
29.11.2019	21:30:00	14.814,90	14.429,06	20.070,65
29.11.2019	21:45:00	14.559,46	14.168,72	19.832,03
29.11.2019	22:00:00	14.117,66	13.725,54	19.335,52
29.11.2019	22:15:00	14.187,89	13.793,84	19.288,93
29.11.2019	22:30:00	14.446,92	14.056,66	19.457,79
29.11.2019	22:45:00	14.735,29	14.345,73	19.501,48
29.11.2019	23:00:00	14.776,77	14.384,27	19.247,81
29.11.2019	23:15:00	14.143,91	13.747,63	18.494,74
29.11.2019	23:30:00	13.575,61	13.166,34	17.887,24
29.11.2019	23:45:00	13.023,17	12.704,13	17.399,22
30.11.2019	00:00:00	12.647,85	12.346,80	16.955,77
30.11.2019	00:15:00	12.200,80	11.858,97	16.413,08
30.11.2019	00:30:00	11.781,65	11.472,39	16.130,55
30.11.2019	00:45:00	11.455,32	11.143,46	15.769,64
30.11.2019	01:00:00	11.282,30	10.970,28	15.675,04
30.11.2019	01:15:00	10.987,12	10.671,56	15.287,15
30.11.2019	01:30:00	10.811,41	10.495,14	15.213,92
30.11.2019	01:45:00	10.579,92	10.251,23	14.928,10
30.11.2019	02:00:00	10.342,02	10.024,62	14.656,13
30.11.2019	02:15:00	10.200,90	9.882,08	14.433,02
30.11.2019	02:30:00	10.271,47	9.952,37	14.289,21
30.11.2019	02:45:00	10.088,56	9.767,50	14.112,12
30.11.2019	03:00:00	10.055,27	9.730,12	14.094,98
30.11.2019	03:15:00	9.926,94	9.601,91	13.879,91
30.11.2019	03:30:00	9.674,72	9.349,51	13.706,60
30.11.2019	03:45:00	9.741,98	9.390,64	13.616,92
30.11.2019	04:00:00	9.656,60	9.216,60	13.221,26
30.11.2019	04:15:00	9.732,50	9.343,68	13.367,06
30.11.2019	04:30:00	9.836,26	9.480,26	13.522,50
30.11.2019	04:45:00	9.622,34	9.268,31	13.449,38
30.11.2019	05:00:00	9.607,96	9.262,23	13.557,50
30.11.2019	05:15:00	9.486,86	9.156,93	13.482,10
30.11.2019	05:30:00	9.231,10	8.907,40	13.253,66
30.11.2019	05:45:00	9.492,56	9.170,44	13.599,30
30.11.2019	06:00:00	9.563,28	9.242,76	13.752,19
30.11.2019	06:15:00	9.466,75	9.153,82	13.773,89
30.11.2019	06:30:00	9.536,33	9.234,64	13.959,96
30.11.2019	06:45:00	9.306,42	9.013,87	13.764,95
30.11.2019	07:00:00	9.435,60	9.142,58	14.047,78
30.11.2019	07:15:00	9.977,53	9.672,62	14.682,32
30.11.2019	07:30:00	10.318,33	10.004,89	15.190,94
30.11.2019	07:45:00	10.703,80	10.395,65	15.713,19
30.11.2019	08:00:00	10.728,84	10.443,81	15.898,68
30.11.2019	08:15:00	11.175,32	10.872,01	16.311,54
30.11.2019	08:30:00	11.298,63	10.915,50	16.435,19
30.11.2019	08:45:00	11.691,16	11.227,97	16.811,35
30.11.2019	09:00:00	11.758,58	11.181,56	16.852,33
30.11.2019	09:15:00	12.209,20	11.544,99	17.161,68
30.11.2019	09:30:00	12.540,79	11.646,61	17.229,42
30.11.2019	09:45:00	12.739,07	11.827,00	17.346,19
30.11.2019	10:00:00	13.094,11	12.144,00	17.569,80
30.11.2019	10:15:00	13.005,99	11.984,89	17.622,16
30.11.2019	10:30:00	13.136,72	11.875,36	17.389,11

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30.11.2019	10:45:00	13.128,68	11.685,69	17.106,81
30.11.2019	11:00:00	13.176,14	11.865,03	17.281,93
30.11.2019	11:15:00	13.292,16	11.829,19	17.192,84
30.11.2019	11:30:00	12.826,31	10.994,55	16.418,04
30.11.2019	11:45:00	12.466,35	10.812,25	16.241,58
30.11.2019	12:00:00	12.601,26	10.577,86	15.857,84
30.11.2019	12:15:00	13.197,76	10.585,50	15.757,46
30.11.2019	12:30:00	12.863,74	11.509,88	16.630,68
30.11.2019	12:45:00	12.785,08	11.602,84	16.703,74
30.11.2019	13:00:00	13.609,87	12.523,84	17.508,85
30.11.2019	13:15:00	13.985,16	12.690,35	17.699,66
30.11.2019	13:30:00	14.622,00	13.249,10	18.188,97
30.11.2019	13:45:00	14.286,97	12.950,09	17.895,48
30.11.2019	14:00:00	13.724,76	12.478,54	17.335,93
30.11.2019	14:15:00	13.407,04	12.026,58	16.902,82
30.11.2019	14:30:00	12.768,38	11.590,86	16.520,10
30.11.2019	14:45:00	12.322,77	11.113,45	16.020,44
30.11.2019	15:00:00	12.440,81	11.230,03	16.149,38
30.11.2019	15:15:00	12.472,84	11.394,53	16.247,14
30.11.2019	15:30:00	12.454,23	11.510,55	16.326,72
30.11.2019	15:45:00	12.644,56	11.826,21	16.682,95
30.11.2019	16:00:00	12.616,40	11.933,10	16.821,63
30.11.2019	16:15:00	12.839,94	12.302,36	17.240,20
30.11.2019	16:30:00	13.182,06	12.752,10	17.540,21
30.11.2019	16:45:00	13.724,36	13.330,52	18.136,44
30.11.2019	17:00:00	14.766,29	14.387,17	19.277,54
30.11.2019	17:15:00	15.035,90	14.661,50	19.589,61
30.11.2019	17:30:00	15.246,78	14.833,55	19.699,94
30.11.2019	17:45:00	15.462,17	15.037,58	19.944,25
30.11.2019	18:00:00	15.384,74	14.968,91	19.834,00
30.11.2019	18:15:00	15.257,86	14.842,15	19.634,40
30.11.2019	18:30:00	15.150,92	14.732,56	19.510,46
30.11.2019	18:45:00	14.971,71	14.571,68	19.405,49
30.11.2019	19:00:00	14.569,33	14.304,32	19.107,96
30.11.2019	19:15:00	14.826,01	14.554,89	19.330,18
30.11.2019	19:30:00	14.697,02	14.379,97	19.187,85
30.11.2019	19:45:00	14.611,33	14.311,45	19.009,29
30.11.2019	20:00:00	14.280,78	13.973,64	18.682,10
30.11.2019	20:15:00	14.021,36	13.710,25	18.261,15
30.11.2019	20:30:00	13.896,21	13.576,87	17.902,54
30.11.2019	20:45:00	13.778,72	13.454,62	17.865,25
30.11.2019	21:00:00	13.759,09	13.430,69	17.770,54
30.11.2019	21:15:00	13.821,33	13.493,17	17.747,24
30.11.2019	21:30:00	14.902,66	14.574,73	18.923,68
30.11.2019	21:45:00	14.424,00	14.099,62	18.332,59
30.11.2019	22:00:00	14.140,52	13.747,20	17.883,31
30.11.2019	22:15:00	14.310,92	13.881,85	18.147,22
30.11.2019	22:30:00	14.567,32	14.171,83	18.426,78
30.11.2019	22:45:00	14.909,28	14.479,32	18.677,36
30.11.2019	23:00:00	15.090,54	14.683,51	18.792,53
30.11.2019	23:15:00	14.394,19	13.965,42	18.040,83
30.11.2019	23:30:00	13.848,07	13.408,99	17.508,78
30.11.2019	23:45:00	13.290,40	12.879,05	16.857,30
01.12.2019	00:00:00	12.903,42	12.489,42	16.420,34
01.12.2019	00:15:00	12.438,55	12.019,96	15.891,10
01.12.2019	00:30:00	12.051,17	11.630,79	15.416,31
01.12.2019	00:45:00	11.772,50	11.348,17	15.100,86
01.12.2019	01:00:00	11.537,79	11.113,96	14.894,63
01.12.2019	01:15:00	11.318,03	10.891,32	14.674,36
01.12.2019	01:30:00	11.024,34	10.597,21	14.387,49
01.12.2019	01:45:00	10.753,64	10.321,90	14.106,98
01.12.2019	02:00:00	10.608,72	10.177,13	14.029,60
01.12.2019	02:15:00	10.497,67	10.062,84	13.922,26
01.12.2019	02:30:00	10.451,25	10.014,87	13.782,16
01.12.2019	02:45:00	10.416,27	9.933,28	13.740,22
01.12.2019	03:00:00	10.347,59	9.870,23	13.655,07
01.12.2019	03:15:00	10.036,07	9.587,77	13.300,55
01.12.2019	03:30:00	9.987,94	9.613,16	13.349,26
01.12.2019	03:45:00	10.086,03	9.719,69	13.441,38
01.12.2019	04:00:00	10.047,98	9.672,69	13.374,03
01.12.2019	04:15:00	10.078,24	9.703,57	13.357,65

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01.12.2019	04:30:00	10.057,89	9.686,32	13.349,90
01.12.2019	04:45:00	9.836,51	9.471,32	13.150,96
01.12.2019	05:00:00	9.659,64	9.301,94	13.047,45
01.12.2019	05:15:00	9.642,54	9.271,42	12.980,16
01.12.2019	05:30:00	9.318,16	8.998,24	12.809,00
01.12.2019	05:45:00	9.370,64	9.084,86	12.906,98
01.12.2019	06:00:00	9.383,46	9.136,53	12.913,96
01.12.2019	06:15:00	9.116,43	8.841,99	12.724,10
01.12.2019	06:30:00	8.853,32	8.459,09	12.388,12
01.12.2019	06:45:00	8.594,19	8.192,93	12.057,46
01.12.2019	07:00:00	8.511,11	8.106,95	11.930,76
01.12.2019	07:15:00	8.876,17	8.488,60	12.309,04
01.12.2019	07:30:00	9.222,48	8.838,16	12.747,88
01.12.2019	07:45:00	9.485,91	9.104,20	13.012,30
01.12.2019	08:00:00	9.615,98	9.239,30	13.128,17
01.12.2019	08:15:00	9.980,62	9.603,69	13.462,00
01.12.2019	08:30:00	10.186,51	9.780,85	13.669,28
01.12.2019	08:45:00	10.492,65	10.063,12	13.951,54
01.12.2019	09:00:00	10.967,17	10.535,30	14.468,16
01.12.2019	09:15:00	11.363,37	10.932,44	14.941,36
01.12.2019	09:30:00	11.787,62	11.321,80	15.327,35
01.12.2019	09:45:00	12.039,32	11.503,77	15.497,12
01.12.2019	10:00:00	12.370,69	11.710,36	15.651,34
01.12.2019	10:15:00	12.722,06	12.203,08	16.289,51
01.12.2019	10:30:00	13.339,37	12.828,74	16.836,76
01.12.2019	10:45:00	13.341,16	12.739,85	16.780,37
01.12.2019	11:00:00	13.463,84	12.768,74	16.831,43
01.12.2019	11:15:00	13.982,14	13.295,72	17.345,36
01.12.2019	11:30:00	14.305,06	13.421,38	17.413,11
01.12.2019	11:45:00	14.474,51	13.353,85	17.277,08
01.12.2019	12:00:00	14.599,29	13.647,96	17.637,30
01.12.2019	12:15:00	14.724,03	14.034,38	18.240,66
01.12.2019	12:30:00	15.425,47	14.529,11	18.635,28
01.12.2019	12:45:00	15.052,82	14.020,55	18.093,72
01.12.2019	13:00:00	14.976,96	13.811,33	17.873,77
01.12.2019	13:15:00	14.961,23	14.112,56	18.261,24
01.12.2019	13:30:00	15.430,66	14.389,67	18.487,47
01.12.2019	13:45:00	15.001,24	14.067,32	18.148,10
01.12.2019	14:00:00	14.761,38	13.685,09	17.665,20
01.12.2019	14:15:00	14.173,77	13.211,22	17.184,52
01.12.2019	14:30:00	14.001,88	13.205,67	17.240,19
01.12.2019	14:45:00	13.681,16	12.918,60	16.899,42
01.12.2019	15:00:00	13.311,86	12.648,36	16.644,88
01.12.2019	15:15:00	13.262,49	12.689,87	16.662,56
01.12.2019	15:30:00	13.037,20	12.554,01	16.584,86
01.12.2019	15:45:00	13.178,39	12.758,77	16.815,04
01.12.2019	16:00:00	13.175,86	12.581,15	16.740,54
01.12.2019	16:15:00	13.106,68	12.519,01	16.695,52
01.12.2019	16:30:00	13.252,20	12.736,85	16.915,30
01.12.2019	16:45:00	13.718,83	13.226,94	17.417,28
01.12.2019	17:00:00	14.595,29	14.108,56	18.353,22
01.12.2019	17:15:00	14.924,69	14.431,15	18.737,91
01.12.2019	17:30:00	15.173,05	14.672,37	18.903,62
01.12.2019	17:45:00	15.389,16	14.896,32	19.116,25
01.12.2019	18:00:00	15.465,70	15.082,71	19.249,20
01.12.2019	18:15:00	15.444,04	15.062,89	19.255,01
01.12.2019	18:30:00	15.129,19	14.751,63	18.930,48
01.12.2019	18:45:00	15.152,56	14.774,24	18.867,70
01.12.2019	19:00:00	14.948,57	14.568,77	18.589,94
01.12.2019	19:15:00	15.058,24	14.675,46	18.828,00
01.12.2019	19:30:00	15.212,34	14.820,17	18.930,76
01.12.2019	19:45:00	14.968,94	14.574,41	18.776,28
01.12.2019	20:00:00	14.594,15	14.198,06	18.355,39
01.12.2019	20:15:00	14.613,88	14.222,22	18.289,89
01.12.2019	20:30:00	14.484,69	14.083,84	18.243,22
01.12.2019	20:45:00	14.488,80	14.032,05	18.203,52
01.12.2019	21:00:00	14.111,54	13.593,23	17.654,17
01.12.2019	21:15:00	14.002,97	13.481,30	17.450,79
01.12.2019	21:30:00	14.934,96	14.390,21	18.383,80
01.12.2019	21:45:00	14.441,40	13.872,52	17.955,06
01.12.2019	22:00:00	13.982,25	13.412,50	17.490,08

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
01.12.2019	22:15:00	14.063,99	13.495,46	17.665,15
01.12.2019	22:30:00	13.843,40	13.271,81	17.535,94
01.12.2019	22:45:00	14.097,70	13.529,07	17.839,56
01.12.2019	23:00:00	14.027,35	13.453,41	17.699,56
01.12.2019	23:15:00	13.212,37	12.632,63	16.925,13
01.12.2019	23:30:00	12.665,27	12.078,01	16.389,21
01.12.2019	23:45:00	12.045,87	11.453,22	15.713,28
02.12.2019	00:00:00	11.628,32	11.031,25	15.282,22
02.12.2019	00:15:00	11.251,94	10.652,47	14.891,17
02.12.2019	00:30:00	10.841,80	10.242,18	14.473,81
02.12.2019	00:45:00	10.477,62	9.872,35	14.049,34
02.12.2019	01:00:00	10.147,14	9.537,02	13.696,00
02.12.2019	01:15:00	9.920,81	9.310,48	13.548,48
02.12.2019	01:30:00	9.730,48	9.121,73	13.450,37
02.12.2019	01:45:00	9.592,02	8.980,34	13.146,86
02.12.2019	02:00:00	9.430,31	8.817,51	12.906,70
02.12.2019	02:15:00	9.463,86	8.849,69	13.006,63
02.12.2019	02:30:00	9.535,61	8.920,38	13.116,67
02.12.2019	02:45:00	9.505,24	8.895,20	13.112,94
02.12.2019	03:00:00	9.515,67	8.900,59	13.269,38
02.12.2019	03:15:00	9.294,88	8.680,43	13.035,37
02.12.2019	03:30:00	9.348,39	8.735,64	13.147,45
02.12.2019	03:45:00	9.570,93	8.960,38	13.281,32
02.12.2019	04:00:00	9.573,19	8.966,35	13.345,95
02.12.2019	04:15:00	9.644,27	9.032,79	13.423,93
02.12.2019	04:30:00	9.725,87	9.116,71	13.394,06
02.12.2019	04:45:00	9.712,10	9.102,16	13.457,99
02.12.2019	05:00:00	9.973,16	9.375,49	14.295,01
02.12.2019	05:15:00	10.344,87	9.771,47	15.338,30
02.12.2019	05:30:00	10.218,01	9.661,17	15.427,20
02.12.2019	05:45:00	10.599,65	10.048,46	16.028,34
02.12.2019	06:00:00	10.903,36	10.360,99	17.151,64
02.12.2019	06:15:00	10.951,81	10.417,47	18.698,38
02.12.2019	06:30:00	11.068,14	10.551,83	19.584,26
02.12.2019	06:45:00	11.191,05	10.682,92	20.219,65
02.12.2019	07:00:00	11.765,88	11.285,47	21.645,41
02.12.2019	07:15:00	12.445,45	11.962,78	23.050,52
02.12.2019	07:30:00	12.638,25	12.171,20	23.642,29
02.12.2019	07:45:00	12.630,95	12.168,08	24.138,72
02.12.2019	08:00:00	12.607,26	12.153,49	24.590,08
02.12.2019	08:15:00	12.890,56	12.431,86	25.270,73
02.12.2019	08:30:00	12.860,36	12.355,28	25.128,64
02.12.2019	08:45:00	13.035,79	12.509,97	25.315,23
02.12.2019	09:00:00	13.253,81	12.655,51	25.485,75
02.12.2019	09:15:00	13.660,58	12.917,26	25.360,84
02.12.2019	09:30:00	13.745,71	12.972,31	25.299,50
02.12.2019	09:45:00	13.314,28	11.904,33	24.650,03
02.12.2019	10:00:00	13.494,35	11.273,76	24.177,85
02.12.2019	10:15:00	12.889,73	11.585,97	24.386,32
02.12.2019	10:30:00	13.433,90	11.534,78	24.254,33
02.12.2019	10:45:00	12.375,79	10.907,38	23.928,43
02.12.2019	11:00:00	12.248,79	10.725,43	23.715,84
02.12.2019	11:15:00	12.780,36	10.982,80	23.932,32
02.12.2019	11:30:00	14.431,06	10.891,70	23.609,31
02.12.2019	11:45:00	14.695,56	10.994,42	23.835,84
02.12.2019	12:00:00	14.460,12	11.811,33	24.281,80
02.12.2019	12:15:00	13.846,77	12.357,02	24.487,86
02.12.2019	12:30:00	14.734,43	13.086,76	24.929,22
02.12.2019	12:45:00	14.026,69	12.627,97	24.405,15
02.12.2019	13:00:00	14.963,41	11.961,46	23.827,40
02.12.2019	13:15:00	14.267,38	11.919,86	23.893,31
02.12.2019	13:30:00	13.535,49	11.774,03	24.061,02
02.12.2019	13:45:00	13.682,96	11.251,82	23.431,12
02.12.2019	14:00:00	13.345,59	11.593,96	23.560,20
02.12.2019	14:15:00	13.330,55	12.017,08	23.614,38
02.12.2019	14:30:00	12.667,03	11.241,28	22.517,98
02.12.2019	14:45:00	12.929,29	11.617,02	22.526,62
02.12.2019	15:00:00	13.082,96	12.444,17	23.358,22
02.12.2019	15:15:00	13.231,12	12.758,18	23.432,90
02.12.2019	15:30:00	13.241,36	12.768,69	23.234,89
02.12.2019	15:45:00	13.497,71	12.959,13	23.449,34

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
02.12.2019	16:00:00	13.680,54	13.129,89	23.749,19
02.12.2019	16:15:00	13.891,95	13.369,72	23.451,34
02.12.2019	16:30:00	14.201,72	13.720,24	23.635,34
02.12.2019	16:45:00	14.687,62	14.239,72	24.070,28
02.12.2019	17:00:00	15.339,95	14.885,26	24.548,40
02.12.2019	17:15:00	16.119,47	15.660,03	25.178,01
02.12.2019	17:30:00	16.499,35	16.042,99	25.189,50
02.12.2019	17:45:00	16.932,52	16.475,49	25.437,76
02.12.2019	18:00:00	16.953,89	16.494,27	25.304,26
02.12.2019	18:15:00	16.951,77	16.487,63	25.072,28
02.12.2019	18:30:00	16.880,97	16.409,87	24.732,57
02.12.2019	18:45:00	16.722,66	16.258,63	24.406,76
02.12.2019	19:00:00	16.525,11	16.051,53	24.123,43
02.12.2019	19:15:00	16.460,88	15.976,36	23.843,44
02.12.2019	19:30:00	16.469,66	15.967,86	23.784,77
02.12.2019	19:45:00	16.253,98	15.752,99	23.473,96
02.12.2019	20:00:00	16.128,85	15.622,38	23.167,40
02.12.2019	20:15:00	15.799,94	15.282,49	22.686,54
02.12.2019	20:30:00	15.548,40	15.015,66	22.301,00
02.12.2019	20:45:00	15.232,11	14.689,09	21.906,63
02.12.2019	21:00:00	14.716,30	14.189,06	21.452,45
02.12.2019	21:15:00	14.752,53	14.221,85	21.443,57
02.12.2019	21:30:00	15.768,69	15.215,75	22.212,74
02.12.2019	21:45:00	15.239,92	14.684,11	21.538,53
02.12.2019	22:00:00	14.783,21	14.223,51	20.859,14
02.12.2019	22:15:00	14.601,49	14.039,86	20.362,98
02.12.2019	22:30:00	14.509,65	13.959,21	19.833,19
02.12.2019	22:45:00	14.863,32	14.341,79	19.981,74
02.12.2019	23:00:00	14.786,42	14.262,09	19.821,39
02.12.2019	23:15:00	14.195,00	13.666,18	19.050,92
02.12.2019	23:30:00	13.597,26	13.064,07	18.289,87
02.12.2019	23:45:00	12.939,64	12.403,23	17.766,44
03.12.2019	00:00:00	12.742,52	12.206,36	17.480,96
03.12.2019	00:15:00	12.254,00	11.714,26	17.083,66
03.12.2019	00:30:00	11.939,68	11.378,92	16.708,36
03.12.2019	00:45:00	11.754,32	11.205,72	16.444,25
03.12.2019	01:00:00	11.450,05	10.867,17	16.253,51
03.12.2019	01:15:00	11.189,18	10.597,38	15.981,30
03.12.2019	01:30:00	11.051,44	10.457,83	15.778,99
03.12.2019	01:45:00	10.766,08	10.168,81	15.320,13
03.12.2019	02:00:00	10.487,99	9.892,87	15.003,11
03.12.2019	02:15:00	10.491,64	9.928,33	14.953,14
03.12.2019	02:30:00	10.401,17	9.907,26	14.929,16
03.12.2019	02:45:00	10.272,10	9.777,29	14.729,90
03.12.2019	03:00:00	10.082,31	9.590,88	14.675,44
03.12.2019	03:15:00	9.928,14	9.437,34	14.514,58
03.12.2019	03:30:00	9.980,71	9.488,22	14.544,15
03.12.2019	03:45:00	10.119,02	9.626,26	14.620,09
03.12.2019	04:00:00	10.235,53	9.744,90	14.741,73
03.12.2019	04:15:00	10.369,05	9.977,31	15.046,01
03.12.2019	04:30:00	10.512,14	10.224,43	15.239,40
03.12.2019	04:45:00	10.581,38	10.192,07	15.391,39
03.12.2019	05:00:00	10.779,32	10.393,77	15.914,16
03.12.2019	05:15:00	10.968,86	10.610,13	16.606,40
03.12.2019	05:30:00	10.629,25	10.214,27	16.387,48
03.12.2019	05:45:00	11.173,46	10.646,31	17.092,02
03.12.2019	06:00:00	11.476,32	10.950,46	17.959,16
03.12.2019	06:15:00	11.823,43	11.299,34	19.851,19
03.12.2019	06:30:00	11.745,04	11.229,01	20.561,63
03.12.2019	06:45:00	11.972,35	11.461,19	21.348,59
03.12.2019	07:00:00	12.289,86	11.790,85	22.356,14
03.12.2019	07:15:00	12.854,54	12.372,05	23.480,66
03.12.2019	07:30:00	12.938,98	12.466,95	24.192,48
03.12.2019	07:45:00	12.808,59	12.331,26	24.558,44
03.12.2019	08:00:00	12.650,38	12.175,50	24.882,68
03.12.2019	08:15:00	12.948,30	12.485,96	25.665,92
03.12.2019	08:30:00	12.925,44	12.439,01	25.582,19
03.12.2019	08:45:00	12.748,75	12.144,38	25.343,84
03.12.2019	09:00:00	12.917,64	12.132,78	25.252,93
03.12.2019	09:15:00	13.416,74	12.298,37	25.025,18
03.12.2019	09:30:00	13.378,45	11.969,44	24.487,97

