

Energy Deviation Account Statement for the period 20/01/2020 to 26/01/2020

PSSName	Date	Block No	Avc (kWh)	Schedule (kWh)	Actual (kWh)	Deviation (kWh)	% Deviation(% Absolute error)	Deviation Charges PSS (Rs.)	Periphery Rate (Rs.)	Deviation charges Periphery (Rs.)
Katol 132kV	20/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-2.732	0.000000
Katol 132kV	20/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-0.781	0.000000
Katol 132kV	20/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.842	0.000000
Katol 132kV	20/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-3.927	0.000000
Katol 132kV	20/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Katol 132kV	20/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-3.927	0.000000
Katol 132kV	20/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Katol 132kV	20/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Katol 132kV	20/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Katol 132kV	20/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Katol 132kV	20/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Katol 132kV	20/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Katol 132kV	20/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Katol 132kV	20/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Katol 132kV	20/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Katol 132kV	20/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Katol 132kV	20/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-5.180	0.000000
Katol 132kV	20/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-6.120	0.000000

Katol 132kV	20/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	-5.807	0.000000
Katol 132kV	20/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	5.807	0.000000
Katol 132kV	20/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-6.433	0.000000
Katol 132kV	20/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	6.433	0.000000
Katol 132kV	20/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	3.927	0.000000
Katol 132kV	20/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	4.867	0.000000
Katol 132kV	20/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Katol 132kV	20/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-2.706	0.000000
Katol 132kV	20/01/2020 06:30:00	27	11000.0	27.5	0.15	-27.35	0.25	0.00	-6.120	0.000000
Katol 132kV	20/01/2020 06:45:00	28	11000.0	195.0	46.35	-148.65	1.35	0.00	-6.120	0.000000
Katol 132kV	20/01/2020 07:00:00	29	11000.0	490.0	207.55	-282.45	2.57	0.00	-3.927	0.000000
Katol 132kV	20/01/2020 07:15:00	30	11000.0	875.0	526.3	-348.7	3.17	0.00	4.867	0.000000
Katol 132kV	20/01/2020 07:30:00	31	11000.0	1282.5	965.6	-316.9	2.88	0.00	3.927	0.000000
Katol 132kV	20/01/2020 07:45:00	32	11000.0	1952.5	1355.65	-596.85	5.43	0.00	2.987	0.000000
Katol 132kV	20/01/2020 08:00:00	33	11000.0	3000.0	1658.9	-1341.1	12.19	0.00	1.195	0.000000
Katol 132kV	20/01/2020 08:15:00	34	11000.0	3750.0	1630.6	-2119.4	19.27	234.70	2.389	0.000000
Katol 132kV	20/01/2020 08:30:00	35	11000.0	4447.5	1866.95	-2580.55	23.46	465.28	3.300	0.000000
Katol 132kV	20/01/2020 08:45:00	36	11000.0	5115.0	2467.15	-2647.85	24.07	498.93	0.597	0.000000
Katol 132kV	20/01/2020 09:00:00	37	11000.0	5635.0	2957.6	-2677.4	24.34	513.70	-2.389	0.000000
Katol 132kV	20/01/2020 09:15:00	38	11000.0	5867.5	3020.95	-2846.55	25.88	646.55	-4.240	0.000000
Katol 132kV	20/01/2020 09:30:00	39	11000.0	4680.0	4045.4	-634.6	5.77	0.00	-4.240	0.000000

Katol 132kV	20/01/2020 09:45:00	40	11000.0	5039.12	4528.8	-510.32	4.64	0.00	-0.597	0.000000
Katol 132kV	20/01/2020 10:00:00	41	11000.0	5323.5	4588.55	-734.95	6.68	0.00	-1.792	0.000000
Katol 132kV	20/01/2020 10:15:00	42	11000.0	5593.25	6360.25	767.0	6.97	0.00	1.792	0.000000
Katol 132kV	20/01/2020 10:30:00	43	11000.0	3858.48	7864.15	4005.67	36.42	1883.51	-2.987	-13.910030
Katol 132kV	20/01/2020 10:45:00	44	11000.0	3955.66	8134.4	4178.74	37.99	2143.11	1.195	0.000000
Katol 132kV	20/01/2020 11:00:00	45	11000.0	4007.41	8044.85	4037.44	36.7	1931.16	-0.597	-113.079500
Katol 132kV	20/01/2020 11:15:00	46	11000.0	8826.75	6526.7	-2300.05	20.91	325.03	-2.389	0.000000
Katol 132kV	20/01/2020 11:30:00	47	11000.0	8889.75	6134.95	-2754.8	25.04	554.80	-0.597	0.000000
Katol 132kV	20/01/2020 11:45:00	48	11000.0	8910.0	4682.15	-4227.85	38.44	2216.78	0.000	0.000000
Katol 132kV	20/01/2020 12:00:00	49	11000.0	8923.5	4496.25	-4427.25	40.25	2515.88	0.000	0.000000
Katol 132kV	20/01/2020 12:15:00	50	11000.0	8894.25	5312.0	-3582.25	32.57	1382.25	2.987	0.000000
Katol 132kV	20/01/2020 12:30:00	51	11000.0	8871.75	5302.85	-3568.9	32.44	1368.90	-3.300	0.000000
Katol 132kV	20/01/2020 12:45:00	52	11000.0	6986.79	5700.7	-1286.09	11.69	0.00	-2.389	0.000000
Katol 132kV	20/01/2020 13:00:00	53	11000.0	7152.09	5849.6	-1302.49	11.84	0.00	0.000	0.000000
Katol 132kV	20/01/2020 13:15:00	54	11000.0	7017.05	4499.2	-2517.85	22.89	433.93	0.000	0.000000
Katol 132kV	20/01/2020 13:30:00	55	11000.0	6910.94	3541.2	-3369.74	30.63	1169.74	2.389	0.000000
Katol 132kV	20/01/2020 13:45:00	56	11000.0	6666.88	3668.7	-2998.18	27.26	798.18	1.195	0.000000
Katol 132kV	20/01/2020 14:00:00	57	11000.0	6410.28	4888.7	-1521.58	13.83	0.00	1.792	0.000000
Katol 132kV	20/01/2020 14:15:00	58	11000.0	4187.83	7222.75	3034.92	27.59	834.92	4.240	0.000000
Katol 132kV	20/01/2020 14:30:00	59	11000.0	4038.48	6617.6	2579.12	23.45	464.56	3.613	0.000000
Katol 132kV	20/01/2020 14:45:00	60	11000.0	3777.06	5072.85	1295.79	11.78	0.00	2.987	0.000000

Katol 132kV	20/01/2020 15:00:00	61	11000.0	3502.23	5392.7	1890.47	17.19	120.24	-4.240	-1027.335577
Katol 132kV	20/01/2020 15:15:00	62	11000.0	3009.22	4845.4	1836.18	16.69	93.09	-5.493	0.000000
Katol 132kV	20/01/2020 15:30:00	63	11000.0	2710.63	4300.85	1590.22	14.46	0.00	-6.120	-972.091900
Katol 132kV	20/01/2020 15:45:00	64	11000.0	3359.44	3214.4	-145.04	1.32	0.00	-6.433	0.000000
Katol 132kV	20/01/2020 16:00:00	65	11000.0	2453.73	2482.05	28.32	0.26	0.00	-3.613	-1.518276
Katol 132kV	20/01/2020 16:15:00	66	11000.0	2220.0	2630.25	410.25	3.73	0.00	-5.180	-30.864420
Katol 132kV	20/01/2020 16:30:00	67	11000.0	1612.5	2187.9	575.4	5.23	0.00	3.927	0.000000
Katol 132kV	20/01/2020 16:45:00	68	11000.0	1595.0	1436.7	-158.3	1.44	0.00	2.987	0.000000
Katol 132kV	20/01/2020 17:00:00	69	11000.0	1557.5	790.7	-766.8	6.97	0.00	0.000	0.000000
Katol 132kV	20/01/2020 17:15:00	70	11000.0	1525.0	357.45	-1167.55	10.61	0.00	0.000	0.000000
Katol 132kV	20/01/2020 17:30:00	71	11000.0	1335.0	130.35	-1204.65	10.95	0.00	-2.389	0.000000
Katol 132kV	20/01/2020 17:45:00	72	11000.0	1057.5	18.5	-1039.0	9.45	0.00	-2.308	0.000000
Katol 132kV	20/01/2020 18:00:00	73	11000.0	0.0	1.0	1.0	0.01	0.00	-1.792	0.000000
Katol 132kV	20/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Katol 132kV	20/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Katol 132kV	20/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Katol 132kV	20/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	-1.195	0.000000
Katol 132kV	20/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-1.712	0.000000
Katol 132kV	20/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-0.994	0.000000
Katol 132kV	20/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-0.339	0.000000
Katol 132kV	20/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.735	0.000000

Katol 132kV	20/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-2.538	0.000000
Katol 132kV	20/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	2.389	0.000000
Katol 132kV	20/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	1.792	0.000000
Katol 132kV	20/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Katol 132kV	20/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	1.792	0.000000
Katol 132kV	20/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Katol 132kV	20/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	1.195	0.000000
Katol 132kV	20/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	4.240	0.000000
Katol 132kV	20/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	4.867	0.000000
Katol 132kV	20/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	4.240	0.000000
Katol 132kV	20/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Katol 132kV	20/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Katol 132kV	20/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Katol 132kV	20/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Katol 132kV	20/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Katol 132kV	21/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-1.626	0.000000

Katol 132kV	21/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Katol 132kV	21/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-3.312	0.000000
Katol 132kV	21/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Katol 132kV	21/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-5.188	0.000000
Katol 132kV	21/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-3.000	0.000000
Katol 132kV	21/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Katol 132kV	21/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.312	0.000000
Katol 132kV	21/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Katol 132kV	21/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-3.000	0.000000
Katol 132kV	21/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.000	0.000000
Katol 132kV	21/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Katol 132kV	21/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	2.423	0.000000
Katol 132kV	21/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	3.428	0.000000
Katol 132kV	21/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Katol 132kV	21/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-4.563	0.000000
Katol 132kV	21/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Katol 132kV	21/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	4.875	0.000000
Katol 132kV	21/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Katol 132kV	21/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Katol 132kV	21/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	3.312	0.000000
Katol 132kV	21/01/2020 06:30:00	27	11000.0	0.0	0.55	0.55	0.01	0.00	-5.438	0.000000