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
03.12.2019	09:45:00	13.487,89	11.689,75	24.512,13
03.12.2019	10:00:00	13.613,18	11.490,13	24.478,23
03.12.2019	10:15:00	13.544,66	11.078,55	24.019,01
03.12.2019	10:30:00	13.631,59	10.872,04	23.770,08
03.12.2019	10:45:00	13.328,34	10.291,82	23.161,79
03.12.2019	11:00:00	13.518,63	10.205,77	23.286,02
03.12.2019	11:15:00	13.662,09	10.146,11	23.321,07
03.12.2019	11:30:00	13.778,57	10.099,57	23.090,79
03.12.2019	11:45:00	14.023,12	10.374,21	23.257,61
03.12.2019	12:00:00	14.081,70	10.084,96	23.123,60
03.12.2019	12:15:00	14.442,86	10.359,73	22.785,14
03.12.2019	12:30:00	15.087,77	10.917,20	22.683,47
03.12.2019	12:45:00	14.948,58	10.786,57	22.554,06
03.12.2019	13:00:00	14.593,26	10.752,02	22.935,90
03.12.2019	13:15:00	14.342,21	10.576,86	22.894,29
03.12.2019	13:30:00	14.109,06	10.426,88	22.930,82
03.12.2019	13:45:00	13.549,78	10.273,82	22.870,30
03.12.2019	14:00:00	12.834,68	10.399,01	22.794,99
03.12.2019	14:15:00	12.315,56	10.589,93	23.089,68
03.12.2019	14:30:00	11.850,97	10.605,29	22.953,80
03.12.2019	14:45:00	11.872,25	10.718,65	23.021,90
03.12.2019	15:00:00	12.190,71	11.049,88	23.071,70
03.12.2019	15:15:00	12.481,23	11.447,28	23.086,57
03.12.2019	15:30:00	12.712,64	11.746,87	23.049,83
03.12.2019	15:45:00	12.880,01	12.033,71	23.036,15
03.12.2019	16:00:00	13.203,13	12.488,43	23.137,60
03.12.2019	16:15:00	13.558,70	12.993,20	23.246,86
03.12.2019	16:30:00	13.889,73	13.446,04	23.577,40
03.12.2019	16:45:00	14.513,21	14.114,63	23.921,36
03.12.2019	17:00:00	15.310,53	14.909,67	24.512,48
03.12.2019	17:15:00	16.153,36	15.755,21	25.225,39
03.12.2019	17:30:00	16.648,99	16.247,65	25.509,41
03.12.2019	17:45:00	16.758,84	16.353,83	25.437,24
03.12.2019	18:00:00	16.943,24	16.526,30	25.436,00
03.12.2019	18:15:00	16.824,59	16.402,40	25.150,04
03.12.2019	18:30:00	16.879,93	16.454,02	25.067,93
03.12.2019	18:45:00	16.545,56	16.121,46	24.490,96
03.12.2019	19:00:00	16.611,21	16.180,63	24.371,43
03.12.2019	19:15:00	16.812,73	16.388,20	24.453,66
03.12.2019	19:30:00	16.705,49	16.279,81	24.356,73
03.12.2019	19:45:00	16.397,45	15.940,80	23.989,77
03.12.2019	20:00:00	16.148,00	15.679,59	23.454,85
03.12.2019	20:15:00	15.851,89	15.372,33	22.899,06
03.12.2019	20:30:00	15.775,30	15.292,71	22.535,58
03.12.2019	20:45:00	15.773,35	15.277,59	22.452,28
03.12.2019	21:00:00	15.340,61	14.845,39	21.914,54
03.12.2019	21:15:00	15.289,13	14.785,52	21.685,29
03.12.2019	21:30:00	16.296,75	15.805,15	22.742,28
03.12.2019	21:45:00	15.865,09	15.365,78	22.131,88
03.12.2019	22:00:00	15.414,11	14.909,19	21.531,84
03.12.2019	22:15:00	15.351,02	14.861,91	21.282,68
03.12.2019	22:30:00	15.131,26	14.701,29	20.730,63
03.12.2019	22:45:00	15.479,77	15.051,42	20.954,22
03.12.2019	23:00:00	15.476,26	15.062,74	20.811,71
03.12.2019	23:15:00	14.717,20	14.322,09	19.988,77
03.12.2019	23:30:00	14.472,90	14.072,18	19.572,07
03.12.2019	23:45:00	13.876,26	13.469,63	18.807,58
04.12.2019	00:00:00	13.329,80	12.916,68	18.345,73
04.12.2019	00:15:00	13.146,79	12.733,55	17.950,20
04.12.2019	00:30:00	12.851,77	12.438,03	17.637,47
04.12.2019	00:45:00	12.501,61	12.084,59	17.372,82
04.12.2019	01:00:00	12.343,05	11.924,54	17.124,58
04.12.2019	01:15:00	12.223,48	11.804,43	17.094,06
04.12.2019	01:30:00	12.208,52	11.789,82	17.047,72
04.12.2019	01:45:00	11.916,21	11.495,82	16.913,41
04.12.2019	02:00:00	11.749,86	11.330,39	16.674,65
04.12.2019	02:15:00	11.692,94	11.271,11	16.624,14
04.12.2019	02:30:00	11.647,84	11.225,32	16.401,52
04.12.2019	02:45:00	11.381,50	10.907,86	16.111,05
04.12.2019	03:00:00	11.351,92	10.875,27	16.183,23
04.12.2019	03:15:00	11.106,77	10.630,48	15.780,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.12.2019	03:30:00	11.104,78	10.627,43	15.754,34
04.12.2019	03:45:00	11.083,32	10.606,00	15.729,64
04.12.2019	04:00:00	10.993,11	10.516,49	15.617,95
04.12.2019	04:15:00	11.072,48	10.593,77	15.802,73
04.12.2019	04:30:00	11.204,69	10.727,04	15.832,14
04.12.2019	04:45:00	11.036,43	10.560,11	15.952,94
04.12.2019	05:00:00	11.115,54	10.651,84	16.224,22
04.12.2019	05:15:00	11.308,90	10.865,55	16.938,34
04.12.2019	05:30:00	10.981,68	10.557,45	16.883,36
04.12.2019	05:45:00	11.451,59	11.034,36	17.594,32
04.12.2019	06:00:00	11.890,38	11.478,10	18.751,18
04.12.2019	06:15:00	12.069,86	11.656,02	20.502,46
04.12.2019	06:30:00	12.328,27	11.928,18	21.389,24
04.12.2019	06:45:00	12.303,53	11.928,40	22.034,91
04.12.2019	07:00:00	12.536,98	12.157,79	22.948,41
04.12.2019	07:15:00	13.109,27	12.674,62	24.142,62
04.12.2019	07:30:00	13.392,65	12.970,71	24.829,80
04.12.2019	07:45:00	13.310,25	12.895,18	25.227,05
04.12.2019	08:00:00	13.388,56	12.970,24	25.898,27
04.12.2019	08:15:00	13.305,79	12.859,71	25.951,53
04.12.2019	08:30:00	13.169,65	12.649,17	26.090,74
04.12.2019	08:45:00	13.090,24	12.420,75	25.998,80
04.12.2019	09:00:00	13.256,99	12.395,49	25.681,14
04.12.2019	09:15:00	13.824,26	12.727,48	25.591,34
04.12.2019	09:30:00	13.919,38	12.573,73	25.341,64
04.12.2019	09:45:00	13.690,93	12.049,74	25.182,18
04.12.2019	10:00:00	13.944,51	11.873,59	25.134,54
04.12.2019	10:15:00	13.908,73	11.393,72	24.543,18
04.12.2019	10:30:00	13.945,57	11.129,41	24.291,38
04.12.2019	10:45:00	13.738,61	10.645,60	23.878,50
04.12.2019	11:00:00	13.736,80	10.392,04	23.754,58
04.12.2019	11:15:00	13.964,42	10.404,17	23.683,95
04.12.2019	11:30:00	14.064,79	10.296,02	23.317,36
04.12.2019	11:45:00	14.286,87	10.371,01	23.279,81
04.12.2019	12:00:00	14.509,56	10.472,86	23.210,78
04.12.2019	12:15:00	14.866,42	10.746,55	22.999,56
04.12.2019	12:30:00	15.310,39	11.148,49	22.916,18
04.12.2019	12:45:00	14.887,29	10.663,95	22.575,22
04.12.2019	13:00:00	14.682,02	10.436,32	22.568,06
04.12.2019	13:15:00	14.515,26	10.332,34	22.854,37
04.12.2019	13:30:00	14.389,10	10.527,68	23.174,13
04.12.2019	13:45:00	13.841,92	10.527,51	22.923,39
04.12.2019	14:00:00	13.053,68	10.514,14	22.865,01
04.12.2019	14:15:00	12.361,05	10.582,43	23.176,48
04.12.2019	14:30:00	12.075,96	10.764,66	23.109,65
04.12.2019	14:45:00	12.116,72	10.895,20	22.800,18
04.12.2019	15:00:00	12.331,71	11.182,99	22.947,21
04.12.2019	15:15:00	12.618,86	11.548,69	23.034,61
04.12.2019	15:30:00	12.841,88	11.871,40	22.968,89
04.12.2019	15:45:00	12.975,31	12.158,66	23.171,12
04.12.2019	16:00:00	13.260,72	12.572,14	23.258,34
04.12.2019	16:15:00	13.568,18	13.057,54	23.376,76
04.12.2019	16:30:00	14.088,30	13.645,37	23.939,33
04.12.2019	16:45:00	14.560,13	14.154,82	24.078,90
04.12.2019	17:00:00	15.381,62	14.979,14	24.763,04
04.12.2019	17:15:00	16.323,05	15.926,34	25.543,77
04.12.2019	17:30:00	16.744,14	16.342,80	25.723,87
04.12.2019	17:45:00	16.928,91	16.523,76	25.526,46
04.12.2019	18:00:00	17.057,51	16.644,68	25.623,72
04.12.2019	18:15:00	17.038,55	16.632,74	25.336,15
04.12.2019	18:30:00	17.116,26	16.720,53	25.044,74
04.12.2019	18:45:00	16.868,65	16.499,95	24.783,42
04.12.2019	19:00:00	16.781,75	16.405,80	24.555,74
04.12.2019	19:15:00	16.794,45	16.409,68	24.547,49
04.12.2019	19:30:00	16.971,55	16.580,68	24.595,56
04.12.2019	19:45:00	16.670,98	16.268,69	24.254,90
04.12.2019	20:00:00	16.286,44	15.872,45	23.641,62
04.12.2019	20:15:00	15.963,10	15.537,23	23.176,45
04.12.2019	20:30:00	16.026,29	15.594,42	23.211,50
04.12.2019	20:45:00	15.903,30	15.468,32	22.894,40
04.12.2019	21:00:00	15.519,67	15.084,59	22.337,83

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
04.12.2019	21:15:00	15.599,56	15.162,38	22.412,45
04.12.2019	21:30:00	16.638,79	16.204,80	23.299,07
04.12.2019	21:45:00	16.200,55	15.756,26	22.537,73
04.12.2019	22:00:00	15.563,59	15.108,09	21.839,03
04.12.2019	22:15:00	15.596,02	15.141,31	21.618,97
04.12.2019	22:30:00	15.400,69	14.944,08	21.074,23
04.12.2019	22:45:00	15.627,47	15.167,83	21.039,62
04.12.2019	23:00:00	15.788,07	15.327,47	21.035,54
04.12.2019	23:15:00	15.135,18	14.669,80	20.223,62
04.12.2019	23:30:00	14.606,33	14.135,27	19.675,24
04.12.2019	23:45:00	14.090,20	13.611,89	19.131,43
05.12.2019	00:00:00	13.608,27	13.106,28	18.627,97
05.12.2019	00:15:00	13.206,18	12.724,19	18.130,82
05.12.2019	00:30:00	12.927,46	12.442,08	17.855,10
05.12.2019	00:45:00	12.647,17	12.160,69	17.519,88
05.12.2019	01:00:00	12.479,20	11.992,25	17.281,54
05.12.2019	01:15:00	12.407,93	11.914,70	17.180,39
05.12.2019	01:30:00	12.071,60	11.536,08	16.825,01
05.12.2019	01:45:00	11.816,83	11.290,43	16.499,43
05.12.2019	02:00:00	11.665,20	11.172,55	16.453,28
05.12.2019	02:15:00	11.482,28	10.981,20	16.123,35
05.12.2019	02:30:00	11.416,07	10.922,72	15.990,31
05.12.2019	02:45:00	11.305,37	10.793,02	15.842,30
05.12.2019	03:00:00	11.189,58	10.642,39	15.826,22
05.12.2019	03:15:00	11.011,09	10.461,75	15.486,04
05.12.2019	03:30:00	10.916,92	10.370,26	15.434,82
05.12.2019	03:45:00	10.889,16	10.342,29	15.451,58
05.12.2019	04:00:00	11.020,12	10.474,89	15.561,09
05.12.2019	04:15:00	11.304,87	10.763,23	15.821,52
05.12.2019	04:30:00	11.258,28	10.715,72	15.769,80
05.12.2019	04:45:00	11.113,14	10.571,01	15.615,14
05.12.2019	05:00:00	11.298,84	10.770,30	16.231,78
05.12.2019	05:15:00	11.538,10	11.063,91	16.919,42
05.12.2019	05:30:00	11.234,85	10.824,61	16.826,49
05.12.2019	05:45:00	11.587,91	11.184,38	17.535,95
05.12.2019	06:00:00	12.035,96	11.630,89	18.686,37
05.12.2019	06:15:00	12.165,35	11.777,10	20.359,32
05.12.2019	06:30:00	12.273,15	11.914,34	21.140,09
05.12.2019	06:45:00	12.403,92	12.049,53	22.010,28
05.12.2019	07:00:00	12.713,56	12.379,33	22.985,92
05.12.2019	07:15:00	13.379,20	13.047,32	24.043,84
05.12.2019	07:30:00	13.741,55	13.407,11	25.034,38
05.12.2019	07:45:00	13.405,21	13.071,26	25.123,94
05.12.2019	08:00:00	13.422,17	13.098,06	25.570,66
05.12.2019	08:15:00	13.312,41	12.953,14	25.555,38
05.12.2019	08:30:00	13.515,12	13.101,27	26.246,02
05.12.2019	08:45:00	13.490,37	12.917,43	26.146,66
05.12.2019	09:00:00	13.532,09	12.781,38	25.854,84
05.12.2019	09:15:00	14.028,11	13.084,36	25.665,44
05.12.2019	09:30:00	13.908,50	12.725,57	25.112,45
05.12.2019	09:45:00	13.817,17	12.340,72	25.100,40
05.12.2019	10:00:00	13.875,28	12.019,03	25.160,54
05.12.2019	10:15:00	14.078,00	11.661,09	24.561,93
05.12.2019	10:30:00	13.890,21	11.147,77	23.868,60
05.12.2019	10:45:00	13.828,50	10.790,69	23.985,47
05.12.2019	11:00:00	13.885,80	10.621,33	23.599,94
05.12.2019	11:15:00	13.817,66	10.332,47	23.203,53
05.12.2019	11:30:00	14.229,03	10.512,41	23.432,82
05.12.2019	11:45:00	14.409,42	10.536,95	23.429,94
05.12.2019	12:00:00	14.632,40	10.660,52	23.245,46
05.12.2019	12:15:00	15.055,98	10.980,34	22.856,41
05.12.2019	12:30:00	15.735,32	11.604,49	23.310,84
05.12.2019	12:45:00	15.233,48	11.065,19	22.929,04
05.12.2019	13:00:00	15.130,35	10.945,09	22.889,26
05.12.2019	13:15:00	14.799,59	10.701,41	22.612,86
05.12.2019	13:30:00	14.613,51	10.874,65	23.080,86
05.12.2019	13:45:00	13.867,07	10.703,04	22.678,63
05.12.2019	14:00:00	13.092,75	10.687,05	22.695,33
05.12.2019	14:15:00	12.531,04	10.855,49	22.740,02
05.12.2019	14:30:00	12.273,75	11.003,01	22.779,51
05.12.2019	14:45:00	12.332,27	11.166,92	22.524,45

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
05.12.2019	15:00:00	12.393,59	11.321,88	22.508,70
05.12.2019	15:15:00	12.756,75	11.803,62	22.857,00
05.12.2019	15:30:00	13.088,89	12.228,25	23.076,70
05.12.2019	15:45:00	13.221,83	12.462,60	23.200,74
05.12.2019	16:00:00	13.607,83	12.974,33	23.445,89
05.12.2019	16:15:00	13.998,36	13.526,25	23.533,42
05.12.2019	16:30:00	14.216,99	13.840,58	23.714,60
05.12.2019	16:45:00	14.955,88	14.627,26	24.397,68
05.12.2019	17:00:00	15.781,96	15.469,93	25.073,92
05.12.2019	17:15:00	16.719,14	16.410,03	25.936,06
05.12.2019	17:30:00	17.012,15	16.688,85	26.002,14
05.12.2019	17:45:00	17.168,28	16.824,80	26.033,22
05.12.2019	18:00:00	17.341,47	16.974,26	26.072,86
05.12.2019	18:15:00	17.225,59	16.854,44	25.424,94
05.12.2019	18:30:00	17.030,38	16.662,59	25.040,87
05.12.2019	18:45:00	16.871,71	16.503,82	24.783,14
05.12.2019	19:00:00	16.915,67	16.550,58	24.551,60
05.12.2019	19:15:00	16.924,02	16.568,45	24.677,08
05.12.2019	19:30:00	16.848,54	16.479,55	24.472,20
05.12.2019	19:45:00	16.592,99	16.200,65	23.832,88
05.12.2019	20:00:00	16.427,85	16.018,49	23.709,24
05.12.2019	20:15:00	16.243,80	15.826,42	23.406,65
05.12.2019	20:30:00	16.301,22	15.875,62	23.335,71
05.12.2019	20:45:00	16.009,76	15.582,01	23.020,56
05.12.2019	21:00:00	15.668,90	15.236,39	22.492,25
05.12.2019	21:15:00	15.576,36	15.136,73	22.229,62
05.12.2019	21:30:00	16.583,11	16.149,56	23.161,65
05.12.2019	21:45:00	16.301,54	15.857,89	22.753,89
05.12.2019	22:00:00	15.880,42	15.445,60	22.094,96
05.12.2019	22:15:00	15.747,32	15.314,39	21.586,43
05.12.2019	22:30:00	15.560,62	15.131,04	21.284,60
05.12.2019	22:45:00	15.867,56	15.448,04	21.168,40
05.12.2019	23:00:00	16.100,32	15.666,19	21.313,16
05.12.2019	23:15:00	15.450,08	15.004,45	20.601,40
05.12.2019	23:30:00	15.099,55	14.637,53	20.158,12
05.12.2019	23:45:00	14.609,54	14.144,18	19.403,64
06.12.2019	00:00:00	14.203,38	13.741,98	19.155,37
06.12.2019	00:15:00	13.829,29	13.366,60	18.872,26
06.12.2019	00:30:00	13.588,08	13.123,14	18.573,76
06.12.2019	00:45:00	13.388,66	12.921,68	18.301,06
06.12.2019	01:00:00	13.211,99	12.742,44	18.260,02
06.12.2019	01:15:00	12.984,54	12.513,03	18.046,52
06.12.2019	01:30:00	12.677,66	12.205,31	17.657,26
06.12.2019	01:45:00	12.337,83	11.864,49	17.421,82
06.12.2019	02:00:00	12.215,63	11.737,89	17.076,88
06.12.2019	02:15:00	12.121,19	11.645,60	16.878,26
06.12.2019	02:30:00	11.989,60	11.512,78	16.826,74
06.12.2019	02:45:00	11.975,43	11.451,93	16.705,50
06.12.2019	03:00:00	11.738,19	11.207,09	16.392,58
06.12.2019	03:15:00	11.462,87	10.930,98	16.235,12
06.12.2019	03:30:00	11.429,91	10.896,01	16.054,86
06.12.2019	03:45:00	11.427,96	10.894,21	15.954,45
06.12.2019	04:00:00	11.432,40	10.900,32	16.056,74
06.12.2019	04:15:00	11.506,02	10.974,55	16.163,29
06.12.2019	04:30:00	11.406,62	10.873,14	16.086,37
06.12.2019	04:45:00	11.338,63	10.806,98	16.140,97
06.12.2019	05:00:00	11.464,86	10.947,65	16.664,30
06.12.2019	05:15:00	11.543,22	11.052,85	16.918,93
06.12.2019	05:30:00	11.278,09	10.794,93	16.909,84
06.12.2019	05:45:00	11.652,08	11.173,64	17.594,26
06.12.2019	06:00:00	11.939,51	11.461,85	18.524,46
06.12.2019	06:15:00	12.476,68	12.014,11	20.173,39
06.12.2019	06:30:00	12.446,65	12.019,53	21.139,19
06.12.2019	06:45:00	12.423,21	11.994,36	21.665,87
06.12.2019	07:00:00	12.756,41	12.347,28	22.582,65
06.12.2019	07:15:00	13.440,43	13.036,25	23.987,04
06.12.2019	07:30:00	13.602,20	13.214,83	24.873,96
06.12.2019	07:45:00	13.766,35	13.390,43	25.340,14
06.12.2019	08:00:00	13.509,54	13.127,71	25.747,54
06.12.2019	08:15:00	13.567,71	13.167,69	26.095,72
06.12.2019	08:30:00	13.527,50	13.060,91	25.940,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
06.12.2019	08:45:00	13.379,07	12.737,59	25.810,78
06.12.2019	09:00:00	13.712,82	12.897,23	25.686,10
06.12.2019	09:15:00	14.316,78	13.271,34	25.473,96
06.12.2019	09:30:00	14.143,18	12.830,44	24.924,84
06.12.2019	09:45:00	14.084,82	12.450,67	24.853,43
06.12.2019	10:00:00	14.347,49	12.248,17	24.573,79
06.12.2019	10:15:00	14.288,38	11.722,88	23.876,09
06.12.2019	10:30:00	14.233,31	11.336,61	23.620,99
06.12.2019	10:45:00	14.121,71	10.964,11	23.300,11
06.12.2019	11:00:00	14.183,60	10.770,57	23.095,96
06.12.2019	11:15:00	14.214,63	10.605,95	22.953,84
06.12.2019	11:30:00	14.299,15	10.454,57	22.492,64
06.12.2019	11:45:00	14.408,98	10.418,39	22.273,94
06.12.2019	12:00:00	14.678,03	10.553,93	22.382,96
06.12.2019	12:15:00	15.186,49	10.984,29	22.339,93
06.12.2019	12:30:00	15.731,33	11.469,47	22.202,12
06.12.2019	12:45:00	15.401,92	11.122,59	21.779,69
06.12.2019	13:00:00	15.201,55	10.944,82	21.700,82
06.12.2019	13:15:00	15.050,52	10.889,64	21.111,75
06.12.2019	13:30:00	14.582,83	10.817,53	21.166,00
06.12.2019	13:45:00	13.912,94	10.641,03	21.055,40
06.12.2019	14:00:00	13.357,89	10.935,92	21.106,37
06.12.2019	14:15:00	12.429,82	10.740,71	20.896,41
06.12.2019	14:30:00	12.265,34	10.952,43	20.880,77
06.12.2019	14:45:00	12.333,73	11.001,64	20.629,80
06.12.2019	15:00:00	12.521,13	11.399,98	21.100,90
06.12.2019	15:15:00	12.594,76	11.559,12	21.123,41
06.12.2019	15:30:00	13.020,75	12.159,98	21.418,72
06.12.2019	15:45:00	13.336,00	12.625,19	21.641,90
06.12.2019	16:00:00	13.609,52	13.036,36	22.104,96
06.12.2019	16:15:00	13.815,08	13.344,16	22.089,32
06.12.2019	16:30:00	14.246,92	13.853,25	22.269,56
06.12.2019	16:45:00	14.935,66	14.575,97	23.072,54
06.12.2019	17:00:00	15.860,61	15.505,11	24.060,94
06.12.2019	17:15:00	16.228,00	15.866,93	24.252,50
06.12.2019	17:30:00	16.459,54	16.094,23	24.242,91
06.12.2019	17:45:00	16.582,81	16.215,06	24.318,08
06.12.2019	18:00:00	16.433,70	16.061,84	23.895,32
06.12.2019	18:15:00	16.463,00	16.087,54	23.834,92
06.12.2019	18:30:00	16.339,65	15.969,30	23.477,64
06.12.2019	18:45:00	16.083,22	15.708,08	23.006,22
06.12.2019	19:00:00	15.886,40	15.508,13	22.610,03
06.12.2019	19:15:00	15.896,19	15.513,56	22.630,39
06.12.2019	19:30:00	15.886,74	15.471,52	22.541,50
06.12.2019	19:45:00	15.634,83	15.230,54	22.183,01
06.12.2019	20:00:00	15.481,75	15.063,71	22.026,60
06.12.2019	20:15:00	14.973,33	14.534,77	21.103,42
06.12.2019	20:30:00	14.742,66	14.297,75	20.609,34
06.12.2019	20:45:00	14.639,07	14.191,79	20.444,36
06.12.2019	21:00:00	14.367,38	13.906,85	20.030,31
06.12.2019	21:15:00	14.464,66	14.017,81	19.942,71
06.12.2019	21:30:00	15.322,81	14.883,81	20.802,45
06.12.2019	21:45:00	14.956,70	14.504,97	20.430,64
06.12.2019	22:00:00	14.495,96	14.046,28	19.834,10
06.12.2019	22:15:00	14.653,18	14.206,50	20.072,38
06.12.2019	22:30:00	14.662,43	14.215,26	19.950,12
06.12.2019	22:45:00	14.996,89	14.552,10	19.786,31
06.12.2019	23:00:00	15.105,73	14.656,17	19.822,43
06.12.2019	23:15:00	14.646,22	14.192,51	19.149,94
06.12.2019	23:30:00	13.960,27	13.489,41	18.408,07
06.12.2019	23:45:00	13.418,05	12.956,63	17.793,21
07.12.2019	00:00:00	12.606,71	12.135,75	16.939,17
07.12.2019	00:15:00	11.908,38	11.422,18	16.056,21
07.12.2019	00:30:00	11.384,35	10.900,61	15.426,32
07.12.2019	00:45:00	10.763,78	10.277,13	14.794,66
07.12.2019	01:00:00	10.318,78	9.831,85	14.398,16
07.12.2019	01:15:00	10.059,49	9.567,41	14.017,67
07.12.2019	01:30:00	9.881,96	9.392,80	13.931,59
07.12.2019	01:45:00	9.733,11	9.233,50	13.864,43
07.12.2019	02:00:00	9.429,69	8.932,90	13.412,55
07.12.2019	02:15:00	9.307,34	8.810,95	13.284,98

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
07.12.2019	02:30:00	9.129,49	8.632,09	13.027,21
07.12.2019	02:45:00	9.017,28	8.593,83	12.943,65
07.12.2019	03:00:00	8.870,05	8.480,75	12.938,01
07.12.2019	03:15:00	8.736,11	8.341,78	12.680,82
07.12.2019	03:30:00	8.559,99	8.167,65	12.213,14
07.12.2019	03:45:00	8.619,28	8.225,54	12.353,37
07.12.2019	04:00:00	8.709,59	8.389,71	12.380,01
07.12.2019	04:15:00	8.757,55	8.446,62	12.267,78
07.12.2019	04:30:00	8.777,13	8.465,75	12.328,59
07.12.2019	04:45:00	8.836,13	8.529,10	12.417,41
07.12.2019	05:00:00	8.727,03	8.422,81	12.461,08
07.12.2019	05:15:00	8.658,38	8.368,65	12.656,51
07.12.2019	05:30:00	8.631,30	8.353,11	12.767,30
07.12.2019	05:45:00	8.806,91	8.456,58	12.827,98
07.12.2019	06:00:00	9.059,22	8.681,83	13.144,83
07.12.2019	06:15:00	9.212,79	8.848,04	13.597,28
07.12.2019	06:30:00	9.242,56	8.895,22	13.789,35
07.12.2019	06:45:00	9.312,15	8.970,10	13.712,82
07.12.2019	07:00:00	9.502,46	9.164,53	14.087,59
07.12.2019	07:15:00	10.018,18	9.678,71	14.685,57
07.12.2019	07:30:00	10.216,08	9.866,59	14.975,86
07.12.2019	07:45:00	10.658,17	10.305,46	15.516,01
07.12.2019	08:00:00	10.620,01	10.274,26	15.600,22
07.12.2019	08:15:00	10.936,05	10.552,13	15.815,48
07.12.2019	08:30:00	11.210,83	10.790,55	16.195,91
07.12.2019	08:45:00	11.605,67	11.061,37	16.602,89
07.12.2019	09:00:00	12.013,63	11.467,92	16.941,68
07.12.2019	09:15:00	12.612,68	12.092,48	17.540,97
07.12.2019	09:30:00	12.693,71	12.018,95	17.609,18
07.12.2019	09:45:00	12.888,10	12.025,90	17.575,64
07.12.2019	10:00:00	13.253,98	12.535,26	18.139,55
07.12.2019	10:15:00	13.353,66	12.432,28	18.210,77
07.12.2019	10:30:00	13.614,86	12.764,19	18.347,00
07.12.2019	10:45:00	13.466,01	12.653,94	18.200,76
07.12.2019	11:00:00	13.622,38	12.401,31	17.881,02
07.12.2019	11:15:00	14.145,10	13.303,90	18.784,74
07.12.2019	11:30:00	14.334,05	13.521,00	18.837,54
07.12.2019	11:45:00	14.497,12	13.302,24	18.616,64
07.12.2019	12:00:00	14.546,74	12.889,74	18.199,76
07.12.2019	12:15:00	14.527,41	13.528,60	18.666,80
07.12.2019	12:30:00	15.195,50	13.554,24	18.565,39
07.12.2019	12:45:00	14.979,61	13.870,12	18.996,15
07.12.2019	13:00:00	15.018,67	13.407,71	18.337,26
07.12.2019	13:15:00	14.901,73	13.255,91	18.208,62
07.12.2019	13:30:00	15.481,76	14.413,82	19.488,75
07.12.2019	13:45:00	15.411,95	14.361,10	19.301,51
07.12.2019	14:00:00	15.130,13	14.230,52	19.097,08
07.12.2019	14:15:00	14.915,12	13.782,66	18.614,71
07.12.2019	14:30:00	14.366,41	13.553,43	18.280,07
07.12.2019	14:45:00	14.306,14	13.334,32	17.957,30
07.12.2019	15:00:00	14.047,78	13.300,11	18.104,98
07.12.2019	15:15:00	14.157,02	13.371,44	18.045,02
07.12.2019	15:30:00	13.894,92	13.131,48	17.705,80
07.12.2019	15:45:00	13.958,23	13.337,96	18.100,16
07.12.2019	16:00:00	14.086,99	13.580,01	18.278,27
07.12.2019	16:15:00	14.124,42	13.664,85	18.429,89
07.12.2019	16:30:00	14.161,62	13.726,08	18.581,34
07.12.2019	16:45:00	14.661,64	14.235,57	19.258,85
07.12.2019	17:00:00	15.293,98	14.862,71	19.723,65
07.12.2019	17:15:00	15.460,71	15.025,57	20.027,82
07.12.2019	17:30:00	15.477,96	15.035,34	20.085,48
07.12.2019	17:45:00	15.538,25	15.101,30	20.001,52
07.12.2019	18:00:00	15.622,78	15.186,41	20.133,56
07.12.2019	18:15:00	15.613,67	15.177,51	20.097,97
07.12.2019	18:30:00	15.196,37	14.757,69	19.624,86
07.12.2019	18:45:00	15.117,86	14.672,23	19.409,80
07.12.2019	19:00:00	14.861,67	14.421,19	19.288,70
07.12.2019	19:15:00	14.879,04	14.439,95	19.299,38
07.12.2019	19:30:00	14.950,96	14.513,59	19.150,51
07.12.2019	19:45:00	14.788,81	14.348,32	18.969,38
07.12.2019	20:00:00	14.288,88	13.836,95	18.412,45