Katol 132kV	21/01/2020 06:45:00	28	11000.0	55.0	42.1	-12.9	0.12	0.00	-3.398	0.000000
Katol 132kV	21/01/2020 07:00:00	29	11000.0	270.0	180.3	-89.7	0.82	0.00	-4.875	0.000000
Katol 132kV	21/01/2020 07:15:00	30	11000.0	652.5	384.6	-267.9	2.44	0.00	-8.000	0.000000
Katol 132kV	21/01/2020 07:30:00	31	11000.0	1097.5	812.15	-285.35	2.59	0.00	3.000	0.000000
Katol 132kV	21/01/2020 07:45:00	32	11000.0	1642.5	1276.35	-366.15	3.33	0.00	1.800	0.000000
Katol 132kV	21/01/2020 08:00:00	33	11000.0	2365.0	1683.25	-681.75	6.2	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 08:15:00	34	11000.0	2877.5	2153.0	-724.5	6.59	0.00	3.000	0.000000
Katol 132kV	21/01/2020 08:30:00	35	11000.0	3390.0	3093.75	-296.25	2.69	0.00	2.400	0.000000
Katol 132kV	21/01/2020 08:45:00	36	11000.0	4112.5	4166.3	53.8	0.49	0.00	1.207	0.000000
Katol 132kV	21/01/2020 09:00:00	37	11000.0	5407.5	4782.35	-625.15	5.68	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 09:15:00	38	11000.0	5920.0	5223.05	-696.95	6.34	0.00	0.000	0.000000
Katol 132kV	21/01/2020 09:30:00	39	11000.0	6480.0	5968.35	-511.65	4.65	0.00	0.000	0.000000
Katol 132kV	21/01/2020 09:45:00	40	11000.0	7597.45	6660.75	-936.7	8.52	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 10:00:00	41	11000.0	8026.2	7549.55	-476.65	4.33	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 10:15:00	42	11000.0	8432.9	8146.55	-286.35	2.6	0.00	1.213	0.000000
Katol 132kV	21/01/2020 10:30:00	43	11000.0	8949.85	8556.1	-393.75	3.58	0.00	0.000	0.000000
Katol 132kV	21/01/2020 10:45:00	44	11000.0	9175.25	8782.7	-392.55	3.57	0.00	0.000	0.000000
Katol 132kV	21/01/2020 11:00:00	45	11000.0	9295.3	9100.55	-194.75	1.77	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 11:15:00	46	11000.0	9611.35	9333.15	-278.2	2.53	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 11:30:00	47	11000.0	9679.95	9406.25	-273.7	2.49	0.00	-2.240	0.000000
Katol 132kV	21/01/2020 11:45:00	48	11000.0	9702.0	9336.35	-365.65	3.32	0.00	-0.600	0.000000

Katol 132kV	21/01/2020 12:00:00	49	11000.0	9716.7	9487.1	-229.6	2.09	0.00	-3.000	0.000000
Katol 132kV	21/01/2020 12:15:00	50	11000.0	9684.85	9531.95	-152.9	1.39	0.00	-2.400	0.000000
Katol 132kV	21/01/2020 12:30:00	51	11000.0	9660.35	8825.3	-835.05	7.59	0.00	-3.625	0.000000
Katol 132kV	21/01/2020 12:45:00	52	11000.0	9513.35	9263.3	-250.05	2.27	0.00	-3.937	0.000000
Katol 132kV	21/01/2020 13:00:00	53	11000.0	9466.8	8252.7	-1214.1	11.04	0.00	-1.152	0.000000
Katol 132kV	21/01/2020 13:15:00	54	11000.0	9216.9	7679.05	-1537.85	13.98	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 13:30:00	55	11000.0	9074.8	7593.3	-1481.5	13.47	0.00	-3.625	0.000000
Katol 132kV	21/01/2020 13:45:00	56	11000.0	7362.5	7005.65	-356.85	3.24	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 14:00:00	57	11000.0	6887.5	6143.75	-743.75	6.76	0.00	-2.400	0.000000
Katol 132kV	21/01/2020 14:15:00	58	11000.0	6612.5	4702.9	-1909.6	17.36	129.80	-1.200	0.000000
Katol 132kV	21/01/2020 14:30:00	59	11000.0	6222.5	4223.0	-1999.5	18.18	174.75	-2.531	0.000000
Katol 132kV	21/01/2020 14:45:00	60	11000.0	6020.0	3404.6	-2615.4	23.78	482.70	-0.600	0.000000
Katol 132kV	21/01/2020 15:00:00	61	11000.0	5602.9	3283.7	-2319.2	21.08	334.60	0.000	0.000000
Katol 132kV	21/01/2020 15:15:00	62	11000.0	5086.9	4227.65	-859.25	7.81	0.00	0.000	0.000000
Katol 132kV	21/01/2020 15:30:00	63	11000.0	4078.98	3992.25	-86.73	0.79	0.00	-3.080	0.000000
Katol 132kV	21/01/2020 15:45:00	64	11000.0	3430.75	2985.7	-445.05	4.05	0.00	-3.312	0.000000
Katol 132kV	21/01/2020 16:00:00	65	11000.0	2848.32	2289.55	-558.77	5.08	0.00	-4.250	0.000000
Katol 132kV	21/01/2020 16:15:00	66	11000.0	2100.0	2125.1	25.1	0.23	0.00	-3.313	-19.280733
Katol 132kV	21/01/2020 16:30:00	67	11000.0	1650.0	1696.9	46.9	0.43	0.00	-3.992	-46.219016
Katol 132kV	21/01/2020 16:45:00	68	11000.0	1650.0	1108.7	-541.3	4.92	0.00	-3.312	0.000000
Katol 132kV	21/01/2020 17:00:00	69	11000.0	1612.5	718.9	-893.6	8.12	0.00	-1.200	0.000000

Katol 132kV	21/01/2020 17:15:00	70	11000.0	1557.5	407.85	-1149.65	10.45	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 17:30:00	71	11000.0	612.5	173.6	-438.9	3.99	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 17:45:00	72	11000.0	0.0	36.4	36.4	0.33	0.00	0.000	0.000000
Katol 132kV	21/01/2020 18:00:00	73	11000.0	0.0	1.0	1.0	0.01	0.00	-0.870	0.000000
Katol 132kV	21/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-4.563	0.000000
Katol 132kV	21/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	3.000	0.000000
Katol 132kV	21/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Katol 132kV	21/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Katol 132kV	21/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-1.795	0.000000
Katol 132kV	21/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Katol 132kV	21/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-1.580	0.000000
Katol 132kV	21/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Katol 132kV	21/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-2.447	0.000000
Katol 132kV	21/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-3.625	0.000000

Katol 132kV	21/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	2.400	0.000000
Katol 132kV	21/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	2.400	0.000000
Katol 132kV	21/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Katol 132kV	21/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Katol 132kV	21/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	21/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-0.986	0.000000
Katol 132kV	22/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-1.163	0.000000
Katol 132kV	22/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-0.777	0.000000
Katol 132kV	22/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-0.971	0.000000
Katol 132kV	22/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-1.767	0.000000
Katol 132kV	22/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-3.261	0.000000
Katol 132kV	22/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.577	0.000000
Katol 132kV	22/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000

Katol 132kV	22/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	-0.589	0.000000
Katol 132kV	22/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-2.036	0.000000
Katol 132kV	22/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-1.090	0.000000
Katol 132kV	22/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	-0.358	0.000000
Katol 132kV	22/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-3.577	0.000000
Katol 132kV	22/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	3.261	0.000000
Katol 132kV	22/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	0.589	0.000000
Katol 132kV	22/01/2020 06:30:00	27	11000.0	0.0	0.0	0.0	0.0	0.00	-2.945	0.000000
Katol 132kV	22/01/2020 06:45:00	28	11000.0	46.75	31.3	-15.45	0.14	0.00	3.893	0.000000
Katol 132kV	22/01/2020 07:00:00	29	11000.0	229.5	129.95	-99.55	0.9	0.00	1.767	0.000000
Katol 132kV	22/01/2020 07:15:00	30	11000.0	554.62	308.1	-246.52	2.24	0.00	-2.945	0.000000
Katol 132kV	22/01/2020 07:30:00	31	11000.0	932.87	515.15	-417.72	3.8	0.00	0.589	0.000000
Katol 132kV	22/01/2020 07:45:00	32	11000.0	1396.12	868.9	-527.22	4.79	0.00	0.589	0.000000
Katol 132kV	22/01/2020 08:00:00	33	11000.0	2010.25	1509.35	-500.9	4.55	0.00	0.000	0.000000
Katol 132kV	22/01/2020 08:15:00	34	11000.0	2445.87	2012.3	-433.57	3.94	0.00	0.000	0.000000
Katol 132kV	22/01/2020 08:30:00	35	11000.0	2881.5	2043.0	-838.5	7.62	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 08:45:00	36	11000.0	3495.63	2606.35	-889.28	8.08	0.00	-1.178	0.000000

Katol 132kV	22/01/2020 09:00:00	37	11000.0	4596.37	3768.3	-828.07	7.53	0.00	-2.945	0.000000
Katol 132kV	22/01/2020 09:15:00	38	11000.0	5032.0	4711.85	-320.15	2.91	0.00	-3.111	0.000000
Katol 132kV	22/01/2020 09:30:00	39	11000.0	5508.0	5194.0	-314.0	2.85	0.00	-3.616	0.000000
Katol 132kV	22/01/2020 09:45:00	40	11000.0	5930.87	6358.8	427.93	3.89	0.00	-1.242	-68.932840
Katol 132kV	22/01/2020 10:00:00	41	11000.0	6264.5	7289.8	1025.3	9.32	0.00	-1.643	-197.126102
Katol 132kV	22/01/2020 10:15:00	42	11000.0	6583.25	7911.5	1328.25	12.07	0.00	-2.306	-205.864434
Katol 132kV	22/01/2020 10:30:00	43	11000.0	6987.0	8311.75	1324.75	12.04	0.00	-1.178	-72.391859
Katol 132kV	22/01/2020 10:45:00	44	11000.0	7163.37	8624.35	1460.98	13.28	0.00	-3.577	-189.177672
Katol 132kV	22/01/2020 11:00:00	45	11000.0	7256.88	8816.0	1559.12	14.17	0.00	-1.178	-65.204895
Katol 132kV	22/01/2020 11:15:00	46	11000.0	7503.38	8807.0	1303.62	11.85	0.00	-1.123	-93.354706
Katol 132kV	22/01/2020 11:30:00	47	11000.0	9143.36	8330.75	-812.61	7.39	0.00	0.000	0.000000
Katol 132kV	22/01/2020 11:45:00	48	11000.0	9163.93	9064.55	-99.38	0.9	0.00	0.000	0.000000
Katol 132kV	22/01/2020 12:00:00	49	11000.0	9176.79	8670.45	-506.34	4.6	0.00	-2.356	0.000000
Katol 132kV	22/01/2020 12:15:00	50	11000.0	9148.51	8130.05	-1018.46	9.26	0.00	1.767	0.000000
Katol 132kV	22/01/2020 12:30:00	51	11000.0	9125.37	6299.95	-2825.42	25.69	625.42	1.178	0.000000
Katol 132kV	22/01/2020 12:45:00	52	11000.0	8986.52	8268.1	-718.42	6.53	0.00	0.000	0.000000
Katol 132kV	22/01/2020 13:00:00	53	11000.0	8942.81	8832.2	-110.61	1.01	0.00	0.000	0.000000
Katol 132kV	22/01/2020 13:15:00	54	11000.0	8706.25	7879.9	-826.35	7.51	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 13:30:00	55	11000.0	8143.92	8188.65	44.73	0.41	0.00	-1.767	-4.348526
Katol 132kV	22/01/2020 13:45:00	56	11000.0	7906.98	7523.9	-383.08	3.48	0.00	-2.356	0.000000
Katol 132kV	22/01/2020 14:00:00	57	11000.0	7330.51	7827.2	496.69	4.52	0.00	3.261	0.000000

Katol 132kV	22/01/2020 14:15:00	58	11000.0	7113.11	7113.65	0.54	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 14:30:00	59	11000.0	6783.34	5717.6	-1065.74	9.69	0.00	2.356	0.000000
Katol 132kV	22/01/2020 14:45:00	60	11000.0	6155.57	5897.55	-258.02	2.35	0.00	-3.577	0.000000
Katol 132kV	22/01/2020 15:00:00	61	11000.0	5728.1	5272.9	-455.2	4.14	0.00	-0.589	0.000000
Katol 132kV	22/01/2020 15:15:00	62	11000.0	5200.48	4419.5	-780.98	7.1	0.00	3.261	0.000000
Katol 132kV	22/01/2020 15:30:00	63	11000.0	4633.78	3755.1	-878.68	7.99	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 15:45:00	64	11000.0	3898.53	3868.4	-30.13	0.27	0.00	3.577	0.000000
Katol 132kV	22/01/2020 16:00:00	65	11000.0	3236.56	4332.7	1096.14	9.96	0.00	1.178	0.000000
Katol 132kV	22/01/2020 16:15:00	66	11000.0	2584.36	3617.45	1033.09	9.39	0.00	-4.132	-731.991036
Katol 132kV	22/01/2020 16:30:00	67	11000.0	1788.05	2691.5	903.45	8.21	0.00	-4.209	-547.529280
Katol 132kV	22/01/2020 16:45:00	68	11000.0	1033.26	1878.3	845.04	7.68	0.00	-3.577	-129.482667
Katol 132kV	22/01/2020 17:00:00	69	11000.0	583.8	1093.8	510.0	4.64	0.00	-1.767	0.000000
Katol 132kV	22/01/2020 17:15:00	70	11000.0	300.45	554.45	254.0	2.31	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 17:30:00	71	11000.0	70.84	228.85	158.01	1.44	0.00	-3.261	0.000000
Katol 132kV	22/01/2020 17:45:00	72	11000.0	0.0	48.75	48.75	0.44	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 18:00:00	73	11000.0	0.0	1.0	1.0	0.01	0.00	-1.881	0.000000
Katol 132kV	22/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-2.632	0.000000
Katol 132kV	22/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000
Katol 132kV	22/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Katol 132kV	22/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000

Katol 132kV	22/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-1.570	0.000000
Katol 132kV	22/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-2.356	0.000000
Katol 132kV	22/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Katol 132kV	22/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Katol 132kV	22/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Katol 132kV	22/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	0.589	0.000000
Katol 132kV	22/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Katol 132kV	22/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Katol 132kV	22/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	22/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000
Katol 132kV	23/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-0.401	0.000000
Katol 132kV	23/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-0.723	0.000000
Katol 132kV	23/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.739	0.000000

Katol 132kV	23/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	2.319	0.000000
Katol 132kV	23/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Katol 132kV	23/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Katol 132kV	23/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Katol 132kV	23/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000
Katol 132kV	23/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Katol 132kV	23/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Katol 132kV	23/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Katol 132kV	23/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-1.739	0.000000
Katol 132kV	23/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Katol 132kV	23/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Katol 132kV	23/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-4.174	0.000000
Katol 132kV	23/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	-2.318	0.000000
Katol 132kV	23/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Katol 132kV	23/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-4.492	0.000000
Katol 132kV	23/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	4.492	0.000000
Katol 132kV	23/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Katol 132kV	23/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-4.174	0.000000
Katol 132kV	23/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-3.416	0.000000
Katol 132kV	23/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-2.388	0.000000
Katol 132kV	23/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-3.534	0.000000

Katol 132kV	23/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-5.768	0.000000
Katol 132kV	23/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Katol 132kV	23/01/2020 06:30:00	27	11000.0	0.0	0.0	0.0	0.0	0.00	3.536	0.000000
Katol 132kV	23/01/2020 06:45:00	28	11000.0	46.75	36.35	-10.4	0.09	0.00	3.536	4.747601
Katol 132kV	23/01/2020 07:00:00	29	11000.0	229.5	177.85	-51.65	0.47	0.00	-1.661	0.000000
Katol 132kV	23/01/2020 07:15:00	30	11000.0	554.62	444.2	-110.42	1.0	0.00	3.217	0.000000
Katol 132kV	23/01/2020 07:30:00	31	11000.0	932.87	777.85	-155.02	1.41	0.00	3.217	0.000000
Katol 132kV	23/01/2020 07:45:00	32	11000.0	1396.12	1268.3	-127.82	1.16	0.00	-1.159	0.000000
Katol 132kV	23/01/2020 08:00:00	33	11000.0	2010.25	1985.7	-24.55	0.22	0.00	-0.580	0.000000
Katol 132kV	23/01/2020 08:15:00	34	11000.0	2445.87	2824.75	378.88	3.44	0.00	-0.580	-19.432460
Katol 132kV	23/01/2020 08:30:00	35	11000.0	2881.5	3530.95	649.45	5.9	0.00	-0.580	-2.443252
Katol 132kV	23/01/2020 08:45:00	36	11000.0	3495.63	4240.2	744.57	6.77	0.00	0.000	0.000000
Katol 132kV	23/01/2020 09:00:00	37	11000.0	4596.37	4979.35	382.98	3.48	0.00	1.159	0.000000
Katol 132kV	23/01/2020 09:15:00	38	11000.0	5032.0	5658.25	626.25	5.69	0.00	-0.580	-8.461430
Katol 132kV	23/01/2020 09:30:00	39	11000.0	5508.0	6229.95	721.95	6.56	0.00	-1.739	-11.718139
Katol 132kV	23/01/2020 09:45:00	40	11000.0	5930.87	6751.1	820.23	7.46	0.00	0.000	0.000000
Katol 132kV	23/01/2020 10:00:00	41	11000.0	6264.5	7343.4	1078.9	9.81	0.00	-1.159	-51.388020
Katol 132kV	23/01/2020 10:15:00	42	11000.0	6583.25	7935.3	1352.05	12.29	0.00	1.159	0.000000
Katol 132kV	23/01/2020 10:30:00	43	11000.0	6987.0	8303.5	1316.5	11.97	0.00	1.159	0.000000
Katol 132kV	23/01/2020 10:45:00	44	11000.0	7163.37	8580.45	1417.08	12.88	0.00	1.739	0.000000
Katol 132kV	23/01/2020 11:00:00	45	11000.0	8142.21	8890.6	748.39	6.8	0.00	0.000	0.000000

Katol 132kV	23/01/2020 11:15:00	46	11000.0	8418.79	9008.0	589.21	5.36	0.00	-2.454	-152.523974
Katol 132kV	23/01/2020 11:30:00	47	11000.0	8478.39	8430.7	-47.69	0.43	0.00	-1.739	0.000000
Katol 132kV	23/01/2020 11:45:00	48	11000.0	8497.47	7845.8	-651.67	5.92	0.00	-1.159	0.000000
Katol 132kV	23/01/2020 12:00:00	49	11000.0	8509.39	7084.5	-1424.89	12.95	0.00	-1.739	0.000000
Katol 132kV	23/01/2020 12:15:00	50	11000.0	9087.16	7347.9	-1739.26	15.81	44.63	-3.536	0.000000
Katol 132kV	23/01/2020 12:30:00	51	11000.0	9064.18	7541.1	-1523.08	13.85	0.00	-1.159	0.000000
Katol 132kV	23/01/2020 12:45:00	52	11000.0	9202.52	7569.35	-1633.17	14.85	0.00	-0.580	0.000000
Katol 132kV	23/01/2020 13:00:00	53	11000.0	9340.86	5842.3	-3498.56	31.81	1298.56	0.000	0.000000
Katol 132kV	23/01/2020 13:15:00	54	11000.0	7889.27	4267.05	-3622.22	32.93	1422.22	0.000	0.000000
Katol 132kV	23/01/2020 13:30:00	55	11000.0	7798.05	5160.7	-2637.35	23.98	493.68	3.217	0.000000
Katol 132kV	23/01/2020 13:45:00	56	11000.0	7706.82	7263.15	-443.67	4.03	0.00	2.318	0.000000
Katol 132kV	23/01/2020 14:00:00	57	11000.0	7514.06	7549.5	35.44	0.32	0.00	0.000	0.000000
Katol 132kV	23/01/2020 14:15:00	58	11000.0	7414.04	6995.55	-418.49	3.8	0.00	2.319	0.000000
Katol 132kV	23/01/2020 14:30:00	59	11000.0	7314.02	5270.35	-2043.67	18.58	196.84	-4.811	0.000000
Katol 132kV	23/01/2020 14:45:00	60	11000.0	7355.13	3583.15	-3771.98	34.29	1571.98	-3.536	0.000000
Katol 132kV	23/01/2020 15:00:00	61	11000.0	6985.15	2348.1	-4637.05	42.16	2830.58	-1.495	0.000000
Katol 132kV	23/01/2020 15:15:00	62	11000.0	6043.17	3136.9	-2906.27	26.42	706.27	-3.946	0.000000
Katol 132kV	23/01/2020 15:30:00	63	11000.0	5243.41	4233.3	-1010.11	9.18	0.00	-3.536	0.000000
Katol 132kV	23/01/2020 15:45:00	64	11000.0	4660.85	3419.0	-1241.85	11.29	0.00	6.087	0.000000
Katol 132kV	23/01/2020 16:00:00	65	11000.0	2777.48	3003.2	225.72	2.05	0.00	2.319	0.000000
Katol 132kV	23/01/2020 16:15:00	66	11000.0	2341.38	2409.8	68.42	0.62	0.00	-3.073	-38.530055