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07.12.2019	20:15:00	14.232,56	13.770,91	18.100,45
07.12.2019	20:30:00	13.851,72	13.396,04	17.803,02
07.12.2019	20:45:00	13.796,23	13.341,53	17.774,54
07.12.2019	21:00:00	13.562,06	13.100,62	17.406,86
07.12.2019	21:15:00	13.576,96	13.116,11	17.442,86
07.12.2019	21:30:00	14.459,46	14.004,52	18.248,55
07.12.2019	21:45:00	14.172,19	13.711,91	17.813,23
07.12.2019	22:00:00	13.747,83	13.349,87	17.424,48
07.12.2019	22:15:00	13.740,28	13.392,66	17.457,82
07.12.2019	22:30:00	14.023,20	13.675,90	17.638,40
07.12.2019	22:45:00	14.232,62	13.886,26	17.832,41
07.12.2019	23:00:00	14.310,13	13.963,03	17.779,19
07.12.2019	23:15:00	13.623,18	13.271,09	17.025,78
07.12.2019	23:30:00	13.115,34	12.742,41	16.451,03
07.12.2019	23:45:00	12.632,18	12.264,39	16.093,77
08.12.2019	00:00:00	12.043,32	11.670,89	15.470,69
08.12.2019	00:15:00	11.519,91	11.142,82	14.878,78
08.12.2019	00:30:00	11.023,78	10.640,37	14.340,07
08.12.2019	00:45:00	10.659,26	10.274,42	13.975,12
08.12.2019	01:00:00	10.268,06	9.881,80	13.486,98
08.12.2019	01:15:00	9.954,31	9.548,47	13.207,12
08.12.2019	01:30:00	9.527,71	9.133,91	12.751,17
08.12.2019	01:45:00	9.554,02	9.160,59	12.725,60
08.12.2019	02:00:00	9.474,27	9.023,75	12.669,03
08.12.2019	02:15:00	9.515,42	8.997,02	12.738,76
08.12.2019	02:30:00	9.440,78	8.935,46	12.571,38
08.12.2019	02:45:00	9.368,91	8.868,03	12.487,13
08.12.2019	03:00:00	9.351,49	8.849,84	12.489,10
08.12.2019	03:15:00	9.180,46	8.684,67	12.401,13
08.12.2019	03:30:00	8.969,77	8.474,70	12.078,42
08.12.2019	03:45:00	9.056,05	8.561,14	12.191,90
08.12.2019	04:00:00	9.180,83	8.687,65	12.224,61
08.12.2019	04:15:00	9.129,52	8.634,78	12.116,00
08.12.2019	04:30:00	9.150,78	8.655,79	12.266,32
08.12.2019	04:45:00	9.199,63	8.705,84	12.201,27
08.12.2019	05:00:00	9.196,28	8.701,79	12.118,35
08.12.2019	05:15:00	9.130,04	8.632,87	12.211,52
08.12.2019	05:30:00	8.739,56	8.237,85	11.813,76
08.12.2019	05:45:00	8.752,42	8.251,42	11.736,52
08.12.2019	06:00:00	8.827,21	8.333,27	11.944,34
08.12.2019	06:15:00	8.664,62	8.173,45	11.804,27
08.12.2019	06:30:00	8.434,46	7.950,16	11.566,34
08.12.2019	06:45:00	8.266,52	7.775,81	11.561,92
08.12.2019	07:00:00	8.292,87	7.804,94	11.673,31
08.12.2019	07:15:00	8.814,34	8.336,56	12.132,60
08.12.2019	07:30:00	9.148,93	8.676,02	12.442,38
08.12.2019	07:45:00	9.368,16	8.891,86	12.836,49
08.12.2019	08:00:00	9.445,95	8.969,26	12.831,58
08.12.2019	08:15:00	9.825,06	9.329,98	13.003,59
08.12.2019	08:30:00	10.002,95	9.418,17	13.110,08
08.12.2019	08:45:00	10.252,86	9.494,27	13.290,30
08.12.2019	09:00:00	10.396,71	9.570,90	13.344,40
08.12.2019	09:15:00	10.769,09	9.819,37	13.652,09
08.12.2019	09:30:00	11.151,42	9.990,39	13.829,38
08.12.2019	09:45:00	11.497,93	10.025,91	13.713,88
08.12.2019	10:00:00	11.838,15	10.375,06	14.200,58
08.12.2019	10:15:00	12.227,33	10.343,68	14.291,41
08.12.2019	10:30:00	12.358,34	10.018,61	13.849,90
08.12.2019	10:45:00	12.495,49	10.085,93	13.979,73
08.12.2019	11:00:00	12.966,47	11.181,91	15.109,61
08.12.2019	11:15:00	13.436,74	10.781,93	14.563,62
08.12.2019	11:30:00	13.729,23	9.743,14	13.417,87
08.12.2019	11:45:00	13.791,19	9.371,89	13.069,23
08.12.2019	12:00:00	14.235,91	9.754,20	13.414,90
08.12.2019	12:15:00	13.788,95	11.210,82	14.913,66
08.12.2019	12:30:00	14.016,64	12.452,81	16.218,35
08.12.2019	12:45:00	13.912,37	12.726,08	16.362,34
08.12.2019	13:00:00	13.722,07	12.652,12	16.288,64
08.12.2019	13:15:00	13.795,10	12.727,88	16.450,66
08.12.2019	13:30:00	14.184,73	13.139,29	16.940,53
08.12.2019	13:45:00	13.930,28	12.976,92	16.810,04

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08.12.2019	14:00:00	13.756,62	12.815,08	16.731,42
08.12.2019	14:15:00	13.374,77	12.453,36	16.482,87
08.12.2019	14:30:00	12.937,28	12.059,83	15.957,42
08.12.2019	14:45:00	12.692,62	11.895,31	15.842,95
08.12.2019	15:00:00	12.340,10	11.591,85	15.617,00
08.12.2019	15:15:00	12.355,83	11.670,24	15.534,71
08.12.2019	15:30:00	12.224,24	11.569,35	15.417,17
08.12.2019	15:45:00	12.235,05	11.594,13	15.409,72
08.12.2019	16:00:00	12.177,38	11.642,44	15.526,35
08.12.2019	16:15:00	12.391,09	11.918,08	15.790,11
08.12.2019	16:30:00	12.709,27	12.253,75	16.235,60
08.12.2019	16:45:00	13.574,43	13.119,98	17.222,57
08.12.2019	17:00:00	14.143,40	13.695,69	17.861,80
08.12.2019	17:15:00	14.635,56	14.193,16	18.461,95
08.12.2019	17:30:00	14.838,19	14.490,11	18.749,48
08.12.2019	17:45:00	14.928,74	14.603,33	18.789,33
08.12.2019	18:00:00	14.901,57	14.574,23	18.839,66
08.12.2019	18:15:00	14.928,30	14.607,66	18.910,72
08.12.2019	18:30:00	14.695,94	14.378,54	18.575,03
08.12.2019	18:45:00	14.701,82	14.399,63	18.602,52
08.12.2019	19:00:00	14.457,42	14.156,96	18.235,01
08.12.2019	19:15:00	14.686,37	14.372,21	18.249,52
08.12.2019	19:30:00	14.724,92	14.391,46	18.393,44
08.12.2019	19:45:00	14.432,54	14.098,06	18.067,19
08.12.2019	20:00:00	14.067,12	13.727,26	17.536,81
08.12.2019	20:15:00	13.881,31	13.541,97	17.381,34
08.12.2019	20:30:00	13.868,28	13.525,93	17.446,68
08.12.2019	20:45:00	13.809,21	13.464,37	17.205,51
08.12.2019	21:00:00	13.504,03	13.155,04	16.847,94
08.12.2019	21:15:00	13.519,48	13.159,07	17.004,12
08.12.2019	21:30:00	14.037,84	13.580,18	17.450,47
08.12.2019	21:45:00	13.553,09	13.044,23	16.832,38
08.12.2019	22:00:00	12.958,18	12.445,81	16.483,37
08.12.2019	22:15:00	12.747,15	12.251,25	16.361,30
08.12.2019	22:30:00	12.371,33	11.886,32	15.809,56
08.12.2019	22:45:00	12.607,99	12.087,38	15.979,33
08.12.2019	23:00:00	12.421,45	11.896,25	15.932,95
08.12.2019	23:15:00	11.831,23	11.318,87	15.292,31
08.12.2019	23:30:00	11.209,58	10.880,67	14.933,00
08.12.2019	23:45:00	10.914,87	10.582,41	14.658,88
09.12.2019	00:00:00	10.605,39	10.303,70	14.341,05
09.12.2019	00:15:00	10.197,33	9.909,02	14.139,18
09.12.2019	00:30:00	9.804,86	9.513,80	13.595,54
09.12.2019	00:45:00	9.448,66	9.154,80	13.346,48
09.12.2019	01:00:00	9.097,22	8.825,69	13.017,22
09.12.2019	01:15:00	8.891,86	8.702,20	12.912,60
09.12.2019	01:30:00	8.634,99	8.265,39	12.558,17
09.12.2019	01:45:00	8.480,00	8.081,90	12.239,84
09.12.2019	02:00:00	8.366,52	7.966,99	12.077,75
09.12.2019	02:15:00	8.393,61	7.997,26	12.131,06
09.12.2019	02:30:00	8.606,68	8.210,22	12.186,25
09.12.2019	02:45:00	8.544,64	8.106,81	12.104,44
09.12.2019	03:00:00	8.556,14	8.110,28	12.085,95
09.12.2019	03:15:00	8.673,40	8.228,75	12.184,83
09.12.2019	03:30:00	8.596,71	8.150,38	12.205,64
09.12.2019	03:45:00	8.768,10	8.332,45	12.458,47
09.12.2019	04:00:00	8.858,16	8.392,33	12.411,58
09.12.2019	04:15:00	9.120,68	8.658,78	12.785,24
09.12.2019	04:30:00	9.179,73	8.718,07	12.913,06
09.12.2019	04:45:00	9.127,45	8.666,24	12.869,64
09.12.2019	05:00:00	9.271,93	8.821,24	13.405,08
09.12.2019	05:15:00	9.861,74	9.431,91	14.704,40
09.12.2019	05:30:00	9.889,58	9.470,04	15.060,02
09.12.2019	05:45:00	10.215,67	9.810,80	15.823,34
09.12.2019	06:00:00	10.511,23	10.108,53	16.809,94
09.12.2019	06:15:00	10.555,83	10.157,88	18.288,93
09.12.2019	06:30:00	10.716,26	10.337,59	19.221,86
09.12.2019	06:45:00	10.911,00	10.552,76	19.959,94
09.12.2019	07:00:00	11.403,54	11.077,85	21.250,82
09.12.2019	07:15:00	12.120,33	11.798,42	22.453,26
09.12.2019	07:30:00	12.522,39	12.196,67	23.454,99

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
09.12.2019	07:45:00	12.663,44	12.350,85	23.884,44
09.12.2019	08:00:00	12.538,09	12.230,17	23.976,30
09.12.2019	08:15:00	12.636,62	12.321,98	24.358,62
09.12.2019	08:30:00	12.381,70	12.003,85	24.308,05
09.12.2019	08:45:00	12.292,37	11.743,94	24.056,08
09.12.2019	09:00:00	12.526,42	11.994,16	24.388,78
09.12.2019	09:15:00	13.136,61	12.613,49	24.356,89
09.12.2019	09:30:00	13.023,08	12.283,49	23.915,09
09.12.2019	09:45:00	12.590,71	11.435,50	23.446,93
09.12.2019	10:00:00	12.691,60	11.479,86	23.777,18
09.12.2019	10:15:00	13.111,70	11.815,45	24.127,12
09.12.2019	10:30:00	13.362,18	11.510,21	23.806,16
09.12.2019	10:45:00	13.367,27	11.165,78	23.629,83
09.12.2019	11:00:00	13.209,57	11.787,77	24.231,17
09.12.2019	11:15:00	13.138,88	11.571,79	23.930,17
09.12.2019	11:30:00	13.785,93	12.755,99	25.357,54
09.12.2019	11:45:00	14.080,08	12.958,07	25.379,64
09.12.2019	12:00:00	14.407,52	13.516,11	25.815,00
09.12.2019	12:15:00	14.632,80	13.704,22	25.600,63
09.12.2019	12:30:00	14.974,75	13.729,80	25.087,60
09.12.2019	12:45:00	14.631,83	13.838,59	25.363,27
09.12.2019	13:00:00	14.745,77	14.063,46	26.087,29
09.12.2019	13:15:00	14.501,38	13.724,93	25.537,19
09.12.2019	13:30:00	14.027,70	12.863,15	24.880,65
09.12.2019	13:45:00	13.765,84	12.882,79	24.938,35
09.12.2019	14:00:00	13.969,44	13.181,22	24.906,77
09.12.2019	14:15:00	13.711,01	13.084,75	24.594,30
09.12.2019	14:30:00	13.547,25	12.731,30	24.203,89
09.12.2019	14:45:00	13.291,66	12.537,07	24.025,37
09.12.2019	15:00:00	13.399,04	12.745,60	23.965,50
09.12.2019	15:15:00	13.450,07	12.916,54	23.798,37
09.12.2019	15:30:00	13.586,38	13.020,41	23.750,05
09.12.2019	15:45:00	13.549,82	12.816,94	23.267,90
09.12.2019	16:00:00	13.489,53	12.928,41	23.018,06
09.12.2019	16:15:00	13.971,54	13.559,47	23.315,72
09.12.2019	16:30:00	14.102,39	13.719,83	23.292,63
09.12.2019	16:45:00	14.965,48	14.597,73	23.840,11
09.12.2019	17:00:00	15.859,93	15.483,12	24.547,99
09.12.2019	17:15:00	16.195,96	15.816,91	24.777,41
09.12.2019	17:30:00	16.409,80	16.021,76	24.571,86
09.12.2019	17:45:00	16.411,85	16.018,83	24.435,44
09.12.2019	18:00:00	16.671,60	16.282,68	24.566,44
09.12.2019	18:15:00	16.786,54	16.395,93	24.376,82
09.12.2019	18:30:00	16.430,10	16.034,40	23.864,10
09.12.2019	18:45:00	16.138,47	15.736,07	23.689,37
09.12.2019	19:00:00	16.102,88	15.692,27	23.515,84
09.12.2019	19:15:00	15.963,28	15.554,48	23.172,19
09.12.2019	19:30:00	15.958,26	15.548,25	23.169,62
09.12.2019	19:45:00	15.594,72	15.173,49	22.489,46
09.12.2019	20:00:00	15.354,74	14.910,25	22.110,89
09.12.2019	20:15:00	15.078,72	14.620,30	21.727,68
09.12.2019	20:30:00	15.129,37	14.662,99	21.650,27
09.12.2019	20:45:00	14.960,46	14.488,35	21.255,84
09.12.2019	21:00:00	14.414,91	13.935,76	20.781,41
09.12.2019	21:15:00	14.491,00	14.009,11	20.681,58
09.12.2019	21:30:00	15.430,73	14.954,19	21.411,58
09.12.2019	21:45:00	14.994,05	14.512,40	20.989,49
09.12.2019	22:00:00	14.405,07	13.920,19	20.113,43
09.12.2019	22:15:00	14.285,61	13.797,69	19.781,09
09.12.2019	22:30:00	13.914,14	13.421,94	19.369,96
09.12.2019	22:45:00	14.252,18	13.763,08	19.461,17
09.12.2019	23:00:00	14.194,18	13.701,49	19.170,30
09.12.2019	23:15:00	13.614,30	13.117,17	18.559,87
09.12.2019	23:30:00	13.071,71	12.567,77	17.902,41
09.12.2019	23:45:00	12.429,61	11.921,74	17.080,01
10.12.2019	00:00:00	11.934,91	11.422,48	16.503,18
10.12.2019	00:15:00	11.362,66	10.845,27	15.856,66
10.12.2019	00:30:00	11.079,64	10.558,29	15.476,58
10.12.2019	00:45:00	10.577,51	10.089,37	15.103,51
10.12.2019	01:00:00	10.363,60	9.948,60	15.021,76
10.12.2019	01:15:00	10.152,44	9.735,00	14.796,72

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.12.2019	01:30:00	10.011,63	9.598,82	14.518,22
10.12.2019	01:45:00	9.718,39	9.299,15	14.205,64
10.12.2019	02:00:00	9.482,68	9.061,68	14.075,70
10.12.2019	02:15:00	9.711,02	9.290,94	14.152,82
10.12.2019	02:30:00	9.794,83	9.375,18	14.361,31
10.12.2019	02:45:00	9.804,65	9.384,61	14.338,70
10.12.2019	03:00:00	9.758,05	9.301,02	14.212,13
10.12.2019	03:15:00	9.612,03	9.139,56	14.161,52
10.12.2019	03:30:00	9.615,32	9.141,88	14.099,41
10.12.2019	03:45:00	9.714,56	9.271,91	14.097,48
10.12.2019	04:00:00	9.857,88	9.359,06	14.280,86
10.12.2019	04:15:00	10.205,25	9.624,67	14.487,81
10.12.2019	04:30:00	10.349,97	9.771,62	14.678,50
10.12.2019	04:45:00	10.389,71	9.816,06	14.903,88
10.12.2019	05:00:00	10.646,93	10.095,58	15.440,73
10.12.2019	05:15:00	10.736,35	10.190,45	16.106,31
10.12.2019	05:30:00	10.417,62	9.878,33	16.102,33
10.12.2019	05:45:00	10.771,82	10.241,90	16.822,35
10.12.2019	06:00:00	11.113,10	10.593,32	17.925,84
10.12.2019	06:15:00	11.574,00	11.065,75	19.433,98
10.12.2019	06:30:00	11.563,66	11.085,18	20.350,78
10.12.2019	06:45:00	11.664,05	11.196,72	20.975,09
10.12.2019	07:00:00	11.938,07	11.511,70	21.513,59
10.12.2019	07:15:00	12.360,71	11.996,33	22.488,14
10.12.2019	07:30:00	12.598,62	12.237,57	23.540,14
10.12.2019	07:45:00	12.766,25	12.408,79	24.221,51
10.12.2019	08:00:00	12.739,39	12.385,74	24.775,73
10.12.2019	08:15:00	12.895,59	12.552,37	25.339,22
10.12.2019	08:30:00	13.087,83	12.711,90	25.530,46
10.12.2019	08:45:00	13.108,87	12.650,14	25.431,72
10.12.2019	09:00:00	13.258,31	12.733,11	25.721,92
10.12.2019	09:15:00	13.914,35	13.341,05	25.557,82
10.12.2019	09:30:00	13.826,97	13.178,50	25.374,91
10.12.2019	09:45:00	13.506,05	12.635,16	25.330,84
10.12.2019	10:00:00	13.254,18	11.582,65	24.236,65
10.12.2019	10:15:00	13.395,89	11.213,61	23.558,39
10.12.2019	10:30:00	13.655,68	11.147,30	23.576,13
10.12.2019	10:45:00	13.650,25	11.054,07	23.735,20
10.12.2019	11:00:00	13.631,51	10.799,02	23.586,12
10.12.2019	11:15:00	13.494,69	10.722,59	23.513,14
10.12.2019	11:30:00	14.021,72	10.597,97	23.176,48
10.12.2019	11:45:00	14.172,70	10.540,38	22.854,30
10.12.2019	12:00:00	14.000,30	10.118,18	22.400,06
10.12.2019	12:15:00	14.216,04	10.274,18	22.196,13
10.12.2019	12:30:00	14.266,14	10.948,83	22.320,95
10.12.2019	12:45:00	14.309,04	10.028,43	21.413,89
10.12.2019	13:00:00	14.049,25	9.276,59	20.752,78
10.12.2019	13:15:00	14.191,22	9.534,76	21.153,34
10.12.2019	13:30:00	13.551,25	9.474,29	21.301,48
10.12.2019	13:45:00	12.852,82	9.376,36	21.308,83
10.12.2019	14:00:00	12.562,90	9.629,09	21.225,34
10.12.2019	14:15:00	12.258,65	9.948,42	21.448,32
10.12.2019	14:30:00	12.014,88	10.019,44	21.574,84
10.12.2019	14:45:00	11.955,21	10.181,31	21.455,04
10.12.2019	15:00:00	11.827,37	10.471,29	21.308,40
10.12.2019	15:15:00	12.256,43	11.186,14	21.952,55
10.12.2019	15:30:00	12.471,61	11.500,84	22.157,02
10.12.2019	15:45:00	12.708,73	11.826,34	21.953,60
10.12.2019	16:00:00	12.923,03	12.142,75	22.269,12
10.12.2019	16:15:00	13.365,54	12.791,19	22.725,43
10.12.2019	16:30:00	13.797,19	13.306,93	23.010,74
10.12.2019	16:45:00	14.367,11	13.921,87	23.562,94
10.12.2019	17:00:00	15.214,05	14.783,81	24.307,07
10.12.2019	17:15:00	15.893,18	15.456,46	24.685,94
10.12.2019	17:30:00	16.344,51	15.898,66	24.931,08
10.12.2019	17:45:00	16.681,12	16.236,96	25.282,26
10.12.2019	18:00:00	16.959,16	16.509,42	25.267,30
10.12.2019	18:15:00	16.772,41	16.324,64	24.652,12
10.12.2019	18:30:00	16.668,40	16.198,99	24.270,43
10.12.2019	18:45:00	16.511,60	16.041,04	23.982,69
10.12.2019	19:00:00	16.164,67	15.686,74	23.381,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
10.12.2019	19:15:00	16.284,55	15.798,85	23.453,96
10.12.2019	19:30:00	16.312,36	15.797,02	23.366,88
10.12.2019	19:45:00	16.080,50	15.561,89	22.862,66
10.12.2019	20:00:00	15.902,00	15.380,56	22.753,22
10.12.2019	20:15:00	15.794,19	15.261,47	22.426,13
10.12.2019	20:30:00	15.551,88	15.007,92	22.024,44
10.12.2019	20:45:00	15.450,90	14.905,19	21.900,14
10.12.2019	21:00:00	15.206,71	14.646,79	21.591,14
10.12.2019	21:15:00	15.213,58	14.663,25	21.395,92
10.12.2019	21:30:00	16.165,48	15.621,97	22.194,90
10.12.2019	21:45:00	15.631,34	15.081,04	21.595,94
10.12.2019	22:00:00	15.284,61	14.734,99	20.987,68
10.12.2019	22:15:00	15.270,60	14.720,44	20.919,47
10.12.2019	22:30:00	15.038,27	14.487,09	20.461,72
10.12.2019	22:45:00	15.327,64	14.764,30	20.414,42
10.12.2019	23:00:00	15.426,95	14.876,02	20.337,14
10.12.2019	23:15:00	14.801,16	14.247,58	19.713,31
10.12.2019	23:30:00	14.304,91	13.747,50	19.092,13
10.12.2019	23:45:00	13.850,29	13.275,10	18.435,15
11.12.2019	00:00:00	13.416,12	12.849,36	18.049,96
11.12.2019	00:15:00	13.093,41	12.528,27	17.676,51
11.12.2019	00:30:00	12.988,53	12.422,49	17.541,14
11.12.2019	00:45:00	12.664,62	12.092,52	17.353,04
11.12.2019	01:00:00	12.249,67	11.674,03	16.885,63
11.12.2019	01:15:00	12.127,51	11.560,71	16.612,67
11.12.2019	01:30:00	12.033,80	11.468,14	16.608,38
11.12.2019	01:45:00	11.614,00	11.046,19	16.071,45
11.12.2019	02:00:00	11.553,93	10.988,05	15.928,15
11.12.2019	02:15:00	11.494,84	10.941,98	15.824,08
11.12.2019	02:30:00	11.496,29	11.074,57	15.977,56
11.12.2019	02:45:00	11.300,45	10.837,77	15.769,04
11.12.2019	03:00:00	11.194,83	10.718,67	15.683,47
11.12.2019	03:15:00	10.877,39	10.398,29	15.529,42
11.12.2019	03:30:00	10.842,32	10.477,18	15.574,10
11.12.2019	03:45:00	11.047,09	10.687,12	15.706,12
11.12.2019	04:00:00	11.092,96	10.729,96	15.872,60
11.12.2019	04:15:00	11.101,48	10.739,41	15.840,29
11.12.2019	04:30:00	11.056,12	10.691,65	15.703,72
11.12.2019	04:45:00	10.835,06	10.473,00	15.729,84
11.12.2019	05:00:00	10.998,67	10.644,87	16.224,16
11.12.2019	05:15:00	11.138,17	10.769,96	16.654,42
11.12.2019	05:30:00	10.718,25	10.340,16	16.678,75
11.12.2019	05:45:00	11.305,89	10.988,17	17.668,08
11.12.2019	06:00:00	11.634,28	11.327,89	18.653,08
11.12.2019	06:15:00	12.075,17	11.789,41	20.322,22
11.12.2019	06:30:00	12.243,99	11.884,03	21.287,27
11.12.2019	06:45:00	12.190,05	11.761,81	21.799,76
11.12.2019	07:00:00	12.519,68	12.109,51	22.582,89
11.12.2019	07:15:00	12.929,57	12.521,91	23.543,42
11.12.2019	07:30:00	13.199,86	12.802,72	24.324,21
11.12.2019	07:45:00	13.338,57	12.953,44	24.724,13
11.12.2019	08:00:00	13.220,11	12.843,37	25.175,76
11.12.2019	08:15:00	13.212,22	12.819,75	25.480,62
11.12.2019	08:30:00	13.330,10	12.927,59	25.828,65
11.12.2019	08:45:00	13.383,14	12.914,79	25.882,40
11.12.2019	09:00:00	13.518,65	12.921,87	25.999,90
11.12.2019	09:15:00	14.217,08	13.542,04	26.032,54
11.12.2019	09:30:00	14.169,29	13.423,83	25.771,51
11.12.2019	09:45:00	14.318,40	13.464,75	26.025,48
11.12.2019	10:00:00	14.379,57	13.448,68	25.987,36
11.12.2019	10:15:00	14.430,18	13.433,61	26.244,74
11.12.2019	10:30:00	14.371,07	13.256,12	26.082,29
11.12.2019	10:45:00	14.262,89	13.119,32	25.837,47
11.12.2019	11:00:00	14.305,21	13.162,18	26.206,92
11.12.2019	11:15:00	14.429,65	13.308,18	26.357,05
11.12.2019	11:30:00	14.735,59	13.607,94	26.515,47
11.12.2019	11:45:00	14.978,77	13.760,27	26.361,64
11.12.2019	12:00:00	14.970,20	13.772,56	26.221,07
11.12.2019	12:15:00	15.300,31	14.257,30	26.255,49
11.12.2019	12:30:00	16.057,84	15.163,96	26.712,00
11.12.2019	12:45:00	15.869,30	15.061,96	26.788,30

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
11.12.2019	13:00:00	15.620,67	14.841,57	26.618,24
11.12.2019	13:15:00	15.434,41	14.643,26	26.523,39
11.12.2019	13:30:00	15.004,89	14.236,18	26.322,23
11.12.2019	13:45:00	14.741,20	14.020,94	26.257,94
11.12.2019	14:00:00	14.552,98	13.838,73	25.976,06
11.12.2019	14:15:00	14.432,33	13.702,85	25.906,39
11.12.2019	14:30:00	14.374,91	13.679,26	25.685,33
11.12.2019	14:45:00	14.434,93	13.770,95	25.692,70
11.12.2019	15:00:00	14.485,33	13.799,40	25.416,82
11.12.2019	15:15:00	14.406,00	13.794,81	25.143,87
11.12.2019	15:30:00	14.648,61	14.128,13	25.102,68
11.12.2019	15:45:00	14.930,48	14.438,71	25.258,06
11.12.2019	16:00:00	15.105,14	14.630,29	25.166,01
11.12.2019	16:15:00	15.515,14	15.054,12	25.103,49
11.12.2019	16:30:00	16.090,84	15.625,12	25.518,18
11.12.2019	16:45:00	16.607,08	16.136,34	25.908,69
11.12.2019	17:00:00	16.817,41	16.343,85	25.825,33
11.12.2019	17:15:00	17.302,61	16.832,98	26.084,59
11.12.2019	17:30:00	17.310,95	16.824,79	25.890,55
11.12.2019	17:45:00	17.497,57	17.010,57	25.875,32
11.12.2019	18:00:00	17.502,17	17.010,73	25.851,44
11.12.2019	18:15:00	17.416,94	16.918,60	25.530,71
11.12.2019	18:30:00	17.389,25	16.926,94	25.248,34
11.12.2019	18:45:00	17.250,13	16.798,46	24.777,33
11.12.2019	19:00:00	16.895,55	16.437,57	24.364,53
11.12.2019	19:15:00	16.830,26	16.370,71	24.186,88
11.12.2019	19:30:00	16.647,24	16.172,93	23.705,74
11.12.2019	19:45:00	16.171,72	15.679,89	23.158,58
11.12.2019	20:00:00	16.137,89	15.611,26	23.093,17
11.12.2019	20:15:00	15.889,32	15.375,53	22.539,64
11.12.2019	20:30:00	15.867,05	15.350,53	22.308,24
11.12.2019	20:45:00	15.564,05	15.033,90	21.913,30
11.12.2019	21:00:00	15.164,70	14.623,11	21.353,13
11.12.2019	21:15:00	15.021,67	14.464,88	21.148,91
11.12.2019	21:30:00	16.056,79	15.518,38	22.180,83
11.12.2019	21:45:00	15.615,42	15.077,05	21.544,52
11.12.2019	22:00:00	15.176,93	14.627,97	20.811,60
11.12.2019	22:15:00	14.995,96	14.444,67	20.404,60
11.12.2019	22:30:00	14.741,21	14.193,03	20.005,26
11.12.2019	22:45:00	14.886,54	14.337,33	19.787,10
11.12.2019	23:00:00	14.961,68	14.400,31	19.817,80
11.12.2019	23:15:00	14.337,75	13.782,51	19.110,96
11.12.2019	23:30:00	13.935,12	13.377,66	18.476,29
11.12.2019	23:45:00	13.213,35	12.647,09	17.755,24
12.12.2019	00:00:00	12.674,67	12.090,75	17.203,79
12.12.2019	00:15:00	12.112,72	11.536,02	16.465,64
12.12.2019	00:30:00	11.771,26	11.192,21	16.144,85
12.12.2019	00:45:00	11.399,15	10.816,64	15.854,57
12.12.2019	01:00:00	10.948,85	10.349,52	15.301,54
12.12.2019	01:15:00	10.654,34	10.064,78	15.052,80
12.12.2019	01:30:00	10.484,67	9.895,26	14.840,41
12.12.2019	01:45:00	10.317,87	9.725,70	14.664,28
12.12.2019	02:00:00	10.217,79	9.617,91	14.446,63
12.12.2019	02:15:00	10.273,15	9.679,70	14.631,64
12.12.2019	02:30:00	10.207,38	9.610,51	14.441,18
12.12.2019	02:45:00	10.097,39	9.501,54	14.217,91
12.12.2019	03:00:00	9.983,37	9.356,72	14.190,59
12.12.2019	03:15:00	9.854,61	9.209,22	14.159,90
12.12.2019	03:30:00	9.847,52	9.202,00	13.915,16
12.12.2019	03:45:00	9.849,96	9.207,10	14.010,57
12.12.2019	04:00:00	9.879,49	9.239,76	14.082,31
12.12.2019	04:15:00	10.088,65	9.444,79	14.148,05
12.12.2019	04:30:00	10.068,92	9.426,31	14.334,25
12.12.2019	04:45:00	10.113,17	9.469,89	14.549,81
12.12.2019	05:00:00	10.361,32	9.731,56	15.105,39
12.12.2019	05:15:00	10.439,21	9.829,87	15.734,88
12.12.2019	05:30:00	10.466,60	9.872,20	16.132,11
12.12.2019	05:45:00	10.973,84	10.419,47	16.753,70
12.12.2019	06:00:00	11.177,11	10.678,11	17.584,20
12.12.2019	06:15:00	11.413,88	10.927,80	19.045,17
12.12.2019	06:30:00	11.674,32	11.206,33	20.074,26