Katol 132kV	23/01/2020 16:30:00	67	11000.0	1913.5	1813.15	-100.35	0.91	0.00	-6.406	0.000000
Katol 132kV	23/01/2020 16:45:00	68	11000.0	1766.31	1156.95	-609.36	5.54	0.00	-5.449	0.000000
Katol 132kV	23/01/2020 17:00:00	69	11000.0	1481.55	643.1	-838.45	7.62	0.00	0.000	0.000000
Katol 132kV	23/01/2020 17:15:00	70	11000.0	1346.86	349.1	-997.76	9.07	0.00	-2.319	0.000000
Katol 132kV	23/01/2020 17:30:00	71	11000.0	1212.17	145.75	-1066.42	9.69	0.00	-2.853	0.000000
Katol 132kV	23/01/2020 17:45:00	72	11000.0	1077.49	30.9	-1046.59	9.51	0.00	-1.169	0.000000
Katol 132kV	23/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	23/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-2.082	0.000000
Katol 132kV	23/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Katol 132kV	23/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	4.811	0.000000
Katol 132kV	23/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000
Katol 132kV	23/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-4.492	0.000000
Katol 132kV	23/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-0.379	0.000000
Katol 132kV	23/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-0.836	0.000000
Katol 132kV	23/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.670	0.000000
Katol 132kV	23/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-4.952	0.000000
Katol 132kV	23/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	6.087	0.000000
Katol 132kV	23/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	5.449	0.000000
Katol 132kV	23/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	2.318	0.000000
Katol 132kV	23/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	3.217	0.000000
Katol 132kV	23/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000

Katol 132kV	23/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	1.159	0.000000
Katol 132kV	23/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Katol 132kV	23/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-2.898	0.000000
Katol 132kV	23/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	-3.217	0.000000
Katol 132kV	23/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-1.784	0.000000
Katol 132kV	23/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-1.254	0.000000
Katol 132kV	23/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-2.775	0.000000
Katol 132kV	23/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-1.169	0.000000
Katol 132kV	23/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-0.836	0.000000
Katol 132kV	24/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-1.179	0.000000
Katol 132kV	24/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-1.658	0.000000
Katol 132kV	24/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-4.216	0.000000
Katol 132kV	24/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Katol 132kV	24/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-3.015	0.000000
Katol 132kV	24/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Katol 132kV	24/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Katol 132kV	24/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-1.809	0.000000
Katol 132kV	24/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Katol 132kV	24/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-1.206	0.000000
Katol 132kV	24/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	3.327	0.000000
Katol 132kV	24/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000

Katol 132kV	24/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Katol 132kV	24/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	3.950	0.000000
Katol 132kV	24/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	3.638	0.000000
Katol 132kV	24/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Katol 132kV	24/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	4.885	0.000000
Katol 132kV	24/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	5.196	0.000000
Katol 132kV	24/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Katol 132kV	24/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	-1.809	0.000000
Katol 132kV	24/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-1.588	0.000000
Katol 132kV	24/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-2.303	0.000000
Katol 132kV	24/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-4.261	0.000000
Katol 132kV	24/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	2.412	0.000000
Katol 132kV	24/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Katol 132kV	24/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	1.809	0.000000
Katol 132kV	24/01/2020 06:30:00	27	11000.0	0.0	1.65	1.65	0.01	0.00	4.885	0.000000
Katol 132kV	24/01/2020 06:45:00	28	11000.0	46.75	61.95	15.2	0.14	0.00	-6.442	0.000000
Katol 132kV	24/01/2020 07:00:00	29	11000.0	229.5	239.5	10.0	0.09	0.00	4.262	0.000000
Katol 132kV	24/01/2020 07:15:00	30	11000.0	554.62	538.55	-16.07	0.15	0.00	-4.261	0.000000
Katol 132kV	24/01/2020 07:30:00	31	11000.0	932.87	1016.05	83.18	0.76	0.00	-2.412	-13.803636
Katol 132kV	24/01/2020 07:45:00	32	11000.0	1396.12	1639.5	243.38	2.21	0.00	-1.206	-45.669124
Katol 132kV	24/01/2020 08:00:00	33	11000.0	2010.25	2561.95	551.7	5.02	0.00	-1.206	-92.848941

Katol 132kV	24/01/2020 08:15:00	34	11000.0	2445.87	3663.35	1217.48	11.07	0.00	-2.834	-586.290032
Katol 132kV	24/01/2020 08:30:00	35	11000.0	2881.5	4565.05	1683.55	15.3	16.78	-0.596	-133.514278
Katol 132kV	24/01/2020 08:45:00	36	11000.0	3495.63	5360.05	1864.42	16.95	107.21	-1.206	-150.225751
Katol 132kV	24/01/2020 09:00:00	37	11000.0	4596.37	6103.95	1507.58	13.71	0.00	-2.412	-143.444001
Katol 132kV	24/01/2020 09:15:00	38	11000.0	5032.0	6740.25	1708.25	15.53	29.13	-2.892	-461.751735
Katol 132kV	24/01/2020 09:30:00	39	11000.0	5508.0	7388.9	1880.9	17.1	115.45	-2.487	-609.439699
Katol 132kV	24/01/2020 09:45:00	40	11000.0	7176.36	8061.55	885.19	8.05	0.00	-1.809	-105.362625
Katol 132kV	24/01/2020 10:00:00	41	11000.0	7580.05	8732.7	1152.65	10.48	0.00	-2.119	-206.247623
Katol 132kV	24/01/2020 10:15:00	42	11000.0	7965.73	9266.75	1301.02	11.83	0.00	-3.638	-239.497663
Katol 132kV	24/01/2020 10:30:00	43	11000.0	8454.27	9704.5	1250.23	11.37	0.00	-3.950	-67.258083
Katol 132kV	24/01/2020 10:45:00	44	11000.0	8667.68	10042.05	1374.37	12.49	0.00	-3.638	-5.584284
Katol 132kV	24/01/2020 11:00:00	45	11000.0	8780.82	10286.05	1505.23	13.68	0.00	-5.196	-142.259704
Katol 132kV	24/01/2020 11:15:00	46	11000.0	9079.08	10553.65	1474.57	13.41	0.00	-6.754	-620.369045
Katol 132kV	24/01/2020 11:30:00	47	11000.0	9792.54	10724.85	932.31	8.48	0.00	-4.885	-294.841506
Katol 132kV	24/01/2020 11:45:00	48	11000.0	9814.57	10793.65	979.08	8.9	0.00	-3.638	-80.976325
Katol 132kV	24/01/2020 12:00:00	49	11000.0	9828.34	10818.95	990.61	9.01	0.00	3.015	0.000000
Katol 132kV	24/01/2020 12:15:00	50	11000.0	9798.05	10801.5	1003.45	9.12	0.00	-3.950	-5.166661
Katol 132kV	24/01/2020 12:30:00	51	11000.0	9773.27	10682.85	909.58	8.27	0.00	3.638	0.000000
Katol 132kV	24/01/2020 12:45:00	52	11000.0	9624.56	10514.55	889.99	8.09	0.00	-1.809	-19.244943
Katol 132kV	24/01/2020 13:00:00	53	11000.0	9577.75	10425.35	847.6	7.71	0.00	0.000	0.000000
Katol 132kV	24/01/2020 13:15:00	54	11000.0	9324.4	10334.95	1010.55	9.19	0.00	1.206	0.000000

Katol 132kV	24/01/2020 13:30:00	55	11000.0	9181.2	10110.9	929.7	8.45	0.00	3.015	0.000000
Katol 132kV	24/01/2020 13:45:00	56	11000.0	8914.08	9824.1	910.02	8.27	0.00	0.603	0.000000
Katol 132kV	24/01/2020 14:00:00	57	11000.0	8264.18	9513.75	1249.57	11.36	0.00	-1.809	-63.436063
Katol 132kV	24/01/2020 14:15:00	58	11000.0	8019.09	9150.55	1131.46	10.29	0.00	3.950	0.000000
Katol 132kV	24/01/2020 14:30:00	59	11000.0	7647.33	8707.95	1060.62	9.64	0.00	3.638	0.000000
Katol 132kV	24/01/2020 14:45:00	60	11000.0	6939.6	8225.6	1286.0	11.69	0.00	-2.412	-92.096629
Katol 132kV	24/01/2020 15:00:00	61	11000.0	6457.68	7650.0	1192.32	10.84	0.00	-1.206	-85.320553
Katol 132kV	24/01/2020 15:15:00	62	11000.0	5862.86	6986.95	1124.09	10.22	0.00	-3.950	-53.451122
Katol 132kV	24/01/2020 15:30:00	63	11000.0	5223.98	6258.25	1034.27	9.4	0.00	-4.885	-271.197377
Katol 132kV	24/01/2020 15:45:00	64	11000.0	4395.08	5535.6	1140.52	10.37	0.00	-4.261	-66.620836
Katol 132kV	24/01/2020 16:00:00	65	11000.0	3648.8	4797.35	1148.55	10.44	0.00	-0.845	-182.617033
Katol 132kV	24/01/2020 16:15:00	66	11000.0	2913.53	3889.35	975.82	8.87	0.00	-4.536	-832.500903
Katol 132kV	24/01/2020 16:30:00	67	11000.0	2015.79	2891.0	875.21	7.96	0.00	-4.010	-817.446053
Katol 132kV	24/01/2020 16:45:00	68	11000.0	1164.86	1899.95	735.09	6.68	0.00	-6.442	-678.501216
Katol 132kV	24/01/2020 17:00:00	69	11000.0	658.16	1092.3	434.14	3.95	0.00	-3.950	-35.274611
Katol 132kV	24/01/2020 17:15:00	70	11000.0	338.72	496.25	157.53	1.43	0.00	-3.327	0.000000
Katol 132kV	24/01/2020 17:30:00	71	11000.0	79.86	197.35	117.49	1.07	0.00	-3.327	0.000000
Katol 132kV	24/01/2020 17:45:00	72	11000.0	0.0	48.3	48.3	0.44	0.00	-0.967	0.000000
Katol 132kV	24/01/2020 18:00:00	73	11000.0	0.0	2.0	2.0	0.02	0.00	-0.453	0.000000
Katol 132kV	24/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-1.841	0.000000
Katol 132kV	24/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-3.253	0.000000

Katol 132kV	24/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Katol 132kV	24/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	2.412	0.000000
Katol 132kV	24/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-3.327	0.000000
Katol 132kV	24/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-2.819	0.000000
Katol 132kV	24/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-3.185	0.000000
Katol 132kV	24/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.652	0.000000
Katol 132kV	24/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-3.758	0.000000
Katol 132kV	24/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-5.819	0.000000
Katol 132kV	24/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	6.131	0.000000
Katol 132kV	24/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-6.442	0.000000
Katol 132kV	24/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-3.950	0.000000
Katol 132kV	24/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Katol 132kV	24/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Katol 132kV	24/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-4.573	0.000000
Katol 132kV	24/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	3.950	0.000000
Katol 132kV	24/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	3.638	0.000000
Katol 132kV	24/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-4.262	0.000000
Katol 132kV	24/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-5.508	0.000000
Katol 132kV	24/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Katol 132kV	24/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-3.015	0.000000
Katol 132kV	24/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-3.950	0.000000

Katol 132kV	25/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-5.257	0.000000
Katol 132kV	25/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-7.689	0.000000
Katol 132kV	25/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-6.443	0.000000
Katol 132kV	25/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-6.443	0.000000
Katol 132kV	25/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-3.640	0.000000
Katol 132kV	25/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-3.637	0.000000
Katol 132kV	25/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-2.346	0.000000
Katol 132kV	25/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-1.755	0.000000
Katol 132kV	25/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-1.811	0.000000
Katol 132kV	25/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Katol 132kV	25/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Katol 132kV	25/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-3.018	0.000000
Katol 132kV	25/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	-1.811	0.000000
Katol 132kV	25/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Katol 132kV	25/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	25/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	1.810	0.000000
Katol 132kV	25/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	3.647	0.000000