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
12.12.2019	06:45:00	11.633,47	11.169,77	20.632,17
12.12.2019	07:00:00	12.023,53	11.605,20	21.357,19
12.12.2019	07:15:00	12.684,29	12.260,49	22.479,89
12.12.2019	07:30:00	12.777,90	12.344,53	23.332,10
12.12.2019	07:45:00	12.987,93	12.565,69	24.181,58
12.12.2019	08:00:00	13.318,78	12.913,70	24.991,72
12.12.2019	08:15:00	13.030,92	12.610,32	24.828,72
12.12.2019	08:30:00	13.177,69	12.748,93	25.568,96
12.12.2019	08:45:00	13.222,99	12.769,74	25.834,30
12.12.2019	09:00:00	13.624,41	13.135,73	25.860,62
12.12.2019	09:15:00	14.177,94	13.646,73	26.045,50
12.12.2019	09:30:00	14.222,88	13.631,85	25.901,52
12.12.2019	09:45:00	14.136,87	13.497,17	26.128,55
12.12.2019	10:00:00	13.980,18	13.158,97	26.100,12
12.12.2019	10:15:00	14.320,10	13.404,22	26.272,67
12.12.2019	10:30:00	14.423,48	13.436,39	26.368,50
12.12.2019	10:45:00	14.219,74	13.135,20	26.308,66
12.12.2019	11:00:00	14.243,77	12.996,51	26.304,92
12.12.2019	11:15:00	14.173,63	12.629,79	25.682,60
12.12.2019	11:30:00	14.205,87	12.767,12	25.555,00
12.12.2019	11:45:00	14.468,13	13.199,53	25.926,24
12.12.2019	12:00:00	14.563,76	12.688,54	25.313,96
12.12.2019	12:15:00	14.992,27	12.553,33	24.691,32
12.12.2019	12:30:00	15.559,80	13.384,09	25.502,67
12.12.2019	12:45:00	14.626,89	12.847,20	25.029,46
12.12.2019	13:00:00	14.347,58	12.791,60	24.937,17
12.12.2019	13:15:00	14.902,19	12.566,53	24.879,05
12.12.2019	13:30:00	14.539,90	11.873,56	24.491,89
12.12.2019	13:45:00	14.578,42	12.174,78	24.279,59
12.12.2019	14:00:00	13.795,05	12.127,61	24.057,37
12.12.2019	14:15:00	13.586,98	11.810,37	23.474,82
12.12.2019	14:30:00	13.067,70	11.273,44	22.504,44
12.12.2019	14:45:00	13.005,13	11.843,18	23.048,18
12.12.2019	15:00:00	13.120,41	11.594,35	22.599,93
12.12.2019	15:15:00	13.410,92	12.516,55	23.186,21
12.12.2019	15:30:00	13.580,86	12.922,38	23.499,42
12.12.2019	15:45:00	13.798,69	13.115,04	23.566,74
12.12.2019	16:00:00	13.882,45	13.244,34	23.397,90
12.12.2019	16:15:00	14.242,21	13.726,64	23.576,66
12.12.2019	16:30:00	14.565,24	14.100,59	23.857,15
12.12.2019	16:45:00	15.084,51	14.650,52	24.236,53
12.12.2019	17:00:00	15.824,11	15.397,83	24.554,17
12.12.2019	17:15:00	16.389,64	15.966,46	24.911,34
12.12.2019	17:30:00	16.582,65	16.154,05	24.778,41
12.12.2019	17:45:00	16.854,91	16.430,98	24.694,96
12.12.2019	18:00:00	16.919,67	16.485,57	24.783,87
12.12.2019	18:15:00	16.738,17	16.252,07	24.253,64
12.12.2019	18:30:00	16.593,07	16.124,09	23.737,82
12.12.2019	18:45:00	16.484,73	16.031,13	23.650,10
12.12.2019	19:00:00	16.310,87	15.849,50	23.429,86
12.12.2019	19:15:00	16.406,70	15.940,02	23.433,48
12.12.2019	19:30:00	16.415,34	15.933,32	23.410,66
12.12.2019	19:45:00	16.168,92	15.674,60	23.013,63
12.12.2019	20:00:00	15.936,85	15.440,27	22.593,02
12.12.2019	20:15:00	15.566,64	15.053,81	21.968,64
12.12.2019	20:30:00	15.514,16	14.981,38	21.716,82
12.12.2019	20:45:00	15.478,49	14.941,36	21.572,25
12.12.2019	21:00:00	15.183,39	14.642,26	21.223,23
12.12.2019	21:15:00	15.171,32	14.625,03	21.214,44
12.12.2019	21:30:00	16.136,97	15.598,86	22.084,15
12.12.2019	21:45:00	15.646,32	15.107,15	21.382,03
12.12.2019	22:00:00	15.437,08	14.895,91	21.053,68
12.12.2019	22:15:00	15.234,90	14.691,42	20.790,47
12.12.2019	22:30:00	15.185,75	14.640,25	20.301,55
12.12.2019	22:45:00	15.369,23	14.823,87	20.411,20
12.12.2019	23:00:00	15.396,49	14.851,07	20.368,56
12.12.2019	23:15:00	14.812,20	14.263,22	19.607,87
12.12.2019	23:30:00	14.451,78	13.899,55	19.189,88
12.12.2019	23:45:00	14.110,19	13.553,41	18.789,85
13.12.2019	00:00:00	13.576,28	13.012,18	18.015,25
13.12.2019	00:15:00	12.940,64	12.373,75	17.354,80

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.12.2019	00:30:00	12.784,80	12.213,68	17.028,32
13.12.2019	00:45:00	12.321,59	11.744,37	16.615,94
13.12.2019	01:00:00	11.970,22	11.391,28	16.260,12
13.12.2019	01:15:00	11.777,86	11.197,76	16.124,89
13.12.2019	01:30:00	11.465,59	10.886,27	15.842,00
13.12.2019	01:45:00	11.295,11	10.716,93	15.623,68
13.12.2019	02:00:00	11.058,69	10.476,33	15.277,98
13.12.2019	02:15:00	10.786,26	10.199,15	15.094,71
13.12.2019	02:30:00	10.655,18	10.066,68	14.797,01
13.12.2019	02:45:00	10.437,10	9.837,77	14.675,05
13.12.2019	03:00:00	10.368,89	9.722,33	14.641,74
13.12.2019	03:15:00	10.115,17	9.470,85	14.269,61
13.12.2019	03:30:00	10.196,16	9.553,27	14.370,33
13.12.2019	03:45:00	10.271,77	9.632,39	14.422,84
13.12.2019	04:00:00	10.183,28	9.544,48	14.156,92
13.12.2019	04:15:00	10.273,17	9.632,11	14.314,70
13.12.2019	04:30:00	10.296,04	9.655,81	14.512,43
13.12.2019	04:45:00	10.116,02	9.478,28	14.331,64
13.12.2019	05:00:00	10.142,14	9.510,11	14.594,12
13.12.2019	05:15:00	10.299,89	9.693,32	15.331,40
13.12.2019	05:30:00	10.311,44	9.714,90	15.563,71
13.12.2019	05:45:00	10.660,18	10.077,73	15.979,66
13.12.2019	06:00:00	10.878,51	10.296,76	16.978,31
13.12.2019	06:15:00	11.197,50	10.629,73	18.440,58
13.12.2019	06:30:00	11.275,51	10.727,77	18.990,16
13.12.2019	06:45:00	11.359,41	10.814,80	19.816,15
13.12.2019	07:00:00	11.899,72	11.386,37	21.163,34
13.12.2019	07:15:00	12.452,50	11.929,96	22.123,30
13.12.2019	07:30:00	12.887,40	12.376,97	23.207,94
13.12.2019	07:45:00	13.159,53	12.656,14	23.776,89
13.12.2019	08:00:00	13.363,15	12.872,04	24.362,70
13.12.2019	08:15:00	13.487,21	13.000,70	24.822,16
13.12.2019	08:30:00	13.380,45	12.907,95	25.028,56
13.12.2019	08:45:00	13.506,63	13.048,17	25.230,21
13.12.2019	09:00:00	13.996,33	13.542,10	25.711,26
13.12.2019	09:15:00	14.349,27	13.835,29	25.635,36
13.12.2019	09:30:00	14.636,05	14.125,82	25.923,88
13.12.2019	09:45:00	14.675,25	14.142,76	26.323,96
13.12.2019	10:00:00	14.679,04	14.049,55	26.386,52
13.12.2019	10:15:00	14.791,10	14.198,76	26.479,46
13.12.2019	10:30:00	14.994,37	14.438,92	26.701,90
13.12.2019	10:45:00	14.895,79	14.300,54	26.697,38
13.12.2019	11:00:00	14.784,55	14.089,35	26.431,10
13.12.2019	11:15:00	14.961,16	14.151,38	26.288,52
13.12.2019	11:30:00	15.160,13	14.239,55	26.416,22
13.12.2019	11:45:00	15.309,11	14.283,85	26.335,62
13.12.2019	12:00:00	15.429,83	14.151,99	25.605,18
13.12.2019	12:15:00	15.442,77	14.099,74	25.176,89
13.12.2019	12:30:00	15.956,51	14.589,49	25.281,77
13.12.2019	12:45:00	15.490,77	12.726,30	23.237,23
13.12.2019	13:00:00	15.018,47	12.811,93	23.185,20
13.12.2019	13:15:00	14.377,38	12.307,38	22.670,17
13.12.2019	13:30:00	14.070,10	12.076,51	22.247,24
13.12.2019	13:45:00	13.751,36	11.156,88	20.925,54
13.12.2019	14:00:00	13.605,47	11.613,40	21.426,68
13.12.2019	14:15:00	13.795,93	12.099,65	21.679,62
13.12.2019	14:30:00	13.364,14	11.924,82	21.351,71
13.12.2019	14:45:00	13.390,24	12.234,73	21.725,33
13.12.2019	15:00:00	13.485,28	12.303,15	21.463,10
13.12.2019	15:15:00	13.510,87	12.324,52	21.091,73
13.12.2019	15:30:00	13.612,77	12.484,30	21.233,28
13.12.2019	15:45:00	13.814,18	13.181,13	21.812,32
13.12.2019	16:00:00	14.204,32	13.652,69	22.078,75
13.12.2019	16:15:00	14.462,05	13.908,56	22.143,88
13.12.2019	16:30:00	14.716,72	14.199,81	22.366,43
13.12.2019	16:45:00	15.148,85	14.646,49	22.638,80
13.12.2019	17:00:00	15.951,87	15.456,97	23.466,42
13.12.2019	17:15:00	16.247,35	15.755,29	23.693,54
13.12.2019	17:30:00	16.713,69	16.250,02	23.967,52
13.12.2019	17:45:00	17.042,33	16.551,30	24.117,17
13.12.2019	18:00:00	17.030,59	16.522,15	24.161,51

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
13.12.2019	18:15:00	16.986,11	16.477,74	23.953,15
13.12.2019	18:30:00	16.631,28	16.135,50	23.305,91
13.12.2019	18:45:00	16.356,09	15.855,38	22.859,11
13.12.2019	19:00:00	16.068,96	15.556,84	22.330,84
13.12.2019	19:15:00	16.084,30	15.566,10	22.254,81
13.12.2019	19:30:00	16.091,07	15.592,47	22.224,00
13.12.2019	19:45:00	15.845,86	15.344,67	21.875,26
13.12.2019	20:00:00	15.460,90	14.946,79	21.147,70
13.12.2019	20:15:00	15.204,88	14.677,56	20.804,98
13.12.2019	20:30:00	14.805,79	14.268,64	20.261,57
13.12.2019	20:45:00	14.665,60	14.125,03	19.915,78
13.12.2019	21:00:00	14.356,64	13.794,60	19.574,24
13.12.2019	21:15:00	14.332,72	13.781,23	19.483,46
13.12.2019	21:30:00	15.439,46	14.895,89	20.435,85
13.12.2019	21:45:00	15.075,17	14.533,75	20.052,79
13.12.2019	22:00:00	14.655,48	14.108,33	19.538,23
13.12.2019	22:15:00	14.843,52	14.293,45	19.699,55
13.12.2019	22:30:00	14.973,68	14.431,12	19.749,26
13.12.2019	22:45:00	15.264,05	14.715,31	19.948,57
13.12.2019	23:00:00	15.458,58	14.890,90	19.916,84
13.12.2019	23:15:00	14.858,84	14.308,24	19.190,73
13.12.2019	23:30:00	14.281,49	13.726,57	18.559,16
13.12.2019	23:45:00	13.846,30	13.284,14	17.937,00
14.12.2019	00:00:00	13.129,72	12.561,46	17.053,11
14.12.2019	00:15:00	12.462,30	11.889,49	16.448,72
14.12.2019	00:30:00	12.081,43	11.491,30	15.926,40
14.12.2019	00:45:00	11.725,14	11.143,84	15.468,16
14.12.2019	01:00:00	11.441,08	10.858,10	15.335,12
14.12.2019	01:15:00	10.994,67	10.410,11	14.981,95
14.12.2019	01:30:00	10.611,38	10.026,00	14.525,55
14.12.2019	01:45:00	10.367,50	9.778,65	14.321,02
14.12.2019	02:00:00	10.221,48	9.630,87	14.153,60
14.12.2019	02:15:00	10.147,37	9.549,88	13.883,86
14.12.2019	02:30:00	9.888,53	9.274,92	13.531,92
14.12.2019	02:45:00	10.000,74	9.404,47	13.681,46
14.12.2019	03:00:00	9.877,32	9.274,58	13.399,35
14.12.2019	03:15:00	9.671,92	9.074,62	13.245,67
14.12.2019	03:30:00	9.700,59	9.101,58	13.322,82
14.12.2019	03:45:00	9.553,25	8.927,19	13.165,16
14.12.2019	04:00:00	9.561,84	8.961,52	13.016,01
14.12.2019	04:15:00	9.735,47	9.139,52	13.161,28
14.12.2019	04:30:00	9.632,51	9.032,20	13.079,08
14.12.2019	04:45:00	9.646,09	9.044,02	13.035,98
14.12.2019	05:00:00	9.571,29	8.951,54	13.025,38
14.12.2019	05:15:00	9.556,25	9.035,36	13.307,85
14.12.2019	05:30:00	9.561,78	9.106,28	13.238,20
14.12.2019	05:45:00	9.788,60	9.335,02	13.633,96
14.12.2019	06:00:00	9.765,72	9.310,95	13.838,56
14.12.2019	06:15:00	9.851,58	9.418,76	13.996,35
14.12.2019	06:30:00	9.801,81	9.389,03	13.942,60
14.12.2019	06:45:00	9.526,26	9.110,16	13.776,23
14.12.2019	07:00:00	9.527,15	9.086,77	13.761,29
14.12.2019	07:15:00	10.024,23	9.559,19	14.411,71
14.12.2019	07:30:00	10.337,37	9.794,63	14.737,15
14.12.2019	07:45:00	10.783,21	10.258,37	15.340,84
14.12.2019	08:00:00	11.040,92	10.538,62	15.605,07
14.12.2019	08:15:00	11.158,49	10.653,99	15.846,82
14.12.2019	08:30:00	11.309,16	10.782,20	16.062,98
14.12.2019	08:45:00	11.728,31	11.153,44	16.436,02
14.12.2019	09:00:00	12.080,92	11.458,88	16.748,47
14.12.2019	09:15:00	12.694,65	12.049,95	17.314,54
14.12.2019	09:30:00	12.850,82	12.189,40	17.386,00
14.12.2019	09:45:00	13.143,78	12.511,59	17.783,68
14.12.2019	10:00:00	13.450,66	12.947,18	18.303,68
14.12.2019	10:15:00	13.717,24	13.193,13	18.394,38
14.12.2019	10:30:00	13.732,80	12.620,82	17.888,38
14.12.2019	10:45:00	13.773,16	12.765,92	18.186,68
14.12.2019	11:00:00	13.981,73	12.288,42	17.525,29
14.12.2019	11:15:00	13.896,90	11.791,97	17.081,38
14.12.2019	11:30:00	14.363,52	13.574,58	19.049,41
14.12.2019	11:45:00	15.101,06	14.134,01	19.425,20

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
14.12.2019	12:00:00	15.256,01	11.565,51	16.760,22
14.12.2019	12:15:00	14.914,31	11.465,69	16.561,68
14.12.2019	12:30:00	15.328,18	13.104,90	18.047,20
14.12.2019	12:45:00	15.227,15	14.057,99	19.075,32
14.12.2019	13:00:00	14.595,37	12.643,55	17.570,12
14.12.2019	13:15:00	15.341,04	11.483,29	16.290,91
14.12.2019	13:30:00	15.713,73	12.718,09	17.473,94
14.12.2019	13:45:00	14.931,68	12.218,03	17.114,06
14.12.2019	14:00:00	14.103,02	12.041,48	16.897,39
14.12.2019	14:15:00	14.435,02	13.184,61	17.936,62
14.12.2019	14:30:00	14.085,24	12.730,14	17.553,00
14.12.2019	14:45:00	13.927,78	13.000,66	17.812,36
14.12.2019	15:00:00	13.873,05	13.023,63	17.720,12
14.12.2019	15:15:00	13.307,00	11.879,16	16.574,50
14.12.2019	15:30:00	12.964,57	11.838,12	16.558,22
14.12.2019	15:45:00	12.989,94	12.320,57	16.925,09
14.12.2019	16:00:00	12.959,52	12.355,38	17.046,46
14.12.2019	16:15:00	13.011,44	12.541,40	17.349,24
14.12.2019	16:30:00	13.379,94	12.962,15	17.663,02
14.12.2019	16:45:00	13.968,94	13.587,86	18.310,71
14.12.2019	17:00:00	14.755,65	14.379,77	19.127,36
14.12.2019	17:15:00	15.326,32	14.951,86	19.691,06
14.12.2019	17:30:00	15.584,79	15.200,58	20.029,41
14.12.2019	17:45:00	15.809,18	15.439,61	20.277,88
14.12.2019	18:00:00	15.845,43	15.479,22	20.340,87
14.12.2019	18:15:00	15.519,63	15.138,30	19.911,94
14.12.2019	18:30:00	15.277,83	14.896,27	19.733,52
14.12.2019	18:45:00	14.993,91	14.624,87	19.436,90
14.12.2019	19:00:00	14.879,43	14.500,81	19.068,78
14.12.2019	19:15:00	14.816,17	14.428,75	19.156,48
14.12.2019	19:30:00	14.914,75	14.539,90	19.319,66
14.12.2019	19:45:00	14.725,48	14.348,70	18.896,67
14.12.2019	20:00:00	14.539,99	14.166,19	18.694,81
14.12.2019	20:15:00	14.113,35	13.710,04	18.206,44
14.12.2019	20:30:00	13.900,37	13.502,69	17.809,24
14.12.2019	20:45:00	13.696,07	13.299,95	17.564,72
14.12.2019	21:00:00	13.497,85	13.099,58	17.406,03
14.12.2019	21:15:00	13.591,68	13.196,31	17.324,33
14.12.2019	21:30:00	14.236,65	13.832,16	17.913,61
14.12.2019	21:45:00	13.878,92	13.483,15	17.711,94
14.12.2019	22:00:00	13.562,79	13.162,24	17.263,87
14.12.2019	22:15:00	13.729,39	13.347,72	17.365,74
14.12.2019	22:30:00	13.969,21	13.665,66	17.730,70
14.12.2019	22:45:00	14.267,63	13.980,17	17.947,71
14.12.2019	23:00:00	14.301,62	14.014,36	17.849,54
14.12.2019	23:15:00	13.691,24	13.399,79	17.232,47
14.12.2019	23:30:00	13.278,10	12.983,89	16.801,83
14.12.2019	23:45:00	12.759,61	12.435,31	16.025,02
15.12.2019	00:00:00	12.101,54	11.795,15	15.462,75
15.12.2019	00:15:00	11.598,37	11.288,15	14.913,42
15.12.2019	00:30:00	11.101,35	10.786,21	14.326,85
15.12.2019	00:45:00	10.526,39	10.185,84	13.724,12
15.12.2019	01:00:00	10.208,73	9.873,23	13.479,42
15.12.2019	01:15:00	9.789,70	9.466,52	13.032,48
15.12.2019	01:30:00	9.374,76	9.049,95	12.649,29
15.12.2019	01:45:00	9.160,87	8.832,12	12.503,62
15.12.2019	02:00:00	8.982,63	8.650,87	12.242,94
15.12.2019	02:15:00	9.019,27	8.661,85	12.257,96
15.12.2019	02:30:00	8.973,11	8.615,87	12.293,07
15.12.2019	02:45:00	8.895,73	8.453,02	12.074,16
15.12.2019	03:00:00	8.827,16	8.382,55	11.884,01
15.12.2019	03:15:00	8.522,79	8.070,00	11.685,83
15.12.2019	03:30:00	8.607,10	8.152,62	11.728,67
15.12.2019	03:45:00	8.665,07	8.222,29	11.702,27
15.12.2019	04:00:00	8.724,50	8.283,63	11.914,73
15.12.2019	04:15:00	8.790,24	8.346,15	11.975,61
15.12.2019	04:30:00	8.678,45	8.219,26	11.746,18
15.12.2019	04:45:00	8.598,17	8.152,43	11.799,04
15.12.2019	05:00:00	8.433,31	7.988,75	11.691,66
15.12.2019	05:15:00	8.393,13	7.946,86	11.585,38
15.12.2019	05:30:00	8.160,19	7.714,89	11.395,43

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.12.2019	05:45:00	8.259,97	7.816,37	11.604,21
15.12.2019	06:00:00	8.197,66	7.736,92	11.442,03
15.12.2019	06:15:00	8.069,22	7.633,27	11.385,94
15.12.2019	06:30:00	7.956,99	7.519,11	11.380,64
15.12.2019	06:45:00	7.821,27	7.386,51	11.153,28
15.12.2019	07:00:00	7.937,00	7.504,42	11.208,05
15.12.2019	07:15:00	8.266,45	7.799,85	11.691,37
15.12.2019	07:30:00	8.468,08	8.041,97	11.908,80
15.12.2019	07:45:00	8.811,44	8.394,45	12.173,86
15.12.2019	08:00:00	8.974,77	8.559,19	12.468,75
15.12.2019	08:15:00	9.070,72	8.643,62	12.668,23
15.12.2019	08:30:00	9.508,14	9.035,06	12.936,46
15.12.2019	08:45:00	9.763,92	9.290,23	13.185,91
15.12.2019	09:00:00	10.215,67	9.734,10	13.650,80
15.12.2019	09:15:00	10.520,12	9.899,77	13.669,36
15.12.2019	09:30:00	10.887,96	10.235,81	14.139,88
15.12.2019	09:45:00	10.992,90	10.001,46	13.901,56
15.12.2019	10:00:00	11.699,05	10.945,25	14.845,06
15.12.2019	10:15:00	12.153,64	11.258,98	15.180,38
15.12.2019	10:30:00	12.523,59	11.204,90	15.185,69
15.12.2019	10:45:00	12.558,19	11.179,44	15.052,53
15.12.2019	11:00:00	12.723,07	11.241,31	15.116,47
15.12.2019	11:15:00	13.174,21	12.019,22	15.961,02
15.12.2019	11:30:00	13.494,37	12.282,74	16.227,44
15.12.2019	11:45:00	13.792,91	12.880,96	16.889,37
15.12.2019	12:00:00	13.820,66	12.118,84	16.093,92
15.12.2019	12:15:00	13.948,95	12.811,52	16.838,54
15.12.2019	12:30:00	14.453,47	11.595,25	15.464,26
15.12.2019	12:45:00	13.833,81	11.254,79	15.222,45
15.12.2019	13:00:00	13.532,98	11.289,20	15.530,07
15.12.2019	13:15:00	13.394,65	11.897,95	16.196,97
15.12.2019	13:30:00	13.422,94	11.491,19	15.855,75
15.12.2019	13:45:00	13.166,89	11.535,59	16.008,11
15.12.2019	14:00:00	13.001,90	11.895,05	16.358,00
15.12.2019	14:15:00	12.777,75	12.001,13	16.335,50
15.12.2019	14:30:00	12.708,97	12.138,04	16.584,92
15.12.2019	14:45:00	12.798,65	12.322,93	16.646,77
15.12.2019	15:00:00	13.107,97	12.597,40	16.986,55
15.12.2019	15:15:00	13.268,87	12.751,88	17.302,42
15.12.2019	15:30:00	13.512,25	13.069,15	17.546,60
15.12.2019	15:45:00	13.601,79	13.191,22	17.627,18
15.12.2019	16:00:00	13.472,93	13.083,86	17.741,19
15.12.2019	16:15:00	13.654,21	13.265,63	17.896,90
15.12.2019	16:30:00	13.648,99	13.326,03	17.913,04
15.12.2019	16:45:00	14.169,08	13.895,81	18.663,21
15.12.2019	17:00:00	14.514,64	14.245,41	18.853,80
15.12.2019	17:15:00	14.557,71	14.288,69	18.834,50
15.12.2019	17:30:00	14.722,20	14.455,53	19.041,42
15.12.2019	17:45:00	14.901,41	14.636,66	19.243,42
15.12.2019	18:00:00	15.006,82	14.720,33	19.270,68
15.12.2019	18:15:00	15.017,41	14.749,76	19.283,18
15.12.2019	18:30:00	14.763,00	14.496,10	19.099,07
15.12.2019	18:45:00	14.675,35	14.409,21	18.798,76
15.12.2019	19:00:00	14.613,73	14.345,72	18.637,89
15.12.2019	19:15:00	14.637,47	14.369,27	18.679,46
15.12.2019	19:30:00	14.711,88	14.415,18	18.659,91
15.12.2019	19:45:00	14.467,06	14.200,22	18.432,32
15.12.2019	20:00:00	14.193,27	13.925,30	18.113,48
15.12.2019	20:15:00	14.055,86	13.774,64	17.933,28
15.12.2019	20:30:00	13.883,81	13.602,62	17.650,16
15.12.2019	20:45:00	13.852,94	13.509,56	17.539,15
15.12.2019	21:00:00	13.520,30	13.103,15	17.030,06
15.12.2019	21:15:00	13.433,56	13.033,96	16.986,45
15.12.2019	21:30:00	14.123,47	13.727,50	17.712,32
15.12.2019	21:45:00	13.524,50	13.122,93	17.000,12
15.12.2019	22:00:00	12.948,86	12.541,69	16.343,21
15.12.2019	22:15:00	12.986,43	12.580,98	16.457,58
15.12.2019	22:30:00	12.735,71	12.301,76	16.265,79
15.12.2019	22:45:00	13.101,07	12.642,98	16.499,64
15.12.2019	23:00:00	12.916,17	12.460,59	16.397,28
15.12.2019	23:15:00	12.277,06	11.820,64	15.863,16

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
15.12.2019	23:30:00	11.718,55	11.257,50	15.154,32
15.12.2019	23:45:00	10.924,84	10.458,46	14.354,36
16.12.2019	00:00:00	10.498,33	10.026,62	13.911,00
16.12.2019	00:15:00	10.056,40	9.607,70	13.335,03
16.12.2019	00:30:00	9.533,06	9.119,69	12.807,78
16.12.2019	00:45:00	9.191,80	8.861,51	12.576,85
16.12.2019	01:00:00	8.940,37	8.605,71	12.365,02
16.12.2019	01:15:00	8.626,77	8.290,74	12.023,46
16.12.2019	01:30:00	8.518,12	8.134,56	12.003,09
16.12.2019	01:45:00	8.381,96	7.993,43	11.655,20
16.12.2019	02:00:00	8.346,18	7.979,90	11.575,48
16.12.2019	02:15:00	8.266,58	7.926,75	11.747,80
16.12.2019	02:30:00	8.387,13	8.050,04	11.895,87
16.12.2019	02:45:00	8.411,91	8.075,77	11.838,41
16.12.2019	03:00:00	8.397,21	8.028,06	12.022,49
16.12.2019	03:15:00	8.350,57	7.962,99	11.993,84
16.12.2019	03:30:00	8.395,08	8.006,07	11.976,12
16.12.2019	03:45:00	8.640,23	8.268,85	12.162,53
16.12.2019	04:00:00	8.839,00	8.430,04	12.420,11
16.12.2019	04:15:00	9.021,97	8.578,90	12.513,91
16.12.2019	04:30:00	9.291,67	8.837,21	12.764,85
16.12.2019	04:45:00	9.365,09	8.876,67	12.972,04
16.12.2019	05:00:00	9.577,67	9.107,08	13.349,94
16.12.2019	05:15:00	10.011,58	9.763,08	14.505,85
16.12.2019	05:30:00	9.862,96	9.627,72	14.679,08
16.12.2019	05:45:00	10.257,32	10.110,22	15.536,01
16.12.2019	06:00:00	10.689,40	10.546,10	16.724,97
16.12.2019	06:15:00	10.987,15	10.851,39	18.395,00
16.12.2019	06:30:00	10.844,77	10.666,96	18.758,02
16.12.2019	06:45:00	11.011,31	10.720,44	19.388,95
16.12.2019	07:00:00	11.478,24	11.215,47	20.609,32
16.12.2019	07:15:00	12.133,57	11.864,63	21.720,50
16.12.2019	07:30:00	12.434,26	12.153,25	22.412,20
16.12.2019	07:45:00	12.524,85	12.268,19	23.008,98
16.12.2019	08:00:00	12.745,58	12.502,50	23.615,39
16.12.2019	08:15:00	12.611,80	12.387,08	23.716,55
16.12.2019	08:30:00	12.767,71	12.515,87	24.036,30
16.12.2019	08:45:00	12.794,76	12.452,11	23.958,80
16.12.2019	09:00:00	12.935,71	12.518,67	24.091,65
16.12.2019	09:15:00	13.335,40	12.716,18	23.798,88
16.12.2019	09:30:00	13.217,62	12.203,59	23.283,37
16.12.2019	09:45:00	13.245,60	12.227,38	23.593,50
16.12.2019	10:00:00	13.020,83	11.583,88	23.050,78
16.12.2019	10:15:00	13.115,56	11.436,40	22.946,16
16.12.2019	10:30:00	13.060,77	10.680,35	22.204,35
16.12.2019	10:45:00	12.925,72	10.800,84	22.208,85
16.12.2019	11:00:00	13.068,20	10.875,54	22.373,84
16.12.2019	11:15:00	13.258,09	10.512,18	22.015,69
16.12.2019	11:30:00	13.359,26	10.145,68	21.443,57
16.12.2019	11:45:00	13.593,52	10.575,34	22.129,04
16.12.2019	12:00:00	13.835,12	11.144,19	22.368,29
16.12.2019	12:15:00	14.090,33	11.032,65	21.567,14
16.12.2019	12:30:00	14.398,60	10.997,33	21.310,60
16.12.2019	12:45:00	14.289,57	10.387,65	20.660,28
16.12.2019	13:00:00	14.134,05	10.362,52	20.738,45
16.12.2019	13:15:00	13.866,73	10.320,65	20.908,29
16.12.2019	13:30:00	13.194,15	10.114,39	21.064,34
16.12.2019	13:45:00	12.720,19	11.001,03	21.901,54
16.12.2019	14:00:00	12.796,41	11.581,93	22.043,30
16.12.2019	14:15:00	12.636,75	11.482,85	21.697,72
16.12.2019	14:30:00	12.463,21	11.283,03	21.259,06
16.12.2019	14:45:00	12.399,07	11.393,05	21.047,59
16.12.2019	15:00:00	12.380,72	11.387,11	20.995,94
16.12.2019	15:15:00	12.480,38	11.676,04	20.967,28
16.12.2019	15:30:00	12.388,66	11.572,02	20.635,52
16.12.2019	15:45:00	12.485,02	11.824,54	20.748,64
16.12.2019	16:00:00	12.854,73	12.371,68	21.072,64
16.12.2019	16:15:00	13.240,64	12.895,10	21.188,40
16.12.2019	16:30:00	13.620,90	13.317,57	21.749,67
16.12.2019	16:45:00	14.146,43	13.853,71	22.040,22
16.12.2019	17:00:00	15.133,03	14.845,68	22.732,68

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
16.12.2019	17:15:00	15.601,08	15.314,30	23.038,49
16.12.2019	17:30:00	16.003,55	15.714,79	23.225,72
16.12.2019	17:45:00	16.087,78	15.794,23	23.042,32
16.12.2019	18:00:00	16.124,60	15.827,48	22.827,26
16.12.2019	18:15:00	16.322,99	16.026,33	22.822,93
16.12.2019	18:30:00	16.174,00	15.873,90	22.414,00
16.12.2019	18:45:00	15.842,11	15.510,14	21.790,17
16.12.2019	19:00:00	15.837,66	15.510,75	21.887,32
16.12.2019	19:15:00	15.634,54	15.317,59	21.651,11
16.12.2019	19:30:00	15.619,59	15.293,16	21.537,08
16.12.2019	19:45:00	15.307,25	14.976,34	21.103,51
16.12.2019	20:00:00	14.944,80	14.605,43	20.743,01
16.12.2019	20:15:00	14.825,92	14.453,83	20.241,15
16.12.2019	20:30:00	14.861,32	14.488,37	20.195,01
16.12.2019	20:45:00	14.789,87	14.411,18	20.098,70
16.12.2019	21:00:00	14.510,86	14.125,53	19.587,56
16.12.2019	21:15:00	14.445,95	14.055,16	19.589,54
16.12.2019	21:30:00	15.473,73	15.090,68	20.608,52
16.12.2019	21:45:00	14.861,39	14.456,37	19.705,94
16.12.2019	22:00:00	14.283,82	13.890,82	18.989,68
16.12.2019	22:15:00	14.209,73	13.815,71	18.799,27
16.12.2019	22:30:00	13.940,51	13.543,98	18.247,98
16.12.2019	22:45:00	14.089,11	13.691,88	18.194,20
16.12.2019	23:00:00	14.083,34	13.682,95	18.235,93
16.12.2019	23:15:00	13.289,67	12.871,67	17.361,47
16.12.2019	23:30:00	12.687,12	12.273,76	16.729,00
16.12.2019	23:45:00	12.251,07	11.835,69	16.332,26
17.12.2019	00:00:00	11.654,18	11.232,18	15.610,02
17.12.2019	00:15:00	11.078,73	10.653,94	15.009,04
17.12.2019	00:30:00	10.719,55	10.292,22	14.675,25
17.12.2019	00:45:00	10.302,86	9.857,63	14.292,90
17.12.2019	01:00:00	10.089,25	9.656,82	14.036,59
17.12.2019	01:15:00	9.863,64	9.428,31	13.735,30
17.12.2019	01:30:00	9.460,28	9.020,26	13.329,72
17.12.2019	01:45:00	9.459,09	9.018,96	13.090,39
17.12.2019	02:00:00	9.297,89	8.857,65	12.909,09
17.12.2019	02:15:00	9.293,73	8.852,29	13.063,87
17.12.2019	02:30:00	9.387,54	8.981,23	13.020,90
17.12.2019	02:45:00	9.404,60	9.076,78	13.190,66
17.12.2019	03:00:00	9.474,11	9.099,46	13.310,81
17.12.2019	03:15:00	9.392,70	9.014,28	13.208,68
17.12.2019	03:30:00	9.406,69	9.028,59	13.252,28
17.12.2019	03:45:00	9.546,78	9.168,53	13.471,46
17.12.2019	04:00:00	9.604,04	9.227,34	13.520,74
17.12.2019	04:15:00	9.974,59	9.599,96	13.877,58
17.12.2019	04:30:00	9.890,37	9.516,41	13.895,06
17.12.2019	04:45:00	9.900,14	9.527,89	13.999,65
17.12.2019	05:00:00	10.134,84	9.703,68	14.346,28
17.12.2019	05:15:00	10.172,64	9.723,90	14.843,82
17.12.2019	05:30:00	10.054,72	9.621,49	14.921,48
17.12.2019	05:45:00	10.417,26	9.985,42	15.606,37
17.12.2019	06:00:00	10.700,60	10.265,13	16.746,21
17.12.2019	06:15:00	11.084,40	10.665,76	18.094,46
17.12.2019	06:30:00	11.035,48	10.632,33	18.771,88
17.12.2019	06:45:00	11.259,47	10.877,02	19.582,11
17.12.2019	07:00:00	11.530,13	11.180,57	20.535,74
17.12.2019	07:15:00	12.054,80	11.711,07	21.726,65
17.12.2019	07:30:00	12.453,21	12.111,51	22.623,42
17.12.2019	07:45:00	12.647,56	12.306,72	23.390,80
17.12.2019	08:00:00	12.945,19	12.605,62	24.083,75
17.12.2019	08:15:00	12.681,41	12.339,64	24.173,26
17.12.2019	08:30:00	12.811,82	12.470,53	24.574,72
17.12.2019	08:45:00	12.901,96	12.535,86	24.704,36
17.12.2019	09:00:00	13.038,46	12.644,96	24.890,28
17.12.2019	09:15:00	13.641,00	13.163,46	24.938,06
17.12.2019	09:30:00	13.503,03	12.855,63	24.631,11
17.12.2019	09:45:00	13.251,82	11.832,57	23.842,57
17.12.2019	10:00:00	13.294,52	11.573,83	23.657,74
17.12.2019	10:15:00	13.219,35	11.064,37	23.053,34
17.12.2019	10:30:00	13.084,87	11.344,06	23.297,39
17.12.2019	10:45:00	13.152,52	11.468,41	23.485,85

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
17.12.2019	11:00:00	13.157,42	11.332,06	23.308,53
17.12.2019	11:15:00	13.153,06	11.731,91	23.669,86
17.12.2019	11:30:00	13.393,72	11.545,05	23.521,93
17.12.2019	11:45:00	13.500,36	10.127,50	21.904,43
17.12.2019	12:00:00	13.639,02	10.629,79	22.219,82
17.12.2019	12:15:00	14.032,89	10.840,69	21.779,43
17.12.2019	12:30:00	14.520,84	12.724,33	23.496,99
17.12.2019	12:45:00	14.182,22	12.668,13	23.582,22
17.12.2019	13:00:00	13.894,47	12.552,95	23.333,46
17.12.2019	13:15:00	13.598,94	12.418,27	23.176,67
17.12.2019	13:30:00	13.443,57	12.023,99	22.699,04
17.12.2019	13:45:00	13.177,42	11.612,86	22.100,72
17.12.2019	14:00:00	13.185,92	11.972,25	22.480,88
17.12.2019	14:15:00	12.975,62	11.653,53	21.949,74
17.12.2019	14:30:00	12.596,44	11.458,43	21.325,95
17.12.2019	14:45:00	12.387,30	11.087,65	20.977,21
17.12.2019	15:00:00	12.210,75	10.936,12	20.781,22
17.12.2019	15:15:00	12.341,18	11.387,64	20.873,06
17.12.2019	15:30:00	12.486,80	11.551,23	20.650,48
17.12.2019	15:45:00	12.771,37	12.139,19	21.021,71
17.12.2019	16:00:00	12.834,19	12.389,91	20.874,88
17.12.2019	16:15:00	13.035,81	12.644,10	20.916,46
17.12.2019	16:30:00	13.411,26	13.098,20	21.312,06
17.12.2019	16:45:00	13.971,83	13.698,53	21.788,39
17.12.2019	17:00:00	14.888,30	14.590,69	22.494,40
17.12.2019	17:15:00	15.583,58	15.319,46	22.994,28
17.12.2019	17:30:00	15.956,59	15.686,07	23.055,21
17.12.2019	17:45:00	16.095,46	15.821,53	23.140,19
17.12.2019	18:00:00	16.168,41	15.886,15	23.094,23
17.12.2019	18:15:00	16.153,34	15.854,54	22.824,20
17.12.2019	18:30:00	15.928,26	15.623,20	22.375,16
17.12.2019	18:45:00	15.812,76	15.521,08	22.173,90
17.12.2019	19:00:00	15.692,23	15.392,81	21.915,22
17.12.2019	19:15:00	15.730,17	15.427,64	21.836,91
17.12.2019	19:30:00	15.696,72	15.379,95	21.675,48
17.12.2019	19:45:00	15.432,46	15.104,29	21.211,09
17.12.2019	20:00:00	14.886,72	14.552,62	20.484,76
17.12.2019	20:15:00	14.854,87	14.508,20	20.230,56
17.12.2019	20:30:00	14.843,60	14.489,84	20.114,23
17.12.2019	20:45:00	14.895,01	14.535,37	20.010,33
17.12.2019	21:00:00	14.360,25	13.992,04	19.297,94
17.12.2019	21:15:00	14.320,37	13.936,55	19.339,91
17.12.2019	21:30:00	15.321,83	14.923,82	20.341,76
17.12.2019	21:45:00	14.882,70	14.511,79	19.653,10
17.12.2019	22:00:00	14.380,16	14.004,85	19.199,03
17.12.2019	22:15:00	14.169,65	13.785,31	18.865,60
17.12.2019	22:30:00	13.953,76	13.559,31	18.355,53
17.12.2019	22:45:00	14.000,40	13.600,11	18.110,77
17.12.2019	23:00:00	13.913,05	13.495,16	17.918,88
17.12.2019	23:15:00	13.386,50	12.979,45	17.145,44
17.12.2019	23:30:00	12.871,68	12.461,50	16.664,07
17.12.2019	23:45:00	12.347,16	11.932,49	16.049,94
18.12.2019	00:00:00	11.896,34	11.478,23	15.585,33
18.12.2019	00:15:00	11.377,20	10.955,32	15.067,55
18.12.2019	00:30:00	10.727,98	10.295,55	14.439,10
18.12.2019	00:45:00	10.331,49	9.876,66	13.882,76
18.12.2019	01:00:00	9.997,40	9.562,19	13.637,62
18.12.2019	01:15:00	9.689,78	9.250,35	13.582,67
18.12.2019	01:30:00	9.528,44	9.088,93	13.357,72
18.12.2019	01:45:00	9.468,06	9.028,34	13.178,37
18.12.2019	02:00:00	9.275,71	8.833,01	12.988,78
18.12.2019	02:15:00	9.382,13	8.927,22	13.072,82
18.12.2019	02:30:00	9.319,08	8.878,34	12.927,78
18.12.2019	02:45:00	9.186,52	8.803,00	13.012,17
18.12.2019	03:00:00	9.221,10	8.962,26	13.130,78
18.12.2019	03:15:00	9.039,83	8.789,62	12.748,79
18.12.2019	03:30:00	8.904,78	8.652,89	12.779,20
18.12.2019	03:45:00	9.013,93	8.763,53	12.870,44
18.12.2019	04:00:00	8.932,00	8.631,34	12.631,69
18.12.2019	04:15:00	9.151,72	8.855,55	13.069,76
18.12.2019	04:30:00	9.273,73	8.975,42	13.256,67

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.12.2019	04:45:00	9.388,85	9.095,88	13.349,05
18.12.2019	05:00:00	9.557,13	9.218,86	13.801,30
18.12.2019	05:15:00	9.659,59	9.283,74	14.316,65
18.12.2019	05:30:00	9.717,78	9.353,78	14.477,82
18.12.2019	05:45:00	10.176,28	9.829,50	15.363,08
18.12.2019	06:00:00	10.510,43	10.171,08	16.353,60
18.12.2019	06:15:00	10.788,53	10.451,13	17.564,58
18.12.2019	06:30:00	11.091,21	10.775,34	18.483,50
18.12.2019	06:45:00	11.015,90	10.709,63	18.784,57
18.12.2019	07:00:00	11.327,38	11.052,55	19.712,14
18.12.2019	07:15:00	11.993,78	11.725,35	20.892,26
18.12.2019	07:30:00	12.521,70	12.274,56	22.121,30
18.12.2019	07:45:00	12.466,55	12.208,85	22.360,02
18.12.2019	08:00:00	12.903,38	12.649,22	23.216,75
18.12.2019	08:15:00	12.583,99	12.325,84	23.370,44
18.12.2019	08:30:00	12.704,55	12.444,16	23.578,07
18.12.2019	08:45:00	12.867,76	12.592,70	23.879,50
18.12.2019	09:00:00	13.258,35	12.958,46	24.093,90
18.12.2019	09:15:00	13.798,48	13.505,26	24.355,57
18.12.2019	09:30:00	13.737,81	13.403,32	24.108,00
18.12.2019	09:45:00	13.688,79	13.337,00	24.458,30
18.12.2019	10:00:00	13.811,54	13.416,97	24.713,62
18.12.2019	10:15:00	13.811,26	13.357,19	24.668,25
18.12.2019	10:30:00	13.776,31	13.286,95	24.640,74
18.12.2019	10:45:00	13.834,74	13.315,71	24.800,94
18.12.2019	11:00:00	13.763,10	13.189,73	24.668,92
18.12.2019	11:15:00	13.969,98	13.315,71	24.711,49
18.12.2019	11:30:00	14.212,36	13.568,32	24.870,94
18.12.2019	11:45:00	14.300,78	13.446,42	24.637,15
18.12.2019	12:00:00	14.384,92	13.757,88	24.678,46
18.12.2019	12:15:00	14.824,15	14.136,71	24.928,48
18.12.2019	12:30:00	15.167,25	14.232,79	24.569,98
18.12.2019	12:45:00	14.853,53	13.821,86	23.897,00
18.12.2019	13:00:00	14.474,79	13.157,72	23.477,62
18.12.2019	13:15:00	14.173,92	12.663,76	22.866,54
18.12.2019	13:30:00	13.672,40	12.259,71	22.266,26
18.12.2019	13:45:00	13.381,45	11.843,00	21.835,01
18.12.2019	14:00:00	12.861,58	10.916,16	20.886,56
18.12.2019	14:15:00	12.380,29	10.937,44	20.684,00
18.12.2019	14:30:00	12.070,03	10.882,54	20.451,27
18.12.2019	14:45:00	12.263,48	11.282,23	21.088,95
18.12.2019	15:00:00	12.338,10	11.361,29	20.874,10
18.12.2019	15:15:00	12.476,78	11.588,64	20.969,15
18.12.2019	15:30:00	12.629,39	11.775,32	20.933,51
18.12.2019	15:45:00	12.785,76	12.183,01	20.979,13
18.12.2019	16:00:00	12.852,88	12.390,89	21.013,97
18.12.2019	16:15:00	13.130,19	12.731,01	21.064,46
18.12.2019	16:30:00	13.337,04	13.022,30	21.237,93
18.12.2019	16:45:00	13.956,70	13.667,97	21.739,48
18.12.2019	17:00:00	14.907,65	14.601,38	22.453,66
18.12.2019	17:15:00	15.670,72	15.339,52	22.789,63
18.12.2019	17:30:00	15.870,48	15.543,83	22.618,40
18.12.2019	17:45:00	16.208,11	15.869,53	22.969,95
18.12.2019	18:00:00	16.297,74	15.985,09	22.849,49
18.12.2019	18:15:00	16.267,70	15.968,51	22.583,59
18.12.2019	18:30:00	16.082,45	15.777,80	22.231,61
18.12.2019	18:45:00	15.714,72	15.382,31	21.728,56
18.12.2019	19:00:00	15.647,41	15.336,41	21.505,19
18.12.2019	19:15:00	15.630,19	15.310,00	21.395,68
18.12.2019	19:30:00	15.654,96	15.337,34	21.397,96
18.12.2019	19:45:00	15.304,53	14.969,49	20.967,85
18.12.2019	20:00:00	15.083,49	14.736,71	20.499,97
18.12.2019	20:15:00	14.921,29	14.539,92	20.152,12
18.12.2019	20:30:00	14.905,24	14.528,69	20.034,92
18.12.2019	20:45:00	14.748,78	14.381,32	19.614,60
18.12.2019	21:00:00	14.426,31	14.049,33	19.249,82
18.12.2019	21:15:00	14.185,72	13.804,49	18.915,31
18.12.2019	21:30:00	15.246,87	14.871,38	20.032,12
18.12.2019	21:45:00	14.853,53	14.475,23	19.633,34
18.12.2019	22:00:00	14.225,21	13.811,32	18.816,59
18.12.2019	22:15:00	14.171,05	13.787,87	18.522,60

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
18.12.2019	22:30:00	13.895,91	13.506,20	18.157,33
18.12.2019	22:45:00	14.043,11	13.654,35	18.150,23
18.12.2019	23:00:00	14.055,95	13.665,75	17.914,72
18.12.2019	23:15:00	13.285,06	12.888,55	17.069,30
18.12.2019	23:30:00	12.784,85	12.383,79	16.558,31
18.12.2019	23:45:00	12.240,18	11.792,65	15.794,29
19.12.2019	00:00:00	11.706,40	11.255,02	15.254,28
19.12.2019	00:15:00	11.227,89	10.771,93	14.781,76
19.12.2019	00:30:00	10.681,13	10.220,04	14.119,79
19.12.2019	00:45:00	10.226,71	9.761,02	13.726,31
19.12.2019	01:00:00	10.000,95	9.573,45	13.654,86
19.12.2019	01:15:00	9.754,12	9.323,67	13.472,60
19.12.2019	01:30:00	9.491,13	9.062,16	13.090,81
19.12.2019	01:45:00	9.434,60	9.007,16	13.065,21
19.12.2019	02:00:00	9.380,74	8.936,08	13.115,71
19.12.2019	02:15:00	9.402,38	8.970,49	13.024,13
19.12.2019	02:30:00	9.554,05	9.121,46	13.184,58
19.12.2019	02:45:00	9.540,77	9.208,27	13.247,34
19.12.2019	03:00:00	9.534,70	9.216,25	13.171,59
19.12.2019	03:15:00	9.491,63	9.172,43	13.112,86
19.12.2019	03:30:00	9.378,43	9.060,05	13.082,53
19.12.2019	03:45:00	9.453,06	9.093,58	13.079,28
19.12.2019	04:00:00	9.622,12	9.256,87	13.213,30
19.12.2019	04:15:00	9.896,23	9.529,65	13.643,06
19.12.2019	04:30:00	10.009,68	9.646,36	13.805,61
19.12.2019	04:45:00	10.006,29	9.642,64	13.961,04
19.12.2019	05:00:00	10.118,79	9.655,94	14.276,86
19.12.2019	05:15:00	10.669,09	10.227,31	15.021,14
19.12.2019	05:30:00	10.429,10	10.003,70	14.908,23
19.12.2019	05:45:00	10.513,18	10.094,08	15.398,10
19.12.2019	06:00:00	10.947,66	10.534,53	16.215,33
19.12.2019	06:15:00	11.136,49	10.738,53	17.238,51
19.12.2019	06:30:00	11.117,49	10.740,39	17.997,30
19.12.2019	06:45:00	11.386,69	11.027,11	18.569,29
19.12.2019	07:00:00	11.800,42	11.466,93	19.408,64
19.12.2019	07:15:00	12.474,57	12.140,46	20.661,41
19.12.2019	07:30:00	12.768,34	12.452,18	21.307,78
19.12.2019	07:45:00	12.796,26	12.459,34	21.579,20
19.12.2019	08:00:00	13.073,92	12.744,06	22.318,44
19.12.2019	08:15:00	13.010,26	12.684,34	22.594,04
19.12.2019	08:30:00	13.089,22	12.763,16	22.777,08
19.12.2019	08:45:00	13.138,86	12.765,89	22.876,10
19.12.2019	09:00:00	13.255,09	12.815,75	23.031,58
19.12.2019	09:15:00	14.026,09	13.520,00	23.521,56
19.12.2019	09:30:00	13.949,45	13.403,22	23.294,56
19.12.2019	09:45:00	13.944,68	13.373,02	23.513,02
19.12.2019	10:00:00	13.893,15	13.119,02	23.379,44
19.12.2019	10:15:00	13.870,13	12.537,38	22.553,54
19.12.2019	10:30:00	13.757,81	11.957,12	22.052,14
19.12.2019	10:45:00	13.819,43	11.429,25	21.344,86
19.12.2019	11:00:00	13.239,06	10.203,45	19.887,83
19.12.2019	11:15:00	13.488,88	10.662,24	20.404,65
19.12.2019	11:30:00	13.618,47	11.234,29	20.963,14
19.12.2019	11:45:00	14.094,12	11.764,34	21.342,73
19.12.2019	12:00:00	13.943,40	11.499,17	20.901,87
19.12.2019	12:15:00	14.300,30	11.491,68	20.637,66
19.12.2019	12:30:00	14.658,64	12.091,84	20.696,92
19.12.2019	12:45:00	14.595,70	11.573,84	20.279,73
19.12.2019	13:00:00	14.374,15	10.611,53	19.411,60
19.12.2019	13:15:00	14.010,07	10.544,62	19.234,01
19.12.2019	13:30:00	13.803,43	10.624,57	19.275,38
19.12.2019	13:45:00	13.126,89	10.304,14	18.918,65
19.12.2019	14:00:00	12.372,64	10.304,01	18.831,51
19.12.2019	14:15:00	11.717,96	10.245,81	18.640,87
19.12.2019	14:30:00	11.638,78	10.412,60	18.836,90
19.12.2019	14:45:00	11.827,72	10.691,18	19.180,96
19.12.2019	15:00:00	11.863,24	10.808,90	19.127,77
19.12.2019	15:15:00	11.903,58	11.016,24	19.224,11
19.12.2019	15:30:00	12.214,05	11.400,94	19.467,87
19.12.2019	15:45:00	12.343,60	11.631,52	19.527,51
19.12.2019	16:00:00	12.895,96	12.404,74	20.046,22