Katol 132kV	25/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	4.953	0.000000
Katol 132kV	25/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Katol 132kV	25/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-4.575	0.000000
Katol 132kV	25/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-2.678	0.000000
Katol 132kV	25/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 06:30:00	27	11000.0	0.0	1.65	1.65	0.01	0.00	-1.810	0.000000
Katol 132kV	25/01/2020 06:45:00	28	11000.0	60.0	52.4	-7.6	0.07	0.00	-2.182	0.000000
Katol 132kV	25/01/2020 07:00:00	29	11000.0	300.0	255.3	-44.7	0.41	0.00	-1.170	0.000000
Katol 132kV	25/01/2020 07:15:00	30	11000.0	725.0	630.6	-94.4	0.86	0.00	5.820	0.000000
Katol 132kV	25/01/2020 07:30:00	31	11000.0	1220.0	1115.05	-104.95	0.95	0.00	3.640	0.000000
Katol 132kV	25/01/2020 07:45:00	32	11000.0	1825.0	1757.05	-67.95	0.62	0.00	3.952	0.000000
Katol 132kV	25/01/2020 08:00:00	33	11000.0	3097.5	2782.85	-314.65	2.86	0.00	-1.207	0.000000
Katol 132kV	25/01/2020 08:15:00	34	11000.0	3432.5	3918.9	486.4	4.42	0.00	-1.810	-36.049166
Katol 132kV	25/01/2020 08:30:00	35	11000.0	3767.5	4909.4	1141.9	10.38	0.00	1.811	0.000000
Katol 132kV	25/01/2020 08:45:00	36	11000.0	4570.0	5794.9	1224.9	11.14	0.00	0.604	0.000000
Katol 132kV	25/01/2020 09:00:00	37	11000.0	6007.5	6524.0	516.5	4.7	0.00	4.575	0.000000
Katol 132kV	25/01/2020 09:15:00	38	11000.0	6577.5	7144.95	567.45	5.16	0.00	-3.640	-30.025844
Katol 132kV	25/01/2020 09:30:00	39	11000.0	7200.0	7774.65	574.65	5.22	0.00	0.603	0.000000
Katol 132kV	25/01/2020 09:45:00	40	11000.0	7752.5	8344.65	592.15	5.38	0.00	-3.329	-82.682014
Katol 132kV	25/01/2020 10:00:00	41	11000.0	8190.0	8800.35	610.35	5.55	0.00	-5.197	-244.225686
Katol 132kV	25/01/2020 10:15:00	42	11000.0	8605.0	9307.8	702.8	6.39	0.00	-5.509	-202.696993

Katol 132kV	25/01/2020 10:30:00	43	11000.0	9132.5	9796.45	663.95	6.04	0.00	-3.018	-76.962959
Katol 132kV	25/01/2020 10:45:00	44	11000.0	9362.5	10221.5	859.0	7.81	0.00	-3.952	-80.142786
Katol 132kV	25/01/2020 11:00:00	45	11000.0	9010.0	10554.0	1544.0	14.04	0.00	-3.680	-479.912510
Katol 132kV	25/01/2020 11:15:00	46	11000.0	9317.5	10747.05	1429.55	13.0	0.00	-5.509	-375.786349
Katol 132kV	25/01/2020 11:30:00	47	11000.0	9382.5	10765.25	1382.75	12.57	0.00	-3.815	-423.973237
Katol 132kV	25/01/2020 11:45:00	48	11000.0	9405.0	10705.2	1300.2	11.82	0.00	-3.017	-28.830996
Katol 132kV	25/01/2020 12:00:00	49	11000.0	9420.0	10664.1	1244.1	11.31	0.00	4.886	0.000000
Katol 132kV	25/01/2020 12:15:00	50	11000.0	9387.5	10980.35	1592.85	14.48	0.00	5.459	0.000000
Katol 132kV	25/01/2020 12:30:00	51	11000.0	9365.0	11077.85	1712.85	15.57	31.43	3.018	0.000000
Katol 132kV	25/01/2020 12:45:00	52	11000.0	9222.5	10997.05	1774.55	16.13	62.28	-1.810	-144.740769
Katol 132kV	25/01/2020 13:00:00	53	11000.0	9177.5	10876.3	1698.8	15.44	24.40	-0.489	-68.902500
Katol 132kV	25/01/2020 13:15:00	54	11000.0	8935.0	10288.75	1353.75	12.31	0.00	-3.017	-248.803394
Katol 132kV	25/01/2020 13:30:00	55	11000.0	9260.0	8598.5	-661.5	6.01	0.00	4.263	0.000000
Katol 132kV	25/01/2020 13:45:00	56	11000.0	8992.5	7296.95	-1695.55	15.41	22.78	2.414	0.000000
Katol 132kV	25/01/2020 14:00:00	57	11000.0	8335.0	6605.35	-1729.65	15.72	39.83	1.207	0.000000
Katol 132kV	25/01/2020 14:15:00	58	11000.0	8087.5	5606.65	-2480.85	22.55	415.43	3.329	0.000000
Katol 132kV	25/01/2020 14:30:00	59	11000.0	7715.0	6515.05	-1199.95	10.91	0.00	3.640	0.000000
Katol 132kV	25/01/2020 14:45:00	60	11000.0	7000.0	7086.1	86.1	0.78	0.00	-3.018	-5.006387
Katol 132kV	25/01/2020 15:00:00	61	11000.0	6515.0	6967.15	452.15	4.11	0.00	-1.811	-45.906117
Katol 132kV	25/01/2020 15:15:00	62	11000.0	4732.0	7145.05	2413.05	21.94	381.53	-3.640	-180.942719
Katol 132kV	25/01/2020 15:30:00	63	11000.0	4216.0	5275.75	1059.75	9.63	0.00	1.810	0.000000

Katol 132kV	25/01/2020 15:45:00	64	11000.0	3546.0	3068.4	-477.6	4.34	0.00	-3.017	0.000000
Katol 132kV	25/01/2020 16:00:00	65	11000.0	2944.0	1738.55	-1205.45	10.96	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 16:15:00	66	11000.0	2350.0	996.6	-1353.4	12.3	0.00	-5.820	0.000000
Katol 132kV	25/01/2020 16:30:00	67	11000.0	1626.0	587.3	-1038.7	9.44	0.00	-5.197	0.000000
Katol 132kV	25/01/2020 16:45:00	68	11000.0	940.0	464.6	-475.4	4.32	0.00	16.000	0.000000
Katol 132kV	25/01/2020 17:00:00	69	11000.0	532.0	387.65	-144.35	1.31	0.00	-4.886	0.000000
Katol 132kV	25/01/2020 17:15:00	70	11000.0	274.0	249.15	-24.85	0.23	0.00	-3.640	0.000000
Katol 132kV	25/01/2020 17:30:00	71	11000.0	64.0	105.65	41.65	0.38	0.00	-4.263	0.000000
Katol 132kV	25/01/2020 17:45:00	72	11000.0	0.0	20.5	20.5	0.19	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Katol 132kV	25/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-8.000	0.000000
Katol 132kV	25/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-7.377	0.000000
Katol 132kV	25/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Katol 132kV	25/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	1.207	0.000000
Katol 132kV	25/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-3.640	0.000000
Katol 132kV	25/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-2.033	0.000000
Katol 132kV	25/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-0.376	0.000000
Katol 132kV	25/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.582	0.000000
Katol 132kV	25/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Katol 132kV	25/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	3.329	0.000000
Katol 132kV	25/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	3.329	0.000000

Katol 132kV	25/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	4.886	0.000000
Katol 132kV	25/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-1.810	0.000000
Katol 132kV	25/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	1.811	0.000000
Katol 132kV	25/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.604	0.000000
Katol 132kV	25/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-4.886	0.000000
Katol 132kV	25/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	4.574	0.000000
Katol 132kV	25/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Katol 132kV	25/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Katol 132kV	25/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Katol 132kV	25/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Katol 132kV	25/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Katol 132kV	25/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-3.018	0.000000
Katol 132kV	26/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-4.511	0.000000
Katol 132kV	26/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-3.010	0.000000
Katol 132kV	26/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Katol 132kV	26/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-2.733	0.000000
Katol 132kV	26/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-4.708	0.000000
Katol 132kV	26/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-5.367	0.000000
Katol 132kV	26/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-5.367	0.000000
Katol 132kV	26/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-1.640	0.000000
Katol 132kV	26/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-3.063	0.000000

Katol 132kV	26/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-2.187	0.000000
Katol 132kV	26/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-1.640	0.000000
Katol 132kV	26/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	1.640	0.000000
Katol 132kV	26/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.392	0.000000
Katol 132kV	26/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	3.062	0.000000
Katol 132kV	26/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	3.063	0.000000
Katol 132kV	26/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	2.733	0.000000
Katol 132kV	26/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	3.721	0.000000
Katol 132kV	26/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	1.640	0.000000
Katol 132kV	26/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	2.755	0.000000
Katol 132kV	26/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	2.477	0.000000
Katol 132kV	26/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-3.392	0.000000
Katol 132kV	26/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Katol 132kV	26/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-3.879	0.000000
Katol 132kV	26/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-4.820	0.000000
Katol 132kV	26/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-5.696	0.000000
Katol 132kV	26/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-1.649	0.000000
Katol 132kV	26/01/2020 06:30:00	27	11000.0	0.0	1.8	1.8	0.02	0.00	-1.859	0.000000
Katol 132kV	26/01/2020 06:45:00	28	11000.0	60.0	61.8	1.8	0.02	0.00	-2.739	0.000000
Katol 132kV	26/01/2020 07:00:00	29	11000.0	300.0	286.65	-13.35	0.12	0.00	-1.494	0.000000
Katol 132kV	26/01/2020 07:15:00	30	11000.0	725.0	693.05	-31.95	0.29	0.00	-1.093	0.000000

Katol 132kV	26/01/2020 07:30:00	31	11000.0	1220.0	1249.15	29.15	0.27	0.00	-1.093	0.000000
Katol 132kV	26/01/2020 07:45:00	32	11000.0	1825.0	2041.65	216.65	1.97	0.00	-0.838	-53.820152
Katol 132kV	26/01/2020 08:00:00	33	11000.0	3097.5	3390.25	292.75	2.66	0.00	-0.244	-34.928992
Katol 132kV	26/01/2020 08:15:00	34	11000.0	3432.5	4693.75	1261.25	11.47	0.00	-0.783	-357.084785
Katol 132kV	26/01/2020 08:30:00	35	11000.0	3767.5	5666.65	1899.15	17.27	124.58	-0.531	-287.448181
Katol 132kV	26/01/2020 08:45:00	36	11000.0	4570.0	6505.35	1935.35	17.59	142.68	-0.366	-121.988588
Katol 132kV	26/01/2020 09:00:00	37	11000.0	6007.5	7233.35	1225.85	11.14	0.00	-1.999	-431.627523
Katol 132kV	26/01/2020 09:15:00	38	11000.0	6577.5	7905.6	1328.1	12.07	0.00	-3.721	-362.142649
Katol 132kV	26/01/2020 09:30:00	39	11000.0	7200.0	8531.9	1331.9	12.11	0.00	-5.696	-6.632341
Katol 132kV	26/01/2020 09:45:00	40	11000.0	7752.5	9087.8	1335.3	12.14	0.00	4.379	0.000000
Katol 132kV	26/01/2020 10:00:00	41	11000.0	8771.49	9544.3	772.81	7.03	0.00	5.696	0.000000
Katol 132kV	26/01/2020 10:15:00	42	11000.0	9035.25	9972.2	936.95	8.52	0.00	7.671	0.000000
Katol 132kV	26/01/2020 10:30:00	43	11000.0	9362.5	10392.9	1030.4	9.37	0.00	-4.050	-51.715618
Katol 132kV	26/01/2020 10:45:00	44	11000.0	9362.5	10703.3	1340.8	12.19	0.00	-3.063	-149.123759
Katol 132kV	26/01/2020 11:00:00	45	11000.0	9362.5	10902.75	1540.25	14.0	0.00	-3.063	-159.589958
Katol 132kV	26/01/2020 11:15:00	46	11000.0	9362.5	11090.45	1727.95	15.71	38.98	4.050	0.000000
Katol 132kV	26/01/2020 11:30:00	47	11000.0	9382.5	11208.2	1825.7	16.6	87.85	-2.733	-130.648314
Katol 132kV	26/01/2020 11:45:00	48	11000.0	9405.0	11328.4	1923.4	17.49	136.70	3.063	0.000000
Katol 132kV	26/01/2020 12:00:00	49	11000.0	9420.0	11332.4	1912.4	17.39	131.20	3.091	0.000000
Katol 132kV	26/01/2020 12:15:00	50	11000.0	9387.5	11322.65	1935.15	17.59	142.58	3.063	0.000000
Katol 132kV	26/01/2020 12:30:00	51	11000.0	9365.0	11283.9	1918.9	17.44	134.45	2.187	0.000000

Katol 132kV	26/01/2020 12:45:00	52	11000.0	9222.5	11223.75	2001.25	18.19	175.63	1.640	0.000000
Katol 132kV	26/01/2020 13:00:00	53	11000.0	9492.56	11139.3	1646.74	14.97	0.00	-1.640	-134.248852
Katol 132kV	26/01/2020 13:15:00	54	11000.0	9428.35	10969.4	1541.05	14.01	0.00	-0.547	-46.365756
Katol 132kV	26/01/2020 13:30:00	55	11000.0	9364.56	10659.1	1294.54	11.77	0.00	0.000	0.000000
Katol 132kV	26/01/2020 13:45:00	56	11000.0	9301.21	10412.15	1110.94	10.1	0.00	0.000	0.000000
Katol 132kV	26/01/2020 14:00:00	57	11000.0	8621.14	10126.7	1505.56	13.69	0.00	2.733	0.000000
Katol 132kV	26/01/2020 14:15:00	58	11000.0	8365.14	9806.25	1441.11	13.1	0.00	0.547	0.000000
Katol 132kV	26/01/2020 14:30:00	59	11000.0	7979.86	9342.7	1362.84	12.39	0.00	0.547	0.000000
Katol 132kV	26/01/2020 14:45:00	60	11000.0	7964.34	8839.05	874.71	7.95	0.00	1.640	0.000000
Katol 132kV	26/01/2020 15:00:00	61	11000.0	7412.53	8350.05	937.52	8.52	0.00	-2.733	-66.642877
Katol 132kV	26/01/2020 15:15:00	62	11000.0	6729.87	7742.25	1012.38	9.2	0.00	-3.721	-77.645057
Katol 132kV	26/01/2020 15:30:00	63	11000.0	5996.01	7089.45	1093.44	9.94	0.00	-2.733	-105.700809
Katol 132kV	26/01/2020 15:45:00	64	11000.0	5043.13	6411.45	1368.32	12.44	0.00	-3.721	-245.174830
Katol 132kV	26/01/2020 16:00:00	65	11000.0	4186.97	5726.6	1539.63	14.0	0.00	0.000	0.000000
Katol 132kV	26/01/2020 16:15:00	66	11000.0	3342.18	4906.85	1564.67	14.22	0.00	-1.988	-916.766438
Katol 132kV	26/01/2020 16:30:00	67	11000.0	2312.5	3908.85	1596.35	14.51	0.00	-2.869	-1298.240839
Katol 132kV	26/01/2020 16:45:00	68	11000.0	1336.87	2778.75	1441.88	13.11	0.00	-3.392	-294.594571
Katol 132kV	26/01/2020 17:00:00	69	11000.0	756.61	1706.05	949.44	8.63	0.00	-0.547	0.000000
Katol 132kV	26/01/2020 17:15:00	70	11000.0	389.68	797.35	407.67	3.71	0.00	-1.093	0.000000
Katol 132kV	26/01/2020 17:30:00	71	11000.0	91.02	330.1	239.08	2.17	0.00	-0.467	0.000000
Katol 132kV	26/01/2020 17:45:00	72	11000.0	0.0	86.2	86.2	0.78	0.00	0.000	0.000000

Katol 132kV	26/01/2020 18:00:00	73	11000.0	0.0	6.1	6.1	0.06	0.00	2.733	0.000000
Katol 132kV	26/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-1.203	0.000000
Katol 132kV	26/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	4.050	0.000000
Katol 132kV	26/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	6.021	0.000000
Katol 132kV	26/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	6.354	0.000000
Katol 132kV	26/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-2.973	0.000000
Katol 132kV	26/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-3.240	0.000000
Katol 132kV	26/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-2.481	0.000000
Katol 132kV	26/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Katol 132kV	26/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	5.696	0.000000
Katol 132kV	26/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	3.721	0.000000
Katol 132kV	26/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	4.379	0.000000
Katol 132kV	26/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Katol 132kV	26/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Katol 132kV	26/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	4.379	0.000000
Katol 132kV	26/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	4.149	0.000000
Katol 132kV	26/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-8.000	0.000000
Katol 132kV	26/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Katol 132kV	26/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	3.468	0.000000
Katol 132kV	26/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	2.187	0.000000
Katol 132kV	26/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	3.062	0.000000

Katol 132kV	26/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	1.093	0.000000
Katol 132kV	26/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	0.547	0.000000
Katol 132kV	26/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-0.547	0.000000
Mansar 132kV	20/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	-2.732	0.000000
Mansar 132kV	20/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-0.781	0.000000
Mansar 132kV	20/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.842	0.000000
Mansar 132kV	20/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-3.927	0.000000
Mansar 132kV	20/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Mansar 132kV	20/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-3.927	0.000000
Mansar 132kV	20/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Mansar 132kV	20/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Mansar 132kV	20/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Mansar 132kV	20/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Mansar 132kV	20/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Mansar 132kV	20/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Mansar 132kV	20/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-5.180	0.000000
Mansar 132kV	20/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-6.120	0.000000

Mansar 132kV	20/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	-5.807	0.000000
Mansar 132kV	20/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	5.807	0.000000
Mansar 132kV	20/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-6.433	0.000000
Mansar 132kV	20/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	6.433	0.000000
Mansar 132kV	20/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	3.927	0.000000
Mansar 132kV	20/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	4.867	0.000000
Mansar 132kV	20/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	3.300	0.000000
Mansar 132kV	20/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	-2.706	0.000000
Mansar 132kV	20/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-6.120	0.000000
Mansar 132kV	20/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-6.120	0.000000
Mansar 132kV	20/01/2020 07:00:00	29	0.0	0.0	9.0	9.0	0.0	0.00	-3.927	0.000000
Mansar 132kV	20/01/2020 07:15:00	30	0.0	0.0	35.0	35.0	0.0	0.00	4.867	0.000000
Mansar 132kV	20/01/2020 07:30:00	31	0.0	0.0	71.0	71.0	0.0	0.00	3.927	0.000000
Mansar 132kV	20/01/2020 07:45:00	32	0.0	0.0	129.0	129.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 08:00:00	33	0.0	0.0	209.0	209.0	0.0	0.00	1.195	0.000000
Mansar 132kV	20/01/2020 08:15:00	34	0.0	0.0	196.0	196.0	0.0	0.00	2.389	0.000000
Mansar 132kV	20/01/2020 08:30:00	35	0.0	0.0	199.0	199.0	0.0	0.00	3.300	0.000000
Mansar 132kV	20/01/2020 08:45:00	36	0.0	0.0	208.0	208.0	0.0	0.00	0.597	0.000000
Mansar 132kV	20/01/2020 09:00:00	37	0.0	0.0	257.0	257.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 09:15:00	38	0.0	0.0	284.0	284.0	0.0	0.00	-4.240	0.000000
Mansar 132kV	20/01/2020 09:30:00	39	0.0	0.0	300.0	300.0	0.0	0.00	-4.240	0.000000

Mansar 132kV	20/01/2020 09:45:00	40	0.0	0.0	377.0	377.0	0.0	0.00	-0.597	0.000000
Mansar 132kV	20/01/2020 10:00:00	41	0.0	0.0	488.0	488.0	0.0	0.00	-1.792	0.000000
Mansar 132kV	20/01/2020 10:15:00	42	0.0	0.0	560.0	560.0	0.0	0.00	1.792	0.000000
Mansar 132kV	20/01/2020 10:30:00	43	0.0	0.0	668.0	668.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 10:45:00	44	0.0	0.0	897.0	897.0	0.0	0.00	1.195	0.000000
Mansar 132kV	20/01/2020 11:00:00	45	0.0	0.0	921.0	921.0	0.0	0.00	-0.597	0.000000
Mansar 132kV	20/01/2020 11:15:00	46	0.0	0.0	1003.0	1003.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 11:30:00	47	0.0	0.0	1028.0	1028.0	0.0	0.00	-0.597	0.000000
Mansar 132kV	20/01/2020 11:45:00	48	0.0	0.0	1032.0	1032.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 12:00:00	49	0.0	0.0	1032.0	1032.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 12:15:00	50	0.0	0.0	1035.0	1035.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 12:30:00	51	0.0	0.0	1013.0	1013.0	0.0	0.00	-3.300	0.000000
Mansar 132kV	20/01/2020 12:45:00	52	0.0	0.0	984.0	984.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 13:00:00	53	0.0	0.0	987.0	987.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 13:15:00	54	0.0	0.0	787.0	787.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 13:30:00	55	0.0	0.0	480.0	480.0	0.0	0.00	2.389	0.000000
Mansar 132kV	20/01/2020 13:45:00	56	0.0	0.0	440.0	440.0	0.0	0.00	1.195	0.000000
Mansar 132kV	20/01/2020 14:00:00	57	0.0	0.0	364.0	364.0	0.0	0.00	1.792	0.000000
Mansar 132kV	20/01/2020 14:15:00	58	0.0	0.0	391.0	391.0	0.0	0.00	4.240	0.000000
Mansar 132kV	20/01/2020 14:30:00	59	0.0	0.0	544.0	544.0	0.0	0.00	3.613	0.000000
Mansar 132kV	20/01/2020 14:45:00	60	0.0	0.0	631.0	631.0	0.0	0.00	2.987	0.000000