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19.12.2019	16:15:00	13.103,24	12.724,90	20.361,53
19.12.2019	16:30:00	13.392,47	13.052,53	20.503,20
19.12.2019	16:45:00	13.996,96	13.691,07	20.966,09
19.12.2019	17:00:00	15.019,75	14.713,14	21.921,36
19.12.2019	17:15:00	15.594,53	15.300,21	22.197,60
19.12.2019	17:30:00	15.903,60	15.606,99	22.296,64
19.12.2019	17:45:00	16.091,73	15.795,44	22.373,43
19.12.2019	18:00:00	16.169,56	15.872,26	22.302,38
19.12.2019	18:15:00	15.997,59	15.686,88	21.907,58
19.12.2019	18:30:00	15.651,72	15.329,06	21.342,15
19.12.2019	18:45:00	15.614,66	15.283,28	21.046,72
19.12.2019	19:00:00	15.446,63	15.088,43	20.764,75
19.12.2019	19:15:00	15.353,33	14.998,44	20.775,50
19.12.2019	19:30:00	15.466,65	15.103,98	20.702,05
19.12.2019	19:45:00	15.348,06	14.978,62	20.384,61
19.12.2019	20:00:00	15.307,45	14.930,87	20.334,92
19.12.2019	20:15:00	15.093,43	14.699,59	20.074,35
19.12.2019	20:30:00	14.882,37	14.474,30	19.562,33
19.12.2019	20:45:00	14.664,10	14.220,74	19.378,09
19.12.2019	21:00:00	14.315,29	13.895,33	18.947,57
19.12.2019	21:15:00	14.183,18	13.759,39	18.526,64
19.12.2019	21:30:00	15.197,78	14.779,75	19.587,04
19.12.2019	21:45:00	14.844,88	14.424,73	19.000,71
19.12.2019	22:00:00	14.409,10	13.982,77	18.354,47
19.12.2019	22:15:00	14.325,85	13.900,62	18.336,15
19.12.2019	22:30:00	14.182,17	13.716,71	18.067,79
19.12.2019	22:45:00	14.481,88	14.054,52	18.167,10
19.12.2019	23:00:00	14.429,19	13.997,91	18.117,27
19.12.2019	23:15:00	13.965,87	13.531,04	17.667,73
19.12.2019	23:30:00	13.293,94	12.853,58	16.880,75
19.12.2019	23:45:00	12.674,02	12.229,60	16.284,93
20.12.2019	00:00:00	12.273,78	11.826,75	15.812,41
20.12.2019	00:15:00	11.834,73	11.274,39	15.211,51
20.12.2019	00:30:00	11.456,17	10.928,68	14.868,64
20.12.2019	00:45:00	11.180,96	10.723,73	14.744,69
20.12.2019	01:00:00	10.890,78	10.432,10	14.456,58
20.12.2019	01:15:00	10.522,11	10.059,55	13.943,36
20.12.2019	01:30:00	10.242,99	9.779,40	13.722,84
20.12.2019	01:45:00	10.144,59	9.679,92	13.640,52
20.12.2019	02:00:00	10.187,94	9.706,10	13.555,15
20.12.2019	02:15:00	10.174,99	9.710,63	13.635,66
20.12.2019	02:30:00	10.088,57	9.621,97	13.698,32
20.12.2019	02:45:00	10.034,98	9.569,84	13.641,77
20.12.2019	03:00:00	9.929,87	9.460,82	13.443,44
20.12.2019	03:15:00	9.690,08	9.221,39	13.247,60
20.12.2019	03:30:00	9.737,48	9.267,99	13.185,11
20.12.2019	03:45:00	9.839,28	9.345,68	13.208,77
20.12.2019	04:00:00	9.989,95	9.473,74	13.393,61
20.12.2019	04:15:00	10.199,67	9.687,27	13.545,65
20.12.2019	04:30:00	10.222,35	9.713,44	13.507,91
20.12.2019	04:45:00	10.054,12	9.543,06	13.563,65
20.12.2019	05:00:00	10.334,23	9.835,95	13.948,48
20.12.2019	05:15:00	10.366,68	9.882,66	14.291,46
20.12.2019	05:30:00	10.095,34	9.633,79	14.302,18
20.12.2019	05:45:00	10.467,81	10.007,06	14.873,90
20.12.2019	06:00:00	10.918,74	10.461,01	15.711,78
20.12.2019	06:15:00	10.926,94	10.478,53	16.366,68
20.12.2019	06:30:00	10.904,51	10.470,69	16.770,80
20.12.2019	06:45:00	11.016,03	10.596,02	17.191,17
20.12.2019	07:00:00	11.588,66	11.149,40	18.112,46
20.12.2019	07:15:00	12.323,86	11.875,09	19.492,94
20.12.2019	07:30:00	12.688,63	12.250,02	20.120,62
20.12.2019	07:45:00	12.941,25	12.512,36	20.685,32
20.12.2019	08:00:00	13.075,09	12.657,82	21.303,33
20.12.2019	08:15:00	13.086,91	12.658,89	21.532,92
20.12.2019	08:30:00	12.995,31	12.535,48	21.463,32
20.12.2019	08:45:00	12.996,71	12.505,05	21.561,50
20.12.2019	09:00:00	13.430,77	12.906,91	21.976,32
20.12.2019	09:15:00	14.173,17	13.565,52	22.412,50
20.12.2019	09:30:00	14.260,55	13.539,67	22.363,88
20.12.2019	09:45:00	14.196,16	13.372,28	22.109,56

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20.12.2019	10:00:00	14.000,81	12.764,24	21.496,83
20.12.2019	10:15:00	14.111,48	12.967,49	21.655,96
20.12.2019	10:30:00	14.237,58	13.016,44	21.680,02
20.12.2019	10:45:00	14.066,58	13.024,28	21.571,40
20.12.2019	11:00:00	14.039,88	13.240,64	21.791,69
20.12.2019	11:15:00	14.398,92	13.787,34	22.326,73
20.12.2019	11:30:00	14.754,22	14.176,55	22.478,90
20.12.2019	11:45:00	15.092,35	14.471,28	22.853,78
20.12.2019	12:00:00	15.327,28	14.669,37	22.876,51
20.12.2019	12:15:00	15.499,82	14.841,73	22.554,00
20.12.2019	12:30:00	16.207,20	15.522,24	22.894,54
20.12.2019	12:45:00	16.047,28	15.415,68	22.624,20
20.12.2019	13:00:00	15.425,30	14.728,74	21.891,98
20.12.2019	13:15:00	15.071,83	14.325,95	21.171,73
20.12.2019	13:30:00	14.924,71	14.204,43	21.210,41
20.12.2019	13:45:00	14.830,66	14.013,22	20.972,62
20.12.2019	14:00:00	14.518,40	13.683,58	20.469,28
20.12.2019	14:15:00	14.164,40	13.135,14	19.877,94
20.12.2019	14:30:00	13.832,09	13.042,11	19.585,08
20.12.2019	14:45:00	13.926,33	13.320,82	19.693,82
20.12.2019	15:00:00	13.888,18	13.277,79	19.685,61
20.12.2019	15:15:00	14.000,87	13.428,89	19.744,95
20.12.2019	15:30:00	14.069,36	13.528,52	19.479,24
20.12.2019	15:45:00	14.185,70	13.656,49	19.552,06
20.12.2019	16:00:00	14.226,98	13.702,55	19.611,30
20.12.2019	16:15:00	14.448,89	13.921,91	19.658,46
20.12.2019	16:30:00	14.794,66	14.299,18	20.098,72
20.12.2019	16:45:00	15.130,04	14.638,37	20.488,60
20.12.2019	17:00:00	15.632,20	15.167,74	20.867,86
20.12.2019	17:15:00	16.039,35	15.573,95	21.187,02
20.12.2019	17:30:00	16.114,72	15.645,74	21.197,77
20.12.2019	17:45:00	16.282,82	15.815,30	21.267,05
20.12.2019	18:00:00	16.225,38	15.753,61	21.026,74
20.12.2019	18:15:00	16.115,03	15.641,46	20.838,89
20.12.2019	18:30:00	15.819,83	15.345,67	20.539,35
20.12.2019	18:45:00	15.541,36	15.052,38	19.984,81
20.12.2019	19:00:00	15.234,69	14.745,99	19.632,69
20.12.2019	19:15:00	15.294,22	14.799,43	19.560,78
20.12.2019	19:30:00	15.209,23	14.699,43	19.310,98
20.12.2019	19:45:00	14.925,93	14.395,79	19.010,15
20.12.2019	20:00:00	14.730,32	14.204,65	18.857,91
20.12.2019	20:15:00	14.479,32	13.939,12	18.432,60
20.12.2019	20:30:00	14.259,54	13.708,73	17.993,37
20.12.2019	20:45:00	14.210,21	13.655,85	17.922,93
20.12.2019	21:00:00	13.941,24	13.387,99	17.484,44
20.12.2019	21:15:00	13.852,92	13.283,16	17.356,99
20.12.2019	21:30:00	14.859,97	14.275,57	18.446,84
20.12.2019	21:45:00	14.513,58	13.959,47	18.074,12
20.12.2019	22:00:00	14.162,17	13.605,06	17.587,90
20.12.2019	22:15:00	14.074,17	13.523,96	17.521,91
20.12.2019	22:30:00	14.339,54	13.785,81	17.708,14
20.12.2019	22:45:00	14.600,01	14.048,38	17.686,79
20.12.2019	23:00:00	14.512,96	13.956,50	17.644,40
20.12.2019	23:15:00	13.914,02	13.351,20	16.976,64
20.12.2019	23:30:00	13.341,44	12.771,90	16.253,44
20.12.2019	23:45:00	12.840,11	12.335,78	15.879,98
21.12.2019	00:00:00	12.271,70	11.804,22	15.347,84
21.12.2019	00:15:00	11.795,93	11.324,34	14.720,78
21.12.2019	00:30:00	11.275,51	10.797,97	14.268,44
21.12.2019	00:45:00	10.770,95	10.291,53	13.786,26
21.12.2019	01:00:00	10.362,37	9.880,02	13.178,40
21.12.2019	01:15:00	9.920,56	9.433,29	12.807,46
21.12.2019	01:30:00	9.787,31	9.299,00	12.666,42
21.12.2019	01:45:00	9.717,07	9.225,70	12.663,44
21.12.2019	02:00:00	9.559,38	9.071,68	12.534,94
21.12.2019	02:15:00	9.535,89	9.024,49	12.505,79
21.12.2019	02:30:00	9.727,62	9.237,16	12.700,54
21.12.2019	02:45:00	9.558,84	9.066,59	12.454,98
21.12.2019	03:00:00	9.469,05	8.973,95	12.418,18
21.12.2019	03:15:00	9.278,07	8.784,64	12.168,84
21.12.2019	03:30:00	9.384,66	8.868,95	12.122,12

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.12.2019	03:45:00	9.622,12	9.008,89	12.360,26
21.12.2019	04:00:00	9.677,17	9.079,98	12.474,48
21.12.2019	04:15:00	9.906,60	9.313,03	12.590,87
21.12.2019	04:30:00	10.052,25	9.458,30	12.803,51
21.12.2019	04:45:00	9.969,23	9.373,74	12.653,11
21.12.2019	05:00:00	10.077,31	9.488,16	12.734,10
21.12.2019	05:15:00	9.901,09	9.323,70	12.814,72
21.12.2019	05:30:00	9.630,29	9.022,54	12.638,28
21.12.2019	05:45:00	9.851,34	9.331,65	12.866,58
21.12.2019	06:00:00	9.913,81	9.402,88	13.056,88
21.12.2019	06:15:00	9.830,56	9.279,63	13.118,04
21.12.2019	06:30:00	9.827,40	9.287,28	12.959,56
21.12.2019	06:45:00	9.430,54	8.889,14	12.543,44
21.12.2019	07:00:00	9.487,34	8.948,27	12.875,79
21.12.2019	07:15:00	9.926,77	9.401,25	13.343,17
21.12.2019	07:30:00	10.264,53	9.729,30	13.725,88
21.12.2019	07:45:00	10.623,38	10.080,38	14.305,79
21.12.2019	08:00:00	11.066,38	10.530,10	14.819,31
21.12.2019	08:15:00	10.917,86	10.394,64	14.661,83
21.12.2019	08:30:00	11.259,25	10.735,27	15.102,50
21.12.2019	08:45:00	11.620,31	11.049,14	15.502,04
21.12.2019	09:00:00	11.948,19	11.264,87	15.669,42
21.12.2019	09:15:00	12.296,34	11.511,63	15.961,94
21.12.2019	09:30:00	12.564,84	11.717,09	16.225,64
21.12.2019	09:45:00	12.828,09	11.769,36	16.141,48
21.12.2019	10:00:00	12.897,77	11.746,41	16.166,35
21.12.2019	10:15:00	13.147,42	11.867,99	16.347,06
21.12.2019	10:30:00	13.292,16	11.909,53	16.371,95
21.12.2019	10:45:00	13.264,79	11.419,93	15.937,16
21.12.2019	11:00:00	13.336,84	11.304,46	15.901,45
21.12.2019	11:15:00	13.376,24	11.664,17	16.187,92
21.12.2019	11:30:00	13.721,74	11.969,74	16.361,74
21.12.2019	11:45:00	13.867,39	12.280,68	16.852,45
21.12.2019	12:00:00	14.199,36	11.493,84	15.919,16
21.12.2019	12:15:00	14.448,71	10.793,46	15.013,64
21.12.2019	12:30:00	14.547,27	12.051,43	16.368,98
21.12.2019	12:45:00	14.495,87	11.186,69	15.505,45
21.12.2019	13:00:00	14.437,52	11.272,95	15.427,99
21.12.2019	13:15:00	14.368,40	12.364,27	16.643,48
21.12.2019	13:30:00	15.153,44	12.112,40	16.360,49
21.12.2019	13:45:00	14.084,95	11.060,20	15.224,58
21.12.2019	14:00:00	13.142,13	10.940,53	15.211,12
21.12.2019	14:15:00	12.451,13	10.925,98	15.175,89
21.12.2019	14:30:00	12.123,08	10.739,07	14.964,47
21.12.2019	14:45:00	12.198,88	10.893,20	15.115,40
21.12.2019	15:00:00	12.264,64	11.029,17	15.306,64
21.12.2019	15:15:00	12.244,80	11.189,12	15.377,93
21.12.2019	15:30:00	12.439,04	11.685,53	15.791,56
21.12.2019	15:45:00	12.535,89	11.809,72	15.958,83
21.12.2019	16:00:00	12.554,38	11.778,64	15.882,84
21.12.2019	16:15:00	12.838,04	12.248,17	16.340,05
21.12.2019	16:30:00	13.139,61	12.658,32	16.911,59
21.12.2019	16:45:00	13.823,96	13.364,26	17.669,79
21.12.2019	17:00:00	14.868,05	14.415,80	18.697,71
21.12.2019	17:15:00	15.042,24	14.575,91	19.036,28
21.12.2019	17:30:00	15.104,70	14.644,80	19.075,91
21.12.2019	17:45:00	15.002,49	14.535,77	18.737,52
21.12.2019	18:00:00	15.038,32	14.606,36	18.953,15
21.12.2019	18:15:00	14.950,97	14.602,33	18.971,90
21.12.2019	18:30:00	14.719,51	14.368,77	18.670,74
21.12.2019	18:45:00	14.676,63	14.332,69	18.541,56
21.12.2019	19:00:00	14.587,66	14.233,87	18.482,89
21.12.2019	19:15:00	14.610,05	14.261,59	18.528,31
21.12.2019	19:30:00	14.492,18	14.143,47	18.373,69
21.12.2019	19:45:00	14.202,15	13.845,06	18.132,03
21.12.2019	20:00:00	14.055,85	13.689,57	17.847,96
21.12.2019	20:15:00	13.992,57	13.612,48	17.596,85
21.12.2019	20:30:00	13.742,68	13.372,91	17.321,00
21.12.2019	20:45:00	13.746,64	13.375,32	17.266,19
21.12.2019	21:00:00	13.464,37	13.073,87	16.889,22
21.12.2019	21:15:00	13.666,42	13.187,72	16.985,00

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
21.12.2019	21:30:00	14.690,14	14.221,71	18.004,05
21.12.2019	21:45:00	14.210,67	13.736,83	17.301,94
21.12.2019	22:00:00	13.847,20	13.369,44	17.058,31
21.12.2019	22:15:00	13.981,94	13.503,89	17.266,37
21.12.2019	22:30:00	14.320,96	13.845,58	17.476,67
21.12.2019	22:45:00	14.648,65	14.170,93	17.803,23
21.12.2019	23:00:00	14.853,87	14.381,70	17.952,06
21.12.2019	23:15:00	14.103,67	13.625,79	17.010,92
21.12.2019	23:30:00	13.377,25	12.894,05	16.298,67
21.12.2019	23:45:00	12.980,33	12.488,44	15.984,77
22.12.2019	00:00:00	12.345,67	11.852,69	15.209,24
22.12.2019	00:15:00	11.841,43	11.341,01	14.630,09
22.12.2019	00:30:00	11.630,85	11.125,53	14.472,94
22.12.2019	00:45:00	11.073,60	10.565,63	13.810,84
22.12.2019	01:00:00	10.653,57	10.144,30	13.398,46
22.12.2019	01:15:00	10.312,46	9.804,85	13.196,77
22.12.2019	01:30:00	10.095,48	9.586,18	13.010,93
22.12.2019	01:45:00	9.701,70	9.181,02	12.511,29
22.12.2019	02:00:00	9.385,72	8.860,33	12.290,20
22.12.2019	02:15:00	9.282,43	8.764,18	12.232,82
22.12.2019	02:30:00	9.228,85	8.756,70	12.030,48
22.12.2019	02:45:00	9.099,81	8.687,43	11.996,88
22.12.2019	03:00:00	9.051,38	8.635,93	11.839,30
22.12.2019	03:15:00	8.818,81	8.403,63	11.491,71
22.12.2019	03:30:00	8.908,68	8.493,91	11.701,89
22.12.2019	03:45:00	8.998,98	8.567,58	11.804,74
22.12.2019	04:00:00	9.015,62	8.599,64	11.741,15
22.12.2019	04:15:00	9.059,43	8.645,78	11.958,88
22.12.2019	04:30:00	9.042,81	8.630,47	11.949,68
22.12.2019	04:45:00	8.941,55	8.528,58	11.724,79
22.12.2019	05:00:00	9.078,30	8.667,34	11.826,60
22.12.2019	05:15:00	9.105,97	8.694,30	12.001,45
22.12.2019	05:30:00	9.051,53	8.639,99	11.895,44
22.12.2019	05:45:00	9.065,20	8.652,30	11.812,68
22.12.2019	06:00:00	9.030,58	8.576,26	11.847,35
22.12.2019	06:15:00	8.878,16	8.375,25	11.695,82
22.12.2019	06:30:00	8.676,12	8.163,29	11.411,15
22.12.2019	06:45:00	8.283,41	7.772,11	11.059,53
22.12.2019	07:00:00	8.366,58	7.861,91	11.259,90
22.12.2019	07:15:00	8.884,68	8.388,52	11.648,15
22.12.2019	07:30:00	9.038,43	8.546,02	11.855,42
22.12.2019	07:45:00	9.229,48	8.734,70	12.090,68
22.12.2019	08:00:00	9.617,82	9.130,18	12.459,32
22.12.2019	08:15:00	9.687,27	9.204,17	12.647,19
22.12.2019	08:30:00	9.798,14	9.305,41	12.727,85
22.12.2019	08:45:00	10.188,78	9.653,83	12.996,99
22.12.2019	09:00:00	10.543,76	9.953,25	13.325,09
22.12.2019	09:15:00	10.918,99	10.249,59	13.701,93
22.12.2019	09:30:00	11.294,74	10.493,70	13.874,78
22.12.2019	09:45:00	11.589,78	10.741,51	14.111,27
22.12.2019	10:00:00	11.869,74	10.833,01	14.334,64
22.12.2019	10:15:00	12.074,47	11.021,95	14.534,41
22.12.2019	10:30:00	12.474,65	11.603,88	15.012,38
22.12.2019	10:45:00	12.664,22	11.623,54	15.103,95
22.12.2019	11:00:00	12.887,15	11.594,15	15.094,14
22.12.2019	11:15:00	13.131,47	11.594,66	14.935,31
22.12.2019	11:30:00	13.479,16	12.165,76	15.626,06
22.12.2019	11:45:00	13.651,62	12.395,92	15.851,38
22.12.2019	12:00:00	13.797,47	12.568,85	16.050,01
22.12.2019	12:15:00	13.884,58	12.592,17	16.048,32
22.12.2019	12:30:00	14.284,41	13.030,87	16.495,62
22.12.2019	12:45:00	14.150,74	13.171,89	16.557,65
22.12.2019	13:00:00	14.246,18	12.969,66	16.410,98
22.12.2019	13:15:00	14.291,86	13.254,81	16.768,73
22.12.2019	13:30:00	14.303,65	13.062,53	16.540,01
22.12.2019	13:45:00	13.752,83	12.662,52	16.104,61
22.12.2019	14:00:00	13.696,65	12.997,93	16.549,25
22.12.2019	14:15:00	13.623,87	12.896,64	16.393,30
22.12.2019	14:30:00	13.214,92	12.174,11	15.529,77
22.12.2019	14:45:00	12.875,55	11.810,68	15.193,25
22.12.2019	15:00:00	12.769,50	11.741,00	15.123,64

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
22.12.2019	15:15:00	12.626,29	11.908,71	15.304,30
22.12.2019	15:30:00	12.799,73	12.245,98	15.723,03
22.12.2019	15:45:00	12.947,77	12.283,47	15.802,37
22.12.2019	16:00:00	12.952,70	12.466,65	15.985,57
22.12.2019	16:15:00	13.034,32	12.641,98	16.274,53
22.12.2019	16:30:00	13.124,84	12.758,02	16.380,99
22.12.2019	16:45:00	13.989,44	13.625,89	17.175,64
22.12.2019	17:00:00	14.382,27	13.980,33	17.614,19
22.12.2019	17:15:00	14.733,21	14.333,83	17.987,70
22.12.2019	17:30:00	14.696,13	14.301,35	17.815,34
22.12.2019	17:45:00	14.817,56	14.425,73	18.035,95
22.12.2019	18:00:00	15.074,51	14.689,54	18.307,82
22.12.2019	18:15:00	15.022,71	14.670,70	18.327,41
22.12.2019	18:30:00	14.727,56	14.371,77	18.059,04
22.12.2019	18:45:00	14.529,40	14.176,92	17.864,86
22.12.2019	19:00:00	14.379,10	14.019,94	17.630,61
22.12.2019	19:15:00	14.529,88	14.069,67	17.612,86
22.12.2019	19:30:00	14.603,65	14.137,53	17.724,52
22.12.2019	19:45:00	14.165,36	13.692,40	17.308,42
22.12.2019	20:00:00	13.922,47	13.446,50	17.022,50
22.12.2019	20:15:00	13.886,24	13.408,97	17.128,58
22.12.2019	20:30:00	13.975,73	13.497,57	17.182,89
22.12.2019	20:45:00	13.831,26	13.323,18	16.801,09
22.12.2019	21:00:00	13.445,95	12.944,97	16.469,86
22.12.2019	21:15:00	13.403,90	12.918,79	16.428,86
22.12.2019	21:30:00	14.450,33	13.972,93	17.391,33
22.12.2019	21:45:00	14.067,40	13.588,53	17.202,37
22.12.2019	22:00:00	13.714,65	13.232,38	16.863,28
22.12.2019	22:15:00	13.636,47	13.150,96	16.754,50
22.12.2019	22:30:00	13.398,95	12.915,46	16.387,71
22.12.2019	22:45:00	13.589,89	13.083,12	16.522,44
22.12.2019	23:00:00	13.592,98	13.052,74	16.423,52
22.12.2019	23:15:00	12.943,77	12.399,67	15.728,23
22.12.2019	23:30:00	12.431,72	11.910,42	15.278,42
22.12.2019	23:45:00	11.872,88	11.366,86	14.642,57
23.12.2019	00:00:00	11.252,09	10.742,30	13.893,37
23.12.2019	00:15:00	10.707,98	10.193,76	13.471,58
23.12.2019	00:30:00	10.269,95	9.825,03	13.184,92
23.12.2019	00:45:00	9.934,28	9.520,54	12.736,95
23.12.2019	01:00:00	9.534,73	9.070,09	12.445,47
23.12.2019	01:15:00	9.257,86	8.791,31	12.122,90
23.12.2019	01:30:00	9.059,09	8.592,73	11.819,05
23.12.2019	01:45:00	8.869,10	8.408,10	11.658,91
23.12.2019	02:00:00	8.746,13	8.289,69	11.457,24
23.12.2019	02:15:00	8.742,30	8.320,94	11.468,48
23.12.2019	02:30:00	8.844,54	8.423,07	11.591,22
23.12.2019	02:45:00	8.823,88	8.402,86	11.598,61
23.12.2019	03:00:00	9.076,71	8.623,03	11.764,19
23.12.2019	03:15:00	8.764,23	8.294,01	11.472,17
23.12.2019	03:30:00	8.811,12	8.339,15	11.628,90
23.12.2019	03:45:00	8.948,09	8.369,44	11.509,84
23.12.2019	04:00:00	9.078,00	8.502,12	11.623,09
23.12.2019	04:15:00	9.208,75	8.679,26	11.919,82
23.12.2019	04:30:00	9.338,94	8.811,23	12.061,37
23.12.2019	04:45:00	9.312,04	8.786,93	11.898,57
23.12.2019	05:00:00	9.500,23	8.968,41	12.258,73
23.12.2019	05:15:00	9.709,37	9.163,99	12.721,97
23.12.2019	05:30:00	9.471,25	8.939,72	12.482,21
23.12.2019	05:45:00	9.639,71	9.118,60	12.898,46
23.12.2019	06:00:00	9.766,85	9.253,93	13.167,92
23.12.2019	06:15:00	9.780,70	9.276,49	13.101,66
23.12.2019	06:30:00	9.542,72	9.051,64	13.009,97
23.12.2019	06:45:00	9.372,29	8.887,29	12.898,71
23.12.2019	07:00:00	9.438,04	8.960,27	13.075,26
23.12.2019	07:15:00	9.887,62	9.419,40	13.750,82
23.12.2019	07:30:00	10.317,91	9.858,86	14.321,94
23.12.2019	07:45:00	10.551,06	10.091,71	14.758,42
23.12.2019	08:00:00	11.093,34	10.630,09	15.409,38
23.12.2019	08:15:00	11.468,44	11.017,64	16.035,93
23.12.2019	08:30:00	11.392,28	10.939,90	16.009,84
23.12.2019	08:45:00	11.693,35	11.269,84	16.395,96

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
23.12.2019	09:00:00	12.173,05	11.745,51	16.968,53
23.12.2019	09:15:00	12.887,47	12.312,18	17.605,44
23.12.2019	09:30:00	12.729,92	11.854,11	17.056,36
23.12.2019	09:45:00	12.835,62	11.838,08	17.114,12
23.12.2019	10:00:00	12.708,52	11.686,53	16.974,64
23.12.2019	10:15:00	13.023,55	11.375,93	16.463,16
23.12.2019	10:30:00	12.898,08	10.537,36	15.583,51
23.12.2019	10:45:00	12.641,74	11.500,99	16.430,86
23.12.2019	11:00:00	12.682,37	11.378,50	16.247,42
23.12.2019	11:15:00	13.360,83	12.013,46	17.140,84
23.12.2019	11:30:00	13.399,16	11.842,85	17.093,38
23.12.2019	11:45:00	13.578,76	12.496,12	17.649,09
23.12.2019	12:00:00	14.318,05	13.538,41	18.657,37
23.12.2019	12:15:00	14.559,61	12.949,25	18.011,37
23.12.2019	12:30:00	14.929,72	13.803,06	18.843,90
23.12.2019	12:45:00	14.708,81	13.638,49	18.602,18
23.12.2019	13:00:00	14.568,74	13.603,63	18.587,74
23.12.2019	13:15:00	14.373,47	13.315,54	18.268,14
23.12.2019	13:30:00	14.416,48	13.548,05	18.429,97
23.12.2019	13:45:00	14.108,13	13.342,04	18.388,61
23.12.2019	14:00:00	14.007,11	13.252,94	18.206,54
23.12.2019	14:15:00	13.967,63	13.147,80	18.096,13
23.12.2019	14:30:00	13.669,21	12.950,70	17.886,14
23.12.2019	14:45:00	13.629,76	13.021,93	17.937,87
23.12.2019	15:00:00	13.702,26	13.115,63	17.958,38
23.12.2019	15:15:00	13.784,69	13.214,04	18.214,38
23.12.2019	15:30:00	13.688,06	13.141,41	18.140,75
23.12.2019	15:45:00	13.705,51	13.242,86	18.019,84
23.12.2019	16:00:00	13.703,52	13.245,76	17.964,14
23.12.2019	16:15:00	13.828,39	13.417,06	18.167,72
23.12.2019	16:30:00	14.178,62	13.781,97	18.401,08
23.12.2019	16:45:00	14.500,64	14.109,50	18.774,67
23.12.2019	17:00:00	15.425,33	15.033,48	19.776,81
23.12.2019	17:15:00	15.841,11	15.446,90	20.209,22
23.12.2019	17:30:00	15.968,76	15.569,24	20.270,72
23.12.2019	17:45:00	16.051,78	15.648,49	20.412,90
23.12.2019	18:00:00	16.172,64	15.770,89	20.467,95
23.12.2019	18:15:00	16.017,98	15.607,59	20.207,92
23.12.2019	18:30:00	15.873,94	15.538,44	20.206,05
23.12.2019	18:45:00	15.653,13	15.352,36	19.890,46
23.12.2019	19:00:00	15.434,42	15.132,77	19.501,22
23.12.2019	19:15:00	15.449,67	15.145,01	19.510,76
23.12.2019	19:30:00	15.514,17	15.196,67	19.488,17
23.12.2019	19:45:00	15.174,12	14.826,78	18.988,32
23.12.2019	20:00:00	14.981,23	14.656,28	18.865,60
23.12.2019	20:15:00	14.695,45	14.345,98	18.465,62
23.12.2019	20:30:00	14.271,85	13.911,94	17.861,46
23.12.2019	20:45:00	14.199,08	13.837,62	17.791,64
23.12.2019	21:00:00	13.975,52	13.606,94	17.599,00
23.12.2019	21:15:00	14.101,50	13.734,05	17.619,56
23.12.2019	21:30:00	15.199,26	14.814,92	18.621,98
23.12.2019	21:45:00	14.929,74	14.457,28	18.336,63
23.12.2019	22:00:00	14.514,44	14.035,33	17.886,84
23.12.2019	22:15:00	14.457,48	13.980,88	17.647,11
23.12.2019	22:30:00	14.583,52	14.105,89	17.779,45
23.12.2019	22:45:00	14.848,38	14.373,20	18.023,80
23.12.2019	23:00:00	14.968,48	14.490,84	18.020,75
23.12.2019	23:15:00	14.372,46	13.893,40	17.322,06
23.12.2019	23:30:00	13.646,66	13.162,47	16.677,10
23.12.2019	23:45:00	13.088,98	12.574,86	16.107,81
24.12.2019	00:00:00	12.496,07	11.999,61	15.567,19
24.12.2019	00:15:00	12.061,19	11.562,69	14.957,02
24.12.2019	00:30:00	11.608,41	11.106,75	14.477,02
24.12.2019	00:45:00	11.089,80	10.583,99	13.876,12
24.12.2019	01:00:00	10.598,99	10.088,09	13.384,82
24.12.2019	01:15:00	10.126,05	9.613,54	12.853,74
24.12.2019	01:30:00	9.740,38	9.208,08	12.438,66
24.12.2019	01:45:00	9.416,14	8.901,47	12.143,80
24.12.2019	02:00:00	9.368,43	8.848,78	11.999,09
24.12.2019	02:15:00	9.616,10	9.100,94	12.273,12
24.12.2019	02:30:00	9.555,84	9.042,84	12.275,03

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.12.2019	02:45:00	9.407,70	8.965,17	12.143,46
24.12.2019	03:00:00	9.386,05	8.981,95	12.020,14
24.12.2019	03:15:00	9.212,90	8.809,39	11.943,10
24.12.2019	03:30:00	9.188,53	8.740,48	11.831,45
24.12.2019	03:45:00	9.196,91	8.743,23	11.693,08
24.12.2019	04:00:00	9.291,58	8.840,19	11.942,04
24.12.2019	04:15:00	9.433,97	9.030,42	12.236,47
24.12.2019	04:30:00	9.538,01	9.138,21	12.299,79
24.12.2019	04:45:00	9.704,58	9.288,95	12.597,29
24.12.2019	05:00:00	9.768,10	9.268,06	12.712,85
24.12.2019	05:15:00	9.661,57	9.164,52	12.706,00
24.12.2019	05:30:00	9.368,49	8.845,90	12.323,06
24.12.2019	05:45:00	9.581,88	9.060,37	12.534,33
24.12.2019	06:00:00	9.578,36	9.062,26	12.490,78
24.12.2019	06:15:00	9.575,42	9.059,92	12.631,26
24.12.2019	06:30:00	9.608,25	9.116,98	12.769,52
24.12.2019	06:45:00	9.264,87	8.783,69	12.424,02
24.12.2019	07:00:00	9.301,65	8.819,18	12.536,35
24.12.2019	07:15:00	9.777,97	9.284,70	13.180,24
24.12.2019	07:30:00	10.101,45	9.603,10	13.509,20
24.12.2019	07:45:00	10.575,77	10.087,68	14.001,22
24.12.2019	08:00:00	10.886,52	10.391,05	14.428,32
24.12.2019	08:15:00	10.735,03	10.230,75	14.311,83
24.12.2019	08:30:00	11.098,59	10.574,12	14.500,02
24.12.2019	08:45:00	11.543,71	11.001,02	15.013,00
24.12.2019	09:00:00	11.993,48	11.412,39	15.479,28
24.12.2019	09:15:00	12.399,44	11.765,74	15.770,24
24.12.2019	09:30:00	12.663,05	11.957,64	16.017,99
24.12.2019	09:45:00	13.110,17	12.356,90	16.471,52
24.12.2019	10:00:00	13.419,76	12.531,27	16.580,02
24.12.2019	10:15:00	13.720,35	12.798,86	16.795,82
24.12.2019	10:30:00	13.617,04	12.895,02	17.058,10
24.12.2019	10:45:00	13.864,71	13.144,51	17.322,31
24.12.2019	11:00:00	13.823,37	13.017,72	17.072,94
24.12.2019	11:15:00	13.988,08	13.340,40	17.597,59
24.12.2019	11:30:00	14.409,18	13.841,13	18.137,86
24.12.2019	11:45:00	14.670,89	14.038,84	18.203,97
24.12.2019	12:00:00	14.635,70	13.883,95	18.024,09
24.12.2019	12:15:00	14.953,48	14.251,88	18.397,82
24.12.2019	12:30:00	15.269,38	14.447,33	18.482,06
24.12.2019	12:45:00	15.027,07	14.281,91	18.303,48
24.12.2019	13:00:00	14.933,50	14.263,66	18.360,91
24.12.2019	13:15:00	14.858,72	14.143,50	18.168,40
24.12.2019	13:30:00	15.527,46	14.898,59	19.037,38
24.12.2019	13:45:00	15.232,28	14.587,60	18.736,18
24.12.2019	14:00:00	15.104,11	14.434,10	18.483,69
24.12.2019	14:15:00	14.726,77	14.153,13	18.068,33
24.12.2019	14:30:00	14.317,10	13.648,11	17.506,89
24.12.2019	14:45:00	13.741,01	12.475,20	16.211,60
24.12.2019	15:00:00	13.543,81	12.555,77	16.142,74
24.12.2019	15:15:00	12.921,44	11.745,52	15.244,96
24.12.2019	15:30:00	12.727,30	11.618,37	15.135,25
24.12.2019	15:45:00	12.542,97	11.515,20	14.935,51
24.12.2019	16:00:00	12.654,17	11.983,89	15.474,46
24.12.2019	16:15:00	12.881,06	12.292,69	15.747,75
24.12.2019	16:30:00	12.946,63	12.438,82	15.987,50
24.12.2019	16:45:00	13.152,84	12.697,19	16.291,15
24.12.2019	17:00:00	13.797,46	13.351,84	16.929,88
24.12.2019	17:15:00	14.667,23	14.226,69	17.795,50
24.12.2019	17:30:00	14.922,21	14.482,84	18.182,18
24.12.2019	17:45:00	15.096,97	14.657,97	18.232,39
24.12.2019	18:00:00	14.957,98	14.516,49	17.982,12
24.12.2019	18:15:00	14.498,69	14.055,99	17.639,54
24.12.2019	18:30:00	14.243,21	13.905,73	17.498,58
24.12.2019	18:45:00	13.800,34	13.458,08	16.953,69
24.12.2019	19:00:00	13.538,50	13.183,75	16.690,23
24.12.2019	19:15:00	13.344,26	13.001,08	16.500,78
24.12.2019	19:30:00	13.083,74	12.738,45	16.203,60
24.12.2019	19:45:00	12.803,28	12.458,84	15.950,92
24.12.2019	20:00:00	12.562,21	12.206,93	15.799,17
24.12.2019	20:15:00	12.305,15	11.939,59	15.447,78

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
24.12.2019	20:30:00	12.169,15	11.781,45	15.205,67
24.12.2019	20:45:00	12.213,65	11.838,04	15.278,67
24.12.2019	21:00:00	12.058,96	11.685,70	15.038,27
24.12.2019	21:15:00	12.222,45	11.810,79	15.116,01
24.12.2019	21:30:00	13.224,18	12.738,32	16.094,72
24.12.2019	21:45:00	13.215,31	12.726,41	16.111,14
24.12.2019	22:00:00	13.032,12	12.538,82	15.933,07
24.12.2019	22:15:00	13.290,79	12.797,26	16.238,73
24.12.2019	22:30:00	13.674,63	13.182,61	16.523,32
24.12.2019	22:45:00	13.972,16	13.484,86	16.750,10
24.12.2019	23:00:00	13.968,11	13.481,29	16.761,79
24.12.2019	23:15:00	13.447,94	12.956,95	16.227,13
24.12.2019	23:30:00	12.934,42	12.441,98	15.533,46
24.12.2019	23:45:00	12.528,24	12.033,41	15.183,12
25.12.2019	00:00:00	12.105,31	11.593,08	14.805,77
25.12.2019	00:15:00	11.647,47	11.143,99	14.231,52
25.12.2019	00:30:00	11.142,46	10.633,05	13.682,07
25.12.2019	00:45:00	10.575,70	10.066,67	13.204,67
25.12.2019	01:00:00	10.285,26	9.773,04	12.968,00
25.12.2019	01:15:00	10.070,95	9.560,26	12.599,89
25.12.2019	01:30:00	9.833,92	9.322,99	12.446,89
25.12.2019	01:45:00	9.525,09	8.976,67	12.103,25
25.12.2019	02:00:00	9.275,55	8.762,46	11.877,50
25.12.2019	02:15:00	9.256,88	8.738,99	11.885,58
25.12.2019	02:30:00	9.063,41	8.549,93	11.690,39
25.12.2019	02:45:00	9.016,91	8.609,59	11.628,18
25.12.2019	03:00:00	9.010,11	8.605,34	11.720,75
25.12.2019	03:15:00	8.799,51	8.392,96	11.517,35
25.12.2019	03:30:00	8.774,34	8.323,41	11.411,01
25.12.2019	03:45:00	8.904,87	8.443,02	11.610,70
25.12.2019	04:00:00	8.930,34	8.473,61	11.731,87
25.12.2019	04:15:00	9.069,18	8.615,30	11.846,08
25.12.2019	04:30:00	8.951,99	8.497,68	11.717,87
25.12.2019	04:45:00	8.961,82	8.449,89	11.760,40
25.12.2019	05:00:00	9.045,10	8.481,52	11.742,47
25.12.2019	05:15:00	9.011,08	8.465,55	11.725,69
25.12.2019	05:30:00	8.666,71	8.132,53	11.470,45
25.12.2019	05:45:00	8.808,66	8.317,07	11.694,90
25.12.2019	06:00:00	8.772,45	8.274,07	11.628,35
25.12.2019	06:15:00	8.549,69	8.061,25	11.610,03
25.12.2019	06:30:00	8.335,71	7.839,29	11.301,34
25.12.2019	06:45:00	7.859,55	7.359,68	10.669,86
25.12.2019	07:00:00	7.791,51	7.267,48	10.677,61
25.12.2019	07:15:00	8.052,57	7.507,19	10.933,66
25.12.2019	07:30:00	8.280,31	7.739,34	11.075,10
25.12.2019	07:45:00	8.531,45	7.995,27	11.412,71
25.12.2019	08:00:00	8.874,78	8.334,19	11.775,34
25.12.2019	08:15:00	8.877,25	8.335,43	11.727,94
25.12.2019	08:30:00	8.995,05	8.444,90	11.829,54
25.12.2019	08:45:00	9.528,00	8.857,14	12.254,67
25.12.2019	09:00:00	9.950,32	9.282,25	12.679,10
25.12.2019	09:15:00	10.410,49	9.751,03	13.237,17
25.12.2019	09:30:00	10.962,17	10.320,17	13.814,81
25.12.2019	09:45:00	11.385,18	10.740,72	14.200,78
25.12.2019	10:00:00	11.823,65	10.891,62	14.218,77
25.12.2019	10:15:00	12.100,99	11.289,31	14.774,01
25.12.2019	10:30:00	12.253,49	11.296,30	14.721,54
25.12.2019	10:45:00	12.474,78	11.343,74	14.700,88
25.12.2019	11:00:00	12.785,90	12.104,28	15.533,66
25.12.2019	11:15:00	13.172,08	12.241,50	15.723,53
25.12.2019	11:30:00	13.663,38	13.013,01	16.422,19
25.12.2019	11:45:00	14.024,92	13.308,54	16.873,49
25.12.2019	12:00:00	14.217,94	13.440,83	16.958,32
25.12.2019	12:15:00	14.203,49	13.244,81	16.785,00
25.12.2019	12:30:00	14.514,69	13.517,68	17.102,34
25.12.2019	12:45:00	14.184,31	13.388,30	16.984,31
25.12.2019	13:00:00	13.681,91	13.012,08	16.543,94
25.12.2019	13:15:00	13.522,29	12.777,83	16.306,91
25.12.2019	13:30:00	14.021,49	13.359,72	16.918,57
25.12.2019	13:45:00	13.922,23	13.142,18	16.621,10
25.12.2019	14:00:00	12.957,51	11.610,62	15.000,95

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
25.12.2019	14:15:00	11.757,44	9.925,29	13.309,87
25.12.2019	14:30:00	12.128,97	11.381,07	14.829,39
25.12.2019	14:45:00	11.941,22	11.336,96	14.704,77
25.12.2019	15:00:00	12.056,06	11.508,50	15.025,20
25.12.2019	15:15:00	12.142,45	11.638,56	15.145,95
25.12.2019	15:30:00	11.985,11	11.458,19	14.898,39
25.12.2019	15:45:00	11.757,94	11.201,88	14.685,60
25.12.2019	16:00:00	11.735,61	11.195,83	14.742,02
25.12.2019	16:15:00	11.707,94	11.198,19	14.589,40
25.12.2019	16:30:00	11.802,59	11.338,21	14.886,34
25.12.2019	16:45:00	12.017,88	11.553,78	15.207,22
25.12.2019	17:00:00	12.682,10	12.219,48	15.705,71
25.12.2019	17:15:00	13.064,13	12.701,21	16.262,46
25.12.2019	17:30:00	13.174,82	12.774,86	16.393,54
25.12.2019	17:45:00	13.289,48	12.893,03	16.584,86
25.12.2019	18:00:00	13.382,21	12.989,85	16.646,14
25.12.2019	18:15:00	13.476,95	13.126,47	16.834,76
25.12.2019	18:30:00	13.417,92	13.071,76	16.712,37
25.12.2019	18:45:00	13.239,04	12.889,80	16.414,02
25.12.2019	19:00:00	13.155,02	12.794,48	16.356,80
25.12.2019	19:15:00	13.195,63	12.811,41	16.280,67
25.12.2019	19:30:00	13.295,46	12.956,96	16.411,84
25.12.2019	19:45:00	13.071,76	12.729,28	16.193,43
25.12.2019	20:00:00	13.027,51	12.670,43	16.112,91
25.12.2019	20:15:00	12.818,60	12.367,36	15.697,89
25.12.2019	20:30:00	12.515,56	12.055,77	15.577,07
25.12.2019	20:45:00	12.742,90	12.281,23	15.723,08
25.12.2019	21:00:00	12.453,47	11.987,66	15.404,76
25.12.2019	21:15:00	12.620,44	12.156,53	15.685,75
25.12.2019	21:30:00	13.560,64	13.106,24	16.593,68
25.12.2019	21:45:00	13.222,02	12.765,89	16.152,91
25.12.2019	22:00:00	12.913,71	12.428,74	15.815,27
25.12.2019	22:15:00	12.974,51	12.523,86	15.957,82
25.12.2019	22:30:00	13.239,10	12.902,97	16.224,70
25.12.2019	22:45:00	13.603,11	13.279,79	16.542,78
25.12.2019	23:00:00	13.756,96	13.432,04	16.705,15
25.12.2019	23:15:00	13.246,82	12.917,87	16.243,53
25.12.2019	23:30:00	12.824,67	12.493,82	15.740,27
25.12.2019	23:45:00	12.223,91	11.885,52	15.217,61
26.12.2019	00:00:00	11.721,38	11.378,11	14.675,95
26.12.2019	00:15:00	11.297,73	10.952,74	14.123,59
26.12.2019	00:30:00	10.838,69	10.488,97	13.752,14
26.12.2019	00:45:00	10.498,68	10.145,42	13.341,61
26.12.2019	01:00:00	10.295,64	9.944,33	12.979,00
26.12.2019	01:15:00	9.864,27	9.546,20	12.749,00
26.12.2019	01:30:00	9.631,02	9.384,32	12.554,80
26.12.2019	01:45:00	9.481,31	9.234,75	12.294,21
26.12.2019	02:00:00	9.359,10	9.111,69	12.302,80
26.12.2019	02:15:00	9.455,76	9.202,21	12.459,92
26.12.2019	02:30:00	9.713,74	9.453,38	12.652,88
26.12.2019	02:45:00	9.785,26	9.540,09	12.743,92
26.12.2019	03:00:00	9.871,84	9.629,14	12.839,72
26.12.2019	03:15:00	9.590,29	9.343,40	12.521,72
26.12.2019	03:30:00	9.462,44	9.215,60	12.357,38
26.12.2019	03:45:00	9.430,10	9.182,22	12.333,17
26.12.2019	04:00:00	9.363,82	9.041,03	12.160,69
26.12.2019	04:15:00	9.501,18	9.091,68	12.194,37
26.12.2019	04:30:00	9.482,89	9.072,63	12.257,30
26.12.2019	04:45:00	9.294,81	8.887,57	12.117,90
26.12.2019	05:00:00	9.273,63	8.881,13	12.055,75
26.12.2019	05:15:00	9.258,27	8.874,69	12.239,58
26.12.2019	05:30:00	8.969,43	8.619,02	11.916,58
26.12.2019	05:45:00	9.120,87	8.780,03	11.972,82
26.12.2019	06:00:00	9.038,94	8.680,99	12.011,64
26.12.2019	06:15:00	8.795,91	8.412,01	11.802,36
26.12.2019	06:30:00	8.588,93	8.195,24	11.459,81
26.12.2019	06:45:00	8.316,20	7.926,56	11.345,30
26.12.2019	07:00:00	8.265,29	7.886,37	11.314,22
26.12.2019	07:15:00	8.499,35	8.113,79	11.556,66
26.12.2019	07:30:00	8.682,16	8.298,16	11.910,18
26.12.2019	07:45:00	9.006,67	8.624,04	12.215,36

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
26.12.2019	08:00:00	9.148,12	8.765,35	12.335,89
26.12.2019	08:15:00	9.196,70	8.818,74	12.318,12
26.12.2019	08:30:00	9.207,62	8.796,22	12.445,38
26.12.2019	08:45:00	9.751,73	9.246,27	12.751,99
26.12.2019	09:00:00	10.164,03	9.445,26	12.926,29
26.12.2019	09:15:00	10.364,93	9.562,14	13.144,27
26.12.2019	09:30:00	10.565,95	9.762,45	13.291,92
26.12.2019	09:45:00	11.096,28	10.179,51	13.649,32
26.12.2019	10:00:00	11.336,75	10.413,21	13.923,96
26.12.2019	10:15:00	11.676,74	10.675,95	14.241,75
26.12.2019	10:30:00	11.948,20	10.859,17	14.333,76
26.12.2019	10:45:00	12.077,30	10.822,51	14.351,54
26.12.2019	11:00:00	12.166,01	10.956,75	14.530,66
26.12.2019	11:15:00	12.598,00	10.968,57	14.431,91
26.12.2019	11:30:00	12.849,48	11.093,88	14.587,23
26.12.2019	11:45:00	12.924,20	11.673,56	15.167,49
26.12.2019	12:00:00	12.793,28	11.449,16	14.863,98
26.12.2019	12:15:00	13.470,70	11.390,29	14.776,00
26.12.2019	12:30:00	14.956,78	11.433,90	14.915,65
26.12.2019	12:45:00	13.842,93	11.312,98	14.733,82
26.12.2019	13:00:00	13.266,20	10.743,29	14.229,25
26.12.2019	13:15:00	13.107,69	10.719,40	14.221,34
26.12.2019	13:30:00	13.628,72	11.724,60	15.229,59
26.12.2019	13:45:00	13.236,23	11.832,61	15.338,50
26.12.2019	14:00:00	12.866,15	11.804,94	15.372,84
26.12.2019	14:15:00	12.749,93	11.834,79	15.390,66
26.12.2019	14:30:00	12.702,92	11.913,78	15.307,10
26.12.2019	14:45:00	12.438,02	11.643,63	15.117,39
26.12.2019	15:00:00	12.127,12	11.454,93	14.953,10
26.12.2019	15:15:00	11.798,99	11.123,48	14.581,10
26.12.2019	15:30:00	11.461,93	10.915,87	14.445,78
26.12.2019	15:45:00	11.525,00	11.044,18	14.650,20
26.12.2019	16:00:00	11.567,02	11.159,78	14.738,56
26.12.2019	16:15:00	11.923,60	11.583,96	15.240,27
26.12.2019	16:30:00	12.085,80	11.773,55	15.472,60
26.12.2019	16:45:00	12.524,98	12.212,79	15.884,83
26.12.2019	17:00:00	13.145,97	12.831,82	16.519,05
26.12.2019	17:15:00	13.518,20	13.205,55	16.978,07
26.12.2019	17:30:00	13.390,66	13.087,34	16.741,21
26.12.2019	17:45:00	13.649,43	13.340,48	16.975,10
26.12.2019	18:00:00	13.807,04	13.500,49	17.140,44
26.12.2019	18:15:00	13.867,69	13.556,36	17.211,30
26.12.2019	18:30:00	13.665,65	13.304,43	16.800,75
26.12.2019	18:45:00	13.519,00	13.175,45	16.893,77
26.12.2019	19:00:00	13.382,75	13.078,28	16.850,33
26.12.2019	19:15:00	13.524,41	13.220,39	16.924,88
26.12.2019	19:30:00	13.594,14	13.289,06	17.071,40
26.12.2019	19:45:00	13.481,34	13.170,47	16.938,50
26.12.2019	20:00:00	13.234,63	12.903,84	16.562,42
26.12.2019	20:15:00	13.068,35	12.704,55	16.305,41
26.12.2019	20:30:00	13.117,68	12.771,31	16.438,09
26.12.2019	20:45:00	13.156,73	12.834,47	16.433,62
26.12.2019	21:00:00	12.943,38	12.618,69	16.203,26
26.12.2019	21:15:00	13.289,95	12.964,82	16.492,47
26.12.2019	21:30:00	14.165,63	13.845,36	17.426,09
26.12.2019	21:45:00	13.779,00	13.456,01	17.017,31
26.12.2019	22:00:00	13.537,59	13.193,75	16.840,08
26.12.2019	22:15:00	13.595,80	13.258,96	16.794,38
26.12.2019	22:30:00	13.617,41	13.401,91	16.774,62
26.12.2019	22:45:00	13.684,40	13.470,34	16.912,75
26.12.2019	23:00:00	13.589,09	13.373,87	16.792,08
26.12.2019	23:15:00	13.101,22	12.881,76	16.166,36
26.12.2019	23:30:00	12.624,80	12.432,49	15.760,04
26.12.2019	23:45:00	12.198,61	12.012,67	15.443,83
27.12.2019	00:00:00	11.730,21	11.497,42	14.724,70
27.12.2019	00:15:00	11.240,75	11.004,25	14.414,02
27.12.2019	00:30:00	10.996,87	10.758,79	14.254,82
27.12.2019	00:45:00	10.635,74	10.394,85	13.848,03
27.12.2019	01:00:00	10.265,24	10.021,69	13.574,39
27.12.2019	01:15:00	10.062,93	9.817,14	13.396,19
27.12.2019	01:30:00	9.977,28	9.731,43	13.237,02

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.12.2019	01:45:00	9.593,96	9.304,17	12.713,67
27.12.2019	02:00:00	9.434,87	9.072,60	12.418,85
27.12.2019	02:15:00	9.438,27	9.073,21	12.322,31
27.12.2019	02:30:00	9.436,68	9.075,65	12.288,82
27.12.2019	02:45:00	9.337,71	8.946,50	12.199,96
27.12.2019	03:00:00	9.346,70	8.936,53	12.341,97
27.12.2019	03:15:00	9.284,31	8.895,39	12.183,14
27.12.2019	03:30:00	9.259,46	8.878,70	12.386,30
27.12.2019	03:45:00	9.317,43	8.903,13	12.285,75
27.12.2019	04:00:00	9.370,12	8.956,62	12.173,17
27.12.2019	04:15:00	9.433,42	9.022,36	12.287,07
27.12.2019	04:30:00	9.437,42	9.024,02	12.321,56
27.12.2019	04:45:00	9.431,29	9.020,28	12.231,40
27.12.2019	05:00:00	9.439,59	9.043,67	12.438,89
27.12.2019	05:15:00	9.474,46	9.144,26	12.741,46
27.12.2019	05:30:00	9.186,68	8.843,55	12.409,98
27.12.2019	05:45:00	9.287,52	8.932,38	12.643,47
27.12.2019	06:00:00	9.336,45	8.978,53	12.780,40
27.12.2019	06:15:00	9.298,87	8.967,32	12.862,62
27.12.2019	06:30:00	9.059,50	8.761,61	12.649,54
27.12.2019	06:45:00	8.733,45	8.413,40	12.492,06
27.12.2019	07:00:00	8.852,02	8.527,79	12.692,10
27.12.2019	07:15:00	9.343,82	9.011,14	13.247,50
27.12.2019	07:30:00	9.521,55	9.181,19	13.590,88
27.12.2019	07:45:00	9.802,95	9.452,82	13.900,34
27.12.2019	08:00:00	10.145,75	9.819,57	14.360,55
27.12.2019	08:15:00	10.379,62	10.045,89	14.805,80
27.12.2019	08:30:00	10.499,67	10.168,83	15.049,28
27.12.2019	08:45:00	10.876,20	10.536,70	15.338,74
27.12.2019	09:00:00	11.362,47	10.975,00	15.861,54
27.12.2019	09:15:00	12.134,78	11.623,97	16.504,06
27.12.2019	09:30:00	12.193,48	11.402,35	16.188,78
27.12.2019	09:45:00	12.340,01	11.387,71	16.220,09
27.12.2019	10:00:00	12.601,92	11.895,15	16.789,82
27.12.2019	10:15:00	12.815,88	12.100,08	16.954,76
27.12.2019	10:30:00	12.891,84	12.285,45	17.211,24
27.12.2019	10:45:00	12.918,62	12.445,74	17.474,19
27.12.2019	11:00:00	13.114,62	12.646,36	17.650,05
27.12.2019	11:15:00	13.310,79	12.820,64	17.820,34
27.12.2019	11:30:00	13.487,30	12.977,25	17.973,39
27.12.2019	11:45:00	13.748,61	13.089,69	18.193,22
27.12.2019	12:00:00	13.433,05	12.372,01	17.250,09
27.12.2019	12:15:00	13.911,39	12.756,82	17.592,06
27.12.2019	12:30:00	14.258,39	13.027,25	17.759,41
27.12.2019	12:45:00	14.408,78	13.091,75	17.700,26
27.12.2019	13:00:00	14.191,74	13.470,77	18.235,42
27.12.2019	13:15:00	13.992,91	13.343,99	18.092,28
27.12.2019	13:30:00	13.834,55	13.196,74	17.699,61
27.12.2019	13:45:00	13.696,02	13.135,88	17.799,97
27.12.2019	14:00:00	13.635,16	13.131,27	17.923,26
27.12.2019	14:15:00	13.551,95	13.176,11	17.975,35
27.12.2019	14:30:00	13.529,31	13.087,39	17.853,08
27.12.2019	14:45:00	13.142,61	12.768,25	17.554,76
27.12.2019	15:00:00	13.114,18	12.755,60	17.387,51
27.12.2019	15:15:00	13.198,23	12.846,05	17.442,52
27.12.2019	15:30:00	13.196,51	12.831,62	17.535,61
27.12.2019	15:45:00	13.043,01	12.721,47	17.353,58
27.12.2019	16:00:00	13.097,42	12.824,33	17.324,63
27.12.2019	16:15:00	13.454,31	13.189,95	17.861,72
27.12.2019	16:30:00	13.594,58	13.318,40	17.930,73
27.12.2019	16:45:00	14.024,25	13.771,75	18.351,11
27.12.2019	17:00:00	14.655,13	14.405,33	19.145,37
27.12.2019	17:15:00	15.078,85	14.832,16	19.588,09
27.12.2019	17:30:00	15.307,17	15.062,77	19.714,42
27.12.2019	17:45:00	15.372,18	15.124,60	19.899,22
27.12.2019	18:00:00	15.424,72	15.142,87	19.887,80
27.12.2019	18:15:00	15.353,10	15.064,23	19.616,71
27.12.2019	18:30:00	15.166,90	14.905,40	19.440,29
27.12.2019	18:45:00	14.962,11	14.708,80	19.175,84
27.12.2019	19:00:00	14.743,48	14.515,28	18.850,22
27.12.2019	19:15:00	14.745,55	14.606,16	18.949,81