Mansar 132kV	20/01/2020 15:00:00	61	0.0	0.0	551.0	551.0	0.0	0.00	-4.240	0.000000
Mansar 132kV	20/01/2020 15:15:00	62	0.0	0.0	486.0	486.0	0.0	0.00	-5.493	0.000000
Mansar 132kV	20/01/2020 15:30:00	63	0.0	0.0	365.0	365.0	0.0	0.00	-6.120	0.000000
Mansar 132kV	20/01/2020 15:45:00	64	0.0	0.0	200.0	200.0	0.0	0.00	-6.433	0.000000
Mansar 132kV	20/01/2020 16:00:00	65	0.0	0.0	123.0	123.0	0.0	0.00	-3.613	0.000000
Mansar 132kV	20/01/2020 16:15:00	66	0.0	0.0	111.0	111.0	0.0	0.00	-5.180	0.000000
Mansar 132kV	20/01/2020 16:30:00	67	0.0	0.0	67.0	67.0	0.0	0.00	3.927	0.000000
Mansar 132kV	20/01/2020 16:45:00	68	0.0	0.0	111.0	111.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 17:00:00	69	0.0	0.0	75.0	75.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 17:15:00	70	0.0	0.0	36.0	36.0	0.0	0.00	0.000	0.000000
Mansar 132kV	20/01/2020 17:30:00	71	0.0	0.0	9.0	9.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	20/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-2.308	0.000000
Mansar 132kV	20/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-1.792	0.000000
Mansar 132kV	20/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-3.300	0.000000
Mansar 132kV	20/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	-3.613	0.000000
Mansar 132kV	20/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	-1.195	0.000000
Mansar 132kV	20/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-1.712	0.000000
Mansar 132kV	20/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-0.994	0.000000
Mansar 132kV	20/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-0.339	0.000000
Mansar 132kV	20/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-1.735	0.000000

Mansar 132kV	20/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-2.538	0.000000
Mansar 132kV	20/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	2.389	0.000000
Mansar 132kV	20/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	1.792	0.000000
Mansar 132kV	20/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	1.792	0.000000
Mansar 132kV	20/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	1.195	0.000000
Mansar 132kV	20/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	4.240	0.000000
Mansar 132kV	20/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	4.867	0.000000
Mansar 132kV	20/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	4.240	0.000000
Mansar 132kV	20/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-2.987	0.000000
Mansar 132kV	20/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	2.987	0.000000
Mansar 132kV	20/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	-2.389	0.000000
Mansar 132kV	21/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-1.626	0.000000

Mansar 132kV	21/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Mansar 132kV	21/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-3.312	0.000000
Mansar 132kV	21/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Mansar 132kV	21/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-5.188	0.000000
Mansar 132kV	21/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-3.000	0.000000
Mansar 132kV	21/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Mansar 132kV	21/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.312	0.000000
Mansar 132kV	21/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Mansar 132kV	21/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-3.000	0.000000
Mansar 132kV	21/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	3.000	0.000000
Mansar 132kV	21/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Mansar 132kV	21/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	2.423	0.000000
Mansar 132kV	21/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	3.428	0.000000
Mansar 132kV	21/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Mansar 132kV	21/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-4.563	0.000000
Mansar 132kV	21/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Mansar 132kV	21/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	4.875	0.000000
Mansar 132kV	21/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-3.938	0.000000
Mansar 132kV	21/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-4.250	0.000000
Mansar 132kV	21/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	3.312	0.000000
Mansar 132kV	21/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-5.438	0.000000

Mansar 132kV	21/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-3.398	0.000000
Mansar 132kV	21/01/2020 07:00:00	29	0.0	0.0	11.0	11.0	0.0	0.00	-4.875	0.000000
Mansar 132kV	21/01/2020 07:15:00	30	0.0	0.0	36.0	36.0	0.0	0.00	-8.000	0.000000
Mansar 132kV	21/01/2020 07:30:00	31	0.0	0.0	73.0	73.0	0.0	0.00	3.000	0.000000
Mansar 132kV	21/01/2020 07:45:00	32	0.0	0.0	80.0	80.0	0.0	0.00	1.800	0.000000
Mansar 132kV	21/01/2020 08:00:00	33	0.0	0.0	91.0	91.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 08:15:00	34	0.0	0.0	251.0	251.0	0.0	0.00	3.000	0.000000
Mansar 132kV	21/01/2020 08:30:00	35	0.0	0.0	346.0	346.0	0.0	0.00	2.400	0.000000
Mansar 132kV	21/01/2020 08:45:00	36	0.0	0.0	405.0	405.0	0.0	0.00	1.207	0.000000
Mansar 132kV	21/01/2020 09:00:00	37	0.0	0.0	457.0	457.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 09:15:00	38	0.0	0.0	535.0	535.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 09:30:00	39	0.0	0.0	612.0	612.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 09:45:00	40	0.0	0.0	670.0	670.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 10:00:00	41	0.0	0.0	728.0	728.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 10:15:00	42	0.0	0.0	800.0	800.0	0.0	0.00	1.213	0.000000
Mansar 132kV	21/01/2020 10:30:00	43	0.0	0.0	837.0	837.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 10:45:00	44	0.0	0.0	880.0	880.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 11:00:00	45	0.0	0.0	920.0	920.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 11:15:00	46	0.0	0.0	945.0	945.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 11:30:00	47	0.0	0.0	971.0	971.0	0.0	0.00	-2.240	0.000000
Mansar 132kV	21/01/2020 11:45:00	48	0.0	0.0	988.0	988.0	0.0	0.00	-0.600	0.000000

Mansar 132kV	21/01/2020 12:00:00	49	0.0	0.0	991.0	991.0	0.0	0.00	-3.000	0.000000
Mansar 132kV	21/01/2020 12:15:00	50	0.0	0.0	997.0	997.0	0.0	0.00	-2.400	0.000000
Mansar 132kV	21/01/2020 12:30:00	51	0.0	0.0	990.0	990.0	0.0	0.00	-3.625	0.000000
Mansar 132kV	21/01/2020 12:45:00	52	0.0	0.0	962.0	962.0	0.0	0.00	-3.937	0.000000
Mansar 132kV	21/01/2020 13:00:00	53	0.0	0.0	942.0	942.0	0.0	0.00	-1.152	0.000000
Mansar 132kV	21/01/2020 13:15:00	54	0.0	0.0	848.0	848.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 13:30:00	55	0.0	0.0	912.0	912.0	0.0	0.00	-3.625	0.000000
Mansar 132kV	21/01/2020 13:45:00	56	0.0	0.0	855.0	855.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 14:00:00	57	0.0	0.0	794.0	794.0	0.0	0.00	-2.400	0.000000
Mansar 132kV	21/01/2020 14:15:00	58	0.0	0.0	749.0	749.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 14:30:00	59	0.0	0.0	692.0	692.0	0.0	0.00	-2.531	0.000000
Mansar 132kV	21/01/2020 14:45:00	60	0.0	0.0	616.0	616.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 15:00:00	61	0.0	0.0	536.0	536.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 15:15:00	62	0.0	0.0	485.0	485.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 15:30:00	63	0.0	0.0	411.0	411.0	0.0	0.00	-3.080	0.000000
Mansar 132kV	21/01/2020 15:45:00	64	0.0	0.0	350.0	350.0	0.0	0.00	-3.312	0.000000
Mansar 132kV	21/01/2020 16:00:00	65	0.0	0.0	288.0	288.0	0.0	0.00	-4.250	0.000000
Mansar 132kV	21/01/2020 16:15:00	66	0.0	0.0	220.0	220.0	0.0	0.00	-3.313	0.000000
Mansar 132kV	21/01/2020 16:30:00	67	0.0	0.0	168.0	168.0	0.0	0.00	-3.992	0.000000
Mansar 132kV	21/01/2020 16:45:00	68	0.0	0.0	120.0	120.0	0.0	0.00	-3.312	0.000000
Mansar 132kV	21/01/2020 17:00:00	69	0.0	0.0	62.0	62.0	0.0	0.00	-1.200	0.000000

Mansar 132kV	21/01/2020 17:15:00	70	0.0	0.0	34.0	34.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 17:30:00	71	0.0	0.0	9.0	9.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-0.870	0.000000
Mansar 132kV	21/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-4.563	0.000000
Mansar 132kV	21/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	3.000	0.000000
Mansar 132kV	21/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	1.200	0.000000
Mansar 132kV	21/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	-0.600	0.000000
Mansar 132kV	21/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-1.795	0.000000
Mansar 132kV	21/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	-1.800	0.000000
Mansar 132kV	21/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-1.580	0.000000
Mansar 132kV	21/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-1.200	0.000000
Mansar 132kV	21/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-2.447	0.000000
Mansar 132kV	21/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	-3.625	0.000000

Mansar 132kV	21/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	2.400	0.000000
Mansar 132kV	21/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	2.400	0.000000
Mansar 132kV	21/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Mansar 132kV	21/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-2.400	0.000000
Mansar 132kV	21/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	21/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-0.986	0.000000
Mansar 132kV	22/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-1.163	0.000000
Mansar 132kV	22/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-0.777	0.000000
Mansar 132kV	22/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-0.971	0.000000
Mansar 132kV	22/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-1.767	0.000000
Mansar 132kV	22/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-3.261	0.000000
Mansar 132kV	22/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.577	0.000000
Mansar 132kV	22/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000

Mansar 132kV	22/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	-0.589	0.000000
Mansar 132kV	22/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-2.036	0.000000
Mansar 132kV	22/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-1.090	0.000000
Mansar 132kV	22/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	-0.358	0.000000
Mansar 132kV	22/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-3.577	0.000000
Mansar 132kV	22/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	3.261	0.000000
Mansar 132kV	22/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	0.589	0.000000
Mansar 132kV	22/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-2.945	0.000000
Mansar 132kV	22/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	3.893	0.000000
Mansar 132kV	22/01/2020 07:00:00	29	0.0	0.0	7.0	7.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 07:15:00	30	0.0	0.0	33.0	33.0	0.0	0.00	-2.945	0.000000
Mansar 132kV	22/01/2020 07:30:00	31	0.0	0.0	63.0	63.0	0.0	0.00	0.589	0.000000
Mansar 132kV	22/01/2020 07:45:00	32	0.0	0.0	122.0	122.0	0.0	0.00	0.589	0.000000
Mansar 132kV	22/01/2020 08:00:00	33	0.0	0.0	201.0	201.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 08:15:00	34	0.0	0.0	302.0	302.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 08:30:00	35	0.0	0.0	347.0	347.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 08:45:00	36	0.0	0.0	388.0	388.0	0.0	0.00	-1.178	0.000000