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
27.12.2019	19:30:00	14.806,83	14.651,72	18.981,32
27.12.2019	19:45:00	14.568,01	14.407,25	18.591,71
27.12.2019	20:00:00	14.357,13	14.187,42	18.396,64
27.12.2019	20:15:00	14.016,08	13.826,50	17.997,10
27.12.2019	20:30:00	13.774,62	13.573,62	17.558,82
27.12.2019	20:45:00	13.731,62	13.530,11	17.467,20
27.12.2019	21:00:00	13.522,42	13.315,33	17.335,02
27.12.2019	21:15:00	13.480,43	13.268,66	17.234,74
27.12.2019	21:30:00	14.492,22	14.292,55	18.081,69
27.12.2019	21:45:00	14.141,18	13.941,68	17.944,36
27.12.2019	22:00:00	13.996,05	13.781,67	17.856,92
27.12.2019	22:15:00	13.927,54	13.611,26	17.540,59
27.12.2019	22:30:00	14.151,83	13.832,41	17.691,32
27.12.2019	22:45:00	14.655,73	14.340,83	18.033,57
27.12.2019	23:00:00	14.794,34	14.481,79	18.029,69
27.12.2019	23:15:00	14.292,18	13.971,42	17.563,74
27.12.2019	23:30:00	13.938,52	13.601,18	17.265,23
27.12.2019	23:45:00	13.373,08	13.035,03	16.561,34
28.12.2019	00:00:00	12.805,52	12.469,10	15.959,82
28.12.2019	00:15:00	12.097,03	11.753,19	15.258,53
28.12.2019	00:30:00	11.499,52	11.152,11	14.484,54
28.12.2019	00:45:00	11.056,94	10.708,49	14.039,46
28.12.2019	01:00:00	10.728,57	10.377,70	13.753,24
28.12.2019	01:15:00	10.312,71	9.938,15	13.321,01
28.12.2019	01:30:00	10.105,93	9.749,37	13.102,89
28.12.2019	01:45:00	9.928,50	9.571,71	13.064,11
28.12.2019	02:00:00	9.844,64	9.486,37	12.831,51
28.12.2019	02:15:00	9.721,28	9.362,29	12.589,84
28.12.2019	02:30:00	9.795,27	9.436,97	12.712,36
28.12.2019	02:45:00	9.870,05	9.511,07	12.833,47
28.12.2019	03:00:00	10.002,79	9.605,64	12.755,57
28.12.2019	03:15:00	9.824,52	9.422,17	12.647,47
28.12.2019	03:30:00	9.831,53	9.432,51	12.708,95
28.12.2019	03:45:00	10.014,67	9.612,73	12.728,49
28.12.2019	04:00:00	10.183,89	9.784,11	12.915,70
28.12.2019	04:15:00	10.310,17	9.984,28	13.244,99
28.12.2019	04:30:00	10.398,74	10.156,95	13.444,49
28.12.2019	04:45:00	10.379,31	10.135,96	13.448,32
28.12.2019	05:00:00	10.401,20	10.166,48	13.658,11
28.12.2019	05:15:00	10.177,70	9.955,13	13.438,06
28.12.2019	05:30:00	9.647,31	9.433,80	12.843,60
28.12.2019	05:45:00	9.690,40	9.501,59	12.911,33
28.12.2019	06:00:00	9.740,95	9.548,62	13.042,27
28.12.2019	06:15:00	9.780,83	9.592,08	13.212,11
28.12.2019	06:30:00	9.603,94	9.423,07	13.143,34
28.12.2019	06:45:00	9.289,37	9.114,82	12.880,27
28.12.2019	07:00:00	9.253,60	8.964,71	12.708,68
28.12.2019	07:15:00	9.450,56	9.147,20	13.061,04
28.12.2019	07:30:00	9.782,17	9.470,00	13.553,96
28.12.2019	07:45:00	10.065,68	9.762,93	13.886,67
28.12.2019	08:00:00	10.330,14	10.028,66	14.164,08
28.12.2019	08:15:00	10.260,83	9.963,60	14.169,35
28.12.2019	08:30:00	10.371,02	10.072,53	14.142,50
28.12.2019	08:45:00	10.713,11	10.364,23	14.534,02
28.12.2019	09:00:00	11.113,64	10.691,76	14.903,86
28.12.2019	09:15:00	11.376,72	10.863,94	15.046,27
28.12.2019	09:30:00	11.522,15	10.932,09	15.050,49
28.12.2019	09:45:00	11.770,17	11.036,66	15.339,56
28.12.2019	10:00:00	12.176,59	11.176,09	15.371,82
28.12.2019	10:15:00	12.322,61	10.549,00	14.774,47
28.12.2019	10:30:00	12.404,78	10.165,50	14.410,04
28.12.2019	10:45:00	12.560,29	9.980,80	14.193,81
28.12.2019	11:00:00	12.658,04	9.756,66	13.809,11
28.12.2019	11:15:00	12.762,94	9.575,85	13.724,03
28.12.2019	11:30:00	12.895,56	9.436,45	13.538,54
28.12.2019	11:45:00	13.245,43	9.973,16	13.976,76
28.12.2019	12:00:00	12.738,40	10.420,58	14.521,82
28.12.2019	12:15:00	13.765,67	10.981,54	15.167,47
28.12.2019	12:30:00	15.120,70	11.802,78	15.975,94
28.12.2019	12:45:00	13.895,20	11.411,63	15.611,34
28.12.2019	13:00:00	14.815,74	11.070,97	15.212,91

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
28.12.2019	13:15:00	14.705,21	10.900,41	14.947,33
28.12.2019	13:30:00	15.160,08	11.670,77	15.731,40
28.12.2019	13:45:00	14.601,56	11.479,89	15.576,07
28.12.2019	14:00:00	14.382,15	12.133,79	16.162,91
28.12.2019	14:15:00	13.679,11	12.083,13	16.119,28
28.12.2019	14:30:00	13.083,97	11.950,72	15.979,71
28.12.2019	14:45:00	12.887,14	11.811,90	15.862,39
28.12.2019	15:00:00	12.598,85	11.590,62	15.564,32
28.12.2019	15:15:00	12.229,65	11.263,68	15.392,85
28.12.2019	15:30:00	12.228,03	11.396,55	15.447,00
28.12.2019	15:45:00	12.380,08	11.651,75	15.672,09
28.12.2019	16:00:00	12.582,21	11.990,41	16.161,47
28.12.2019	16:15:00	12.541,34	12.082,65	16.280,20
28.12.2019	16:30:00	12.888,25	12.528,84	16.657,30
28.12.2019	16:45:00	13.459,20	13.147,06	17.336,25
28.12.2019	17:00:00	14.338,16	14.040,95	18.304,39
28.12.2019	17:15:00	14.798,22	14.507,31	18.740,01
28.12.2019	17:30:00	15.008,56	14.745,74	18.976,04
28.12.2019	17:45:00	15.254,91	14.981,10	19.258,70
28.12.2019	18:00:00	15.206,47	14.868,96	19.135,71
28.12.2019	18:15:00	15.110,02	14.777,47	18.966,53
28.12.2019	18:30:00	14.883,54	14.569,56	18.795,96
28.12.2019	18:45:00	14.756,32	14.462,25	18.622,46
28.12.2019	19:00:00	14.732,00	14.436,63	18.567,28
28.12.2019	19:15:00	14.824,64	14.533,43	18.678,59
28.12.2019	19:30:00	14.854,01	14.559,25	18.758,20
28.12.2019	19:45:00	14.592,19	14.250,33	18.261,18
28.12.2019	20:00:00	14.494,23	14.159,99	18.211,02
28.12.2019	20:15:00	14.317,66	14.076,77	18.043,86
28.12.2019	20:30:00	14.089,18	13.855,28	17.572,90
28.12.2019	20:45:00	14.160,67	13.924,60	17.759,36
28.12.2019	21:00:00	13.835,25	13.606,20	17.556,95
28.12.2019	21:15:00	13.842,91	13.649,38	17.436,74
28.12.2019	21:30:00	14.987,78	14.773,41	18.701,25
28.12.2019	21:45:00	14.639,25	14.417,62	18.237,58
28.12.2019	22:00:00	14.351,98	14.156,97	17.920,55
28.12.2019	22:15:00	14.546,96	14.354,05	18.029,15
28.12.2019	22:30:00	14.823,47	14.636,67	18.325,65
28.12.2019	22:45:00	15.250,90	15.060,31	18.610,95
28.12.2019	23:00:00	15.373,84	15.070,56	18.551,90
28.12.2019	23:15:00	15.055,81	14.734,78	18.290,90
28.12.2019	23:30:00	14.604,16	14.242,49	17.796,65
28.12.2019	23:45:00	14.166,01	13.807,09	17.218,73
29.12.2019	00:00:00	13.724,62	13.355,86	16.775,89
29.12.2019	00:15:00	13.378,33	13.053,13	16.454,25
29.12.2019	00:30:00	13.251,60	12.924,87	16.217,48
29.12.2019	00:45:00	12.869,21	12.539,40	15.967,68
29.12.2019	01:00:00	12.578,35	12.250,39	15.595,83
29.12.2019	01:15:00	12.384,29	12.012,11	15.229,93
29.12.2019	01:30:00	12.210,87	11.871,78	15.217,72
29.12.2019	01:45:00	11.833,39	11.497,94	14.840,74
29.12.2019	02:00:00	11.612,00	11.275,24	14.430,08
29.12.2019	02:15:00	11.659,59	11.324,69	14.598,40
29.12.2019	02:30:00	11.643,14	11.307,37	14.651,96
29.12.2019	02:45:00	11.396,06	11.056,60	14.371,22
29.12.2019	03:00:00	11.304,18	10.941,99	14.330,02
29.12.2019	03:15:00	11.194,64	10.803,64	14.193,58
29.12.2019	03:30:00	11.002,93	10.648,08	13.963,25
29.12.2019	03:45:00	11.048,11	10.705,97	13.924,77
29.12.2019	04:00:00	11.038,71	10.695,83	13.939,60
29.12.2019	04:15:00	10.999,80	10.661,80	13.868,01
29.12.2019	04:30:00	10.903,89	10.560,86	13.713,89
29.12.2019	04:45:00	10.699,50	10.354,36	13.603,10
29.12.2019	05:00:00	10.582,23	10.194,52	13.515,45
29.12.2019	05:15:00	10.450,12	10.052,50	13.350,67
29.12.2019	05:30:00	9.904,85	9.552,65	12.919,17
29.12.2019	05:45:00	9.981,07	9.631,83	12.985,70
29.12.2019	06:00:00	10.014,60	9.678,08	12.976,84
29.12.2019	06:15:00	9.540,40	9.197,42	12.613,56
29.12.2019	06:30:00	9.336,82	8.988,83	12.425,91
29.12.2019	06:45:00	9.030,36	8.678,52	12.011,40

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
29.12.2019	07:00:00	8.878,52	8.499,43	11.899,86
29.12.2019	07:15:00	9.217,98	8.841,54	12.283,97
29.12.2019	07:30:00	9.375,00	8.999,95	12.517,53
29.12.2019	07:45:00	9.652,31	9.313,89	12.858,78
29.12.2019	08:00:00	9.749,31	9.425,92	12.969,36
29.12.2019	08:15:00	9.764,37	9.437,56	12.846,86
29.12.2019	08:30:00	9.822,58	9.455,72	12.806,22
29.12.2019	08:45:00	10.137,69	9.646,72	13.120,12
29.12.2019	09:00:00	10.315,96	9.661,98	13.152,48
29.12.2019	09:15:00	10.567,90	9.813,95	13.141,12
29.12.2019	09:30:00	10.810,34	10.060,29	13.485,48
29.12.2019	09:45:00	10.852,48	9.782,77	13.171,62
29.12.2019	10:00:00	10.947,28	9.483,54	12.835,09
29.12.2019	10:15:00	11.322,50	9.606,92	13.059,31
29.12.2019	10:30:00	11.684,11	9.516,57	12.967,63
29.12.2019	10:45:00	12.127,59	9.500,47	12.834,96
29.12.2019	11:00:00	12.546,95	9.825,65	13.218,55
29.12.2019	11:15:00	12.742,06	9.626,63	13.029,42
29.12.2019	11:30:00	12.963,49	9.530,56	12.822,20
29.12.2019	11:45:00	13.395,72	9.715,91	13.010,74
29.12.2019	12:00:00	13.494,84	9.653,84	13.064,18
29.12.2019	12:15:00	13.557,87	9.576,68	12.973,52
29.12.2019	12:30:00	14.012,02	9.966,15	13.183,64
29.12.2019	12:45:00	13.881,49	9.740,00	12.887,21
29.12.2019	13:00:00	13.616,54	9.456,47	12.612,00
29.12.2019	13:15:00	13.644,48	9.541,49	12.806,37
29.12.2019	13:30:00	14.096,71	10.467,68	13.725,84
29.12.2019	13:45:00	13.174,50	10.047,99	13.278,43
29.12.2019	14:00:00	12.555,49	10.118,39	13.340,76
29.12.2019	14:15:00	11.784,74	10.108,34	13.425,87
29.12.2019	14:30:00	11.317,00	10.109,58	13.430,34
29.12.2019	14:45:00	11.237,05	10.074,48	13.345,22
29.12.2019	15:00:00	11.499,76	10.448,92	13.662,90
29.12.2019	15:15:00	11.323,09	10.389,36	13.694,25
29.12.2019	15:30:00	11.440,95	10.575,18	13.860,70
29.12.2019	15:45:00	11.489,42	10.706,15	13.918,48
29.12.2019	16:00:00	11.680,08	10.992,91	14.319,90
29.12.2019	16:15:00	11.779,91	11.244,18	14.651,02
29.12.2019	16:30:00	12.137,96	11.757,32	15.152,12
29.12.2019	16:45:00	12.667,37	12.294,09	15.742,84
29.12.2019	17:00:00	13.303,30	12.956,81	16.525,04
29.12.2019	17:15:00	14.188,83	13.889,05	17.515,32
29.12.2019	17:30:00	14.426,12	14.132,13	17.776,79
29.12.2019	17:45:00	14.682,43	14.391,58	17.972,00
29.12.2019	18:00:00	14.817,84	14.526,27	18.023,96
29.12.2019	18:15:00	14.954,79	14.755,69	18.384,70
29.12.2019	18:30:00	14.860,89	14.679,69	18.229,22
29.12.2019	18:45:00	14.756,72	14.541,25	18.098,45
29.12.2019	19:00:00	14.576,95	14.349,93	18.004,89
29.12.2019	19:15:00	14.645,86	14.410,75	18.014,65
29.12.2019	19:30:00	14.700,54	14.510,54	18.145,99
29.12.2019	19:45:00	14.597,63	14.417,15	17.974,64
29.12.2019	20:00:00	14.466,99	14.285,70	17.867,81
29.12.2019	20:15:00	14.250,97	14.069,67	17.578,29
29.12.2019	20:30:00	14.399,08	14.124,09	17.600,70
29.12.2019	20:45:00	14.332,49	14.004,41	17.480,86
29.12.2019	21:00:00	14.077,70	13.716,66	17.272,59
29.12.2019	21:15:00	14.075,14	13.738,25	17.187,82
29.12.2019	21:30:00	15.071,98	14.768,41	18.278,96
29.12.2019	21:45:00	14.719,06	14.412,48	17.962,58
29.12.2019	22:00:00	14.496,16	14.190,63	17.729,60
29.12.2019	22:15:00	14.598,72	14.291,45	17.847,83
29.12.2019	22:30:00	14.669,44	14.358,08	17.888,64
29.12.2019	22:45:00	15.044,08	14.730,28	18.234,77
29.12.2019	23:00:00	15.444,61	15.089,31	18.577,74
29.12.2019	23:15:00	14.930,06	14.570,48	17.957,64
29.12.2019	23:30:00	14.563,51	14.200,08	17.588,79
29.12.2019	23:45:00	14.080,65	13.716,40	17.082,86
30.12.2019	00:00:00	13.665,29	13.294,77	16.613,12
30.12.2019	00:15:00	13.283,79	12.911,30	16.316,60
30.12.2019	00:30:00	12.966,19	12.594,39	16.187,17

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
30.12.2019	00:45:00	12.652,03	12.272,52	15.820,87
30.12.2019	01:00:00	12.311,09	11.928,26	15.590,90
30.12.2019	01:15:00	12.263,22	11.888,87	15.440,80
30.12.2019	01:30:00	11.991,36	11.605,72	15.164,13
30.12.2019	01:45:00	11.886,81	11.502,45	14.887,83
30.12.2019	02:00:00	11.505,60	11.120,06	14.480,93
30.12.2019	02:15:00	11.537,61	11.150,28	14.434,92
30.12.2019	02:30:00	11.444,05	11.054,08	14.453,16
30.12.2019	02:45:00	11.227,81	10.837,34	14.278,15
30.12.2019	03:00:00	11.211,44	10.821,69	14.363,55
30.12.2019	03:15:00	10.982,85	10.591,64	14.080,80
30.12.2019	03:30:00	10.999,53	10.607,80	14.123,54
30.12.2019	03:45:00	11.147,83	10.755,13	14.204,22
30.12.2019	04:00:00	11.079,27	10.686,47	14.156,80
30.12.2019	04:15:00	11.047,07	10.655,92	14.030,31
30.12.2019	04:30:00	11.087,51	10.699,19	14.101,60
30.12.2019	04:45:00	10.968,15	10.581,84	13.981,76
30.12.2019	05:00:00	11.031,15	10.652,28	14.173,01
30.12.2019	05:15:00	11.026,36	10.669,31	14.370,87
30.12.2019	05:30:00	10.348,41	10.012,41	13.752,82
30.12.2019	05:45:00	10.604,05	10.270,30	13.970,88
30.12.2019	06:00:00	10.616,05	10.278,83	14.147,94
30.12.2019	06:15:00	10.475,50	10.159,19	14.180,24
30.12.2019	06:30:00	10.249,57	9.939,08	13.847,06
30.12.2019	06:45:00	9.853,79	9.546,52	13.503,00
30.12.2019	07:00:00	9.758,51	9.455,19	13.540,95
30.12.2019	07:15:00	10.313,54	10.013,52	14.320,36
30.12.2019	07:30:00	10.494,62	10.183,18	14.622,60
30.12.2019	07:45:00	10.551,23	10.285,97	14.902,24
30.12.2019	08:00:00	10.802,80	10.566,24	15.362,44
30.12.2019	08:15:00	10.830,65	10.570,60	15.479,92
30.12.2019	08:30:00	11.151,87	10.865,36	15.824,75
30.12.2019	08:45:00	11.412,05	11.080,55	16.045,98
30.12.2019	09:00:00	11.582,17	11.098,83	15.924,12
30.12.2019	09:15:00	12.299,00	11.622,63	16.465,89
30.12.2019	09:30:00	12.301,42	11.394,46	16.300,85
30.12.2019	09:45:00	12.504,83	11.302,37	16.119,78
30.12.2019	10:00:00	12.591,08	11.082,15	15.895,95
30.12.2019	10:15:00	12.926,62	10.954,06	15.704,27
30.12.2019	10:30:00	12.890,33	10.564,65	15.348,42
30.12.2019	10:45:00	12.703,71	10.219,42	14.932,31
30.12.2019	11:00:00	12.645,33	9.843,72	14.578,37
30.12.2019	11:15:00	12.888,33	9.798,80	14.566,06
30.12.2019	11:30:00	13.198,12	9.877,04	14.718,58
30.12.2019	11:45:00	13.412,44	9.933,34	14.703,66
30.12.2019	12:00:00	13.535,80	9.833,52	14.499,96
30.12.2019	12:15:00	13.890,69	10.098,16	14.696,59
30.12.2019	12:30:00	14.446,57	10.526,66	15.047,86
30.12.2019	12:45:00	14.361,89	10.422,85	14.943,07
30.12.2019	13:00:00	14.235,15	10.297,16	14.810,18
30.12.2019	13:15:00	14.118,74	10.227,65	14.778,05
30.12.2019	13:30:00	13.792,06	10.192,05	14.704,48
30.12.2019	13:45:00	13.202,70	10.163,69	14.603,87
30.12.2019	14:00:00	12.586,55	10.231,13	14.730,00
30.12.2019	14:15:00	11.736,00	10.105,94	14.608,64
30.12.2019	14:30:00	11.229,32	10.074,99	14.579,88
30.12.2019	14:45:00	11.452,52	10.423,89	14.929,93
30.12.2019	15:00:00	11.358,94	10.406,70	14.880,56
30.12.2019	15:15:00	11.603,31	10.748,63	15.291,90
30.12.2019	15:30:00	11.798,84	10.963,53	15.481,52
30.12.2019	15:45:00	12.021,89	11.264,62	15.603,40
30.12.2019	16:00:00	12.109,58	11.463,73	15.772,57
30.12.2019	16:15:00	12.394,30	11.875,07	16.192,66
30.12.2019	16:30:00	12.922,73	12.552,00	16.923,35
30.12.2019	16:45:00	13.335,17	13.014,09	17.472,90
30.12.2019	17:00:00	13.984,64	13.734,81	18.262,75
30.12.2019	17:15:00	15.165,39	14.925,04	19.537,83
30.12.2019	17:30:00	15.361,41	15.121,43	19.797,88
30.12.2019	17:45:00	15.660,56	15.385,73	20.003,32
30.12.2019	18:00:00	15.824,96	15.552,12	20.140,20
30.12.2019	18:15:00	15.686,02	15.443,51	19.938,97

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30.12.2019	18:30:00	15.648,63	15.404,80	20.015,94
30.12.2019	18:45:00	15.627,06	15.381,93	19.860,68
30.12.2019	19:00:00	15.449,80	15.199,20	19.548,79
30.12.2019	19:15:00	15.361,74	15.090,80	19.314,11
30.12.2019	19:30:00	15.548,80	15.233,00	19.466,71
30.12.2019	19:45:00	15.330,84	15.025,84	19.140,96
30.12.2019	20:00:00	15.101,17	14.825,70	18.931,53
30.12.2019	20:15:00	14.793,49	14.508,55	18.439,22
30.12.2019	20:30:00	14.897,33	14.599,08	18.496,13
30.12.2019	20:45:00	15.049,85	14.745,46	18.639,23
30.12.2019	21:00:00	14.769,45	14.461,70	18.396,65
30.12.2019	21:15:00	14.776,97	14.419,37	18.301,73
30.12.2019	21:30:00	15.901,20	15.570,12	19.411,12
30.12.2019	21:45:00	15.553,67	15.247,76	19.090,76
30.12.2019	22:00:00	15.169,15	14.857,05	18.583,46
30.12.2019	22:15:00	15.114,93	14.803,65	18.497,25
30.12.2019	22:30:00	15.039,50	14.725,85	18.429,73
30.12.2019	22:45:00	15.406,14	15.098,83	18.675,87
30.12.2019	23:00:00	15.715,55	15.378,10	18.840,10
30.12.2019	23:15:00	15.115,91	14.801,66	18.251,02
30.12.2019	23:30:00	14.688,62	14.368,16	17.836,95
30.12.2019	23:45:00	14.169,32	13.845,43	17.318,58
31.12.2019	00:00:00	13.838,80	13.512,95	16.972,23
31.12.2019	00:15:00	13.342,27	13.013,78	16.421,64
31.12.2019	00:30:00	12.991,97	12.659,88	16.044,07
31.12.2019	00:45:00	12.665,42	12.286,20	15.675,35
31.12.2019	01:00:00	12.199,60	11.818,64	15.130,42
31.12.2019	01:15:00	11.816,86	11.432,90	14.806,59
31.12.2019	01:30:00	11.663,13	11.278,77	14.624,20
31.12.2019	01:45:00	11.442,32	11.067,78	14.193,09
31.12.2019	02:00:00	11.293,97	10.947,20	14.113,56
31.12.2019	02:15:00	11.283,82	10.936,82	14.137,26
31.12.2019	02:30:00	11.199,72	10.817,14	14.083,24
31.12.2019	02:45:00	11.172,04	10.774,38	14.021,54
31.12.2019	03:00:00	10.946,22	10.548,92	13.811,93
31.12.2019	03:15:00	10.846,75	10.447,49	13.639,07
31.12.2019	03:30:00	10.798,73	10.397,40	13.532,36
31.12.2019	03:45:00	10.864,16	10.464,04	13.603,05
31.12.2019	04:00:00	10.866,61	10.469,44	13.605,50
31.12.2019	04:15:00	10.876,09	10.476,62	13.598,06
31.12.2019	04:30:00	10.747,73	10.344,87	13.499,58
31.12.2019	04:45:00	10.661,65	10.263,58	13.445,01
31.12.2019	05:00:00	10.715,26	10.326,51	13.611,20
31.12.2019	05:15:00	10.592,68	10.234,15	13.706,58
31.12.2019	05:30:00	10.104,62	9.762,51	13.177,20
31.12.2019	05:45:00	10.358,04	10.021,41	13.566,44
31.12.2019	06:00:00	10.321,37	9.976,47	13.588,17
31.12.2019	06:15:00	10.060,93	9.720,95	13.349,43
31.12.2019	06:30:00	9.663,48	9.332,42	12.863,39
31.12.2019	06:45:00	9.265,91	8.934,45	12.533,24
31.12.2019	07:00:00	9.178,88	8.843,76	12.646,52
31.12.2019	07:15:00	9.431,20	9.083,33	13.004,66
31.12.2019	07:30:00	9.644,36	9.296,89	13.307,09
31.12.2019	07:45:00	9.638,80	9.293,50	13.367,98
31.12.2019	08:00:00	9.797,32	9.451,29	13.577,06
31.12.2019	08:15:00	9.936,87	9.591,86	13.723,75
31.12.2019	08:30:00	10.346,58	9.979,07	14.027,81
31.12.2019	08:45:00	10.642,44	10.186,56	14.240,83
31.12.2019	09:00:00	10.879,18	10.208,41	14.204,30
31.12.2019	09:15:00	11.603,04	10.664,89	14.626,51
31.12.2019	09:30:00	11.936,22	10.685,90	14.676,22
31.12.2019	09:45:00	12.197,04	10.495,97	14.493,47
31.12.2019	10:00:00	12.672,55	10.823,57	14.829,49
31.12.2019	10:15:00	12.907,73	10.756,52	14.727,82
31.12.2019	10:30:00	12.965,38	11.026,35	15.133,78
31.12.2019	10:45:00	12.634,99	10.056,13	14.060,46
31.12.2019	11:00:00	12.529,12	9.169,75	13.039,78
31.12.2019	11:15:00	12.654,68	9.177,41	13.073,17
31.12.2019	11:30:00	13.008,96	10.213,18	14.113,34
31.12.2019	11:45:00	13.462,79	10.617,17	14.500,58
31.12.2019	12:00:00	13.599,32	10.176,10	13.990,52

Datum	Zeit	Niederspannung	MS-NS Umspannung	Mittelspannung
31.12.2019	12:15:00	13.874,77	10.567,62	14.369,71
31.12.2019	12:30:00	14.531,07	11.447,54	15.223,93
31.12.2019	12:45:00	14.269,88	11.195,90	14.923,40
31.12.2019	13:00:00	14.168,03	11.731,00	15.598,87
31.12.2019	13:15:00	14.127,40	11.674,27	15.540,76
31.12.2019	13:30:00	13.851,06	11.488,80	15.378,71
31.12.2019	13:45:00	13.500,32	10.450,10	14.225,39
31.12.2019	14:00:00	12.861,80	10.273,15	14.000,87
31.12.2019	14:15:00	11.936,09	9.975,26	13.676,23
31.12.2019	14:30:00	11.423,55	9.980,95	13.601,91
31.12.2019	14:45:00	11.358,13	9.963,18	13.557,91
31.12.2019	15:00:00	11.566,99	10.175,30	13.792,20
31.12.2019	15:15:00	11.881,74	10.703,47	14.287,84
31.12.2019	15:30:00	11.959,88	10.960,27	14.604,60
31.12.2019	15:45:00	12.313,14	11.463,33	15.185,24
31.12.2019	16:00:00	12.597,45	11.943,97	15.707,16
31.12.2019	16:15:00	12.884,57	12.317,56	16.103,34
31.12.2019	16:30:00	13.289,39	12.761,76	16.581,77
31.12.2019	16:45:00	13.680,65	13.159,79	16.966,84
31.12.2019	17:00:00	14.055,04	13.557,69	17.423,79
31.12.2019	17:15:00	15.041,38	14.542,29	18.316,44
31.12.2019	17:30:00	15.618,17	15.147,88	18.890,09
31.12.2019	17:45:00	15.994,01	15.551,49	19.182,32
31.12.2019	18:00:00	16.074,93	15.625,20	19.177,66
31.12.2019	18:15:00	15.912,94	15.419,90	19.006,64
31.12.2019	18:30:00	15.805,27	15.321,03	18.939,09
31.12.2019	18:45:00	15.622,75	15.184,07	18.747,41
31.12.2019	19:00:00	15.448,07	15.000,30	18.501,25
31.12.2019	19:15:00	15.313,43	14.864,68	18.407,20
31.12.2019	19:30:00	15.159,34	14.700,66	18.178,08
31.12.2019	19:45:00	14.866,38	14.360,50	17.792,00
31.12.2019	20:00:00	14.506,28	13.999,72	17.447,22
31.12.2019	20:15:00	14.180,09	13.659,95	17.211,91
31.12.2019	20:30:00	14.050,39	13.520,17	17.037,61
31.12.2019	20:45:00	13.898,60	13.367,04	16.856,28
31.12.2019	21:00:00	13.640,28	13.149,04	16.481,16
31.12.2019	21:15:00	13.547,32	13.059,05	16.353,75
31.12.2019	21:30:00	14.817,42	14.336,18	17.713,90
31.12.2019	21:45:00	14.520,68	14.038,36	17.411,49
31.12.2019	22:00:00	14.214,78	13.729,06	17.038,57
31.12.2019	22:15:00	14.408,99	13.925,52	17.266,11
31.12.2019	22:30:00	14.655,28	14.173,81	17.513,91
31.12.2019	22:45:00	15.199,78	14.720,55	18.098,52
31.12.2019	23:00:00	15.515,03	15.034,19	18.398,24
31.12.2019	23:15:00	15.274,38	14.790,51	18.094,02
31.12.2019	23:30:00	14.857,95	14.371,81	17.626,82
31.12.2019	23:45:00	14.531,76	14.045,92	17.272,12
01.01.2020	00:00:00	14.069,47	13.580,04	16.763,58