Mansar 132kV	22/01/2020 09:00:00	37	0.0	0.0	458.0	458.0	0.0	0.00	-2.945	0.000000
Mansar 132kV	22/01/2020 09:15:00	38	0.0	0.0	483.0	483.0	0.0	0.00	-3.111	0.000000
Mansar 132kV	22/01/2020 09:30:00	39	0.0	0.0	372.0	372.0	0.0	0.00	-3.616	0.000000
Mansar 132kV	22/01/2020 09:45:00	40	0.0	0.0	540.0	540.0	0.0	0.00	-1.242	0.000000
Mansar 132kV	22/01/2020 10:00:00	41	0.0	0.0	684.0	684.0	0.0	0.00	-1.643	0.000000
Mansar 132kV	22/01/2020 10:15:00	42	0.0	0.0	759.0	759.0	0.0	0.00	-2.306	0.000000
Mansar 132kV	22/01/2020 10:30:00	43	0.0	0.0	679.0	679.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 10:45:00	44	0.0	0.0	867.0	867.0	0.0	0.00	-3.577	0.000000
Mansar 132kV	22/01/2020 11:00:00	45	0.0	0.0	898.0	898.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 11:15:00	46	0.0	0.0	921.0	921.0	0.0	0.00	-1.123	0.000000
Mansar 132kV	22/01/2020 11:30:00	47	0.0	0.0	948.0	948.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 11:45:00	48	0.0	0.0	974.0	974.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 12:00:00	49	0.0	0.0	982.0	982.0	0.0	0.00	-2.356	0.000000
Mansar 132kV	22/01/2020 12:15:00	50	0.0	0.0	971.0	971.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 12:30:00	51	0.0	0.0	971.0	971.0	0.0	0.00	1.178	0.000000
Mansar 132kV	22/01/2020 12:45:00	52	0.0	0.0	969.0	969.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 13:00:00	53	0.0	0.0	941.0	941.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 13:15:00	54	0.0	0.0	904.0	904.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 13:30:00	55	0.0	0.0	866.0	866.0	0.0	0.00	-1.767	0.000000
Mansar 132kV	22/01/2020 13:45:00	56	0.0	0.0	850.0	850.0	0.0	0.00	-2.356	0.000000
Mansar 132kV	22/01/2020 14:00:00	57	0.0	0.0	799.0	799.0	0.0	0.00	3.261	0.000000

Mansar 132kV	22/01/2020 14:15:00	58	0.0	0.0	753.0	753.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 14:30:00	59	0.0	0.0	671.0	671.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 14:45:00	60	0.0	0.0	624.0	624.0	0.0	0.00	-3.577	0.000000
Mansar 132kV	22/01/2020 15:00:00	61	0.0	0.0	574.0	574.0	0.0	0.00	-0.589	0.000000
Mansar 132kV	22/01/2020 15:15:00	62	0.0	0.0	509.0	509.0	0.0	0.00	3.261	0.000000
Mansar 132kV	22/01/2020 15:30:00	63	0.0	0.0	431.0	431.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 15:45:00	64	0.0	0.0	364.0	364.0	0.0	0.00	3.577	0.000000
Mansar 132kV	22/01/2020 16:00:00	65	0.0	0.0	295.0	295.0	0.0	0.00	1.178	0.000000
Mansar 132kV	22/01/2020 16:15:00	66	0.0	0.0	229.0	229.0	0.0	0.00	-4.132	0.000000
Mansar 132kV	22/01/2020 16:30:00	67	0.0	0.0	180.0	180.0	0.0	0.00	-4.209	0.000000
Mansar 132kV	22/01/2020 16:45:00	68	0.0	0.0	124.0	124.0	0.0	0.00	-3.577	0.000000
Mansar 132kV	22/01/2020 17:00:00	69	0.0	0.0	69.0	69.0	0.0	0.00	-1.767	0.000000
Mansar 132kV	22/01/2020 17:15:00	70	0.0	0.0	37.0	37.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 17:30:00	71	0.0	0.0	10.0	10.0	0.0	0.00	-3.261	0.000000
Mansar 132kV	22/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-1.881	0.000000
Mansar 132kV	22/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-2.632	0.000000
Mansar 132kV	22/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000
Mansar 132kV	22/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000

Mansar 132kV	22/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-1.570	0.000000
Mansar 132kV	22/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-2.356	0.000000
Mansar 132kV	22/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	1.767	0.000000
Mansar 132kV	22/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	0.589	0.000000
Mansar 132kV	22/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	2.356	0.000000
Mansar 132kV	22/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-1.178	0.000000
Mansar 132kV	22/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	22/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	2.945	0.000000
Mansar 132kV	23/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	-0.401	0.000000
Mansar 132kV	23/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-0.723	0.000000
Mansar 132kV	23/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.739	0.000000

Mansar 132kV	23/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	2.319	0.000000
Mansar 132kV	23/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Mansar 132kV	23/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Mansar 132kV	23/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Mansar 132kV	23/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000
Mansar 132kV	23/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	2.898	0.000000
Mansar 132kV	23/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Mansar 132kV	23/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-1.739	0.000000
Mansar 132kV	23/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Mansar 132kV	23/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-4.174	0.000000
Mansar 132kV	23/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	-2.318	0.000000
Mansar 132kV	23/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Mansar 132kV	23/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-4.492	0.000000
Mansar 132kV	23/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	4.492	0.000000
Mansar 132kV	23/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	4.174	0.000000
Mansar 132kV	23/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-4.174	0.000000
Mansar 132kV	23/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-3.416	0.000000
Mansar 132kV	23/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-2.388	0.000000
Mansar 132kV	23/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-3.534	0.000000

Mansar 132kV	23/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-5.768	0.000000
Mansar 132kV	23/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	3.536	0.000000
Mansar 132kV	23/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	3.536	0.000000
Mansar 132kV	23/01/2020 07:00:00	29	0.0	0.0	1.0	1.0	0.0	0.00	-1.661	0.000000
Mansar 132kV	23/01/2020 07:15:00	30	0.0	0.0	18.0	18.0	0.0	0.00	3.217	0.000000
Mansar 132kV	23/01/2020 07:30:00	31	0.0	0.0	40.0	40.0	0.0	0.00	3.217	0.000000
Mansar 132kV	23/01/2020 07:45:00	32	0.0	0.0	87.0	87.0	0.0	0.00	-1.159	0.000000
Mansar 132kV	23/01/2020 08:00:00	33	0.0	0.0	131.0	131.0	0.0	0.00	-0.580	0.000000
Mansar 132kV	23/01/2020 08:15:00	34	0.0	0.0	251.0	251.0	0.0	0.00	-0.580	0.000000
Mansar 132kV	23/01/2020 08:30:00	35	0.0	0.0	337.0	337.0	0.0	0.00	-0.580	0.000000
Mansar 132kV	23/01/2020 08:45:00	36	0.0	0.0	272.0	272.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 09:00:00	37	0.0	0.0	235.0	235.0	0.0	0.00	1.159	0.000000
Mansar 132kV	23/01/2020 09:15:00	38	0.0	0.0	458.0	458.0	0.0	0.00	-0.580	0.000000
Mansar 132kV	23/01/2020 09:30:00	39	0.0	0.0	461.0	461.0	0.0	0.00	-1.739	0.000000
Mansar 132kV	23/01/2020 09:45:00	40	0.0	0.0	555.0	555.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 10:00:00	41	0.0	0.0	577.0	577.0	0.0	0.00	-1.159	0.000000
Mansar 132kV	23/01/2020 10:15:00	42	0.0	0.0	767.0	767.0	0.0	0.00	1.159	0.000000
Mansar 132kV	23/01/2020 10:30:00	43	0.0	0.0	830.0	830.0	0.0	0.00	1.159	0.000000
Mansar 132kV	23/01/2020 10:45:00	44	0.0	0.0	870.0	870.0	0.0	0.00	1.739	0.000000
Mansar 132kV	23/01/2020 11:00:00	45	0.0	0.0	906.0	906.0	0.0	0.00	0.000	0.000000

Mansar 132kV	23/01/2020 11:15:00	46	0.0	0.0	922.0	922.0	0.0	0.00	-2.454	0.000000
Mansar 132kV	23/01/2020 11:30:00	47	0.0	0.0	938.0	938.0	0.0	0.00	-1.739	0.000000
Mansar 132kV	23/01/2020 11:45:00	48	0.0	0.0	930.0	930.0	0.0	0.00	-1.159	0.000000
Mansar 132kV	23/01/2020 12:00:00	49	0.0	0.0	831.0	831.0	0.0	0.00	-1.739	0.000000
Mansar 132kV	23/01/2020 12:15:00	50	0.0	0.0	708.0	708.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 12:30:00	51	0.0	0.0	853.0	853.0	0.0	0.00	-1.159	0.000000
Mansar 132kV	23/01/2020 12:45:00	52	0.0	0.0	715.0	715.0	0.0	0.00	-0.580	0.000000
Mansar 132kV	23/01/2020 13:00:00	53	0.0	0.0	868.0	868.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 13:15:00	54	0.0	0.0	868.0	868.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 13:30:00	55	0.0	0.0	847.0	847.0	0.0	0.00	3.217	0.000000
Mansar 132kV	23/01/2020 13:45:00	56	0.0	0.0	834.0	834.0	0.0	0.00	2.318	0.000000
Mansar 132kV	23/01/2020 14:00:00	57	0.0	0.0	796.0	796.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 14:15:00	58	0.0	0.0	738.0	738.0	0.0	0.00	2.319	0.000000
Mansar 132kV	23/01/2020 14:30:00	59	0.0	0.0	613.0	613.0	0.0	0.00	-4.811	0.000000
Mansar 132kV	23/01/2020 14:45:00	60	0.0	0.0	435.0	435.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 15:00:00	61	0.0	0.0	622.0	622.0	0.0	0.00	-1.495	0.000000
Mansar 132kV	23/01/2020 15:15:00	62	0.0	0.0	489.0	489.0	0.0	0.00	-3.946	0.000000
Mansar 132kV	23/01/2020 15:30:00	63	0.0	0.0	349.0	349.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	23/01/2020 15:45:00	64	0.0	0.0	348.0	348.0	0.0	0.00	6.087	0.000000
Mansar 132kV	23/01/2020 16:00:00	65	0.0	0.0	297.0	297.0	0.0	0.00	2.319	0.000000
Mansar 132kV	23/01/2020 16:15:00	66	0.0	0.0	224.0	224.0	0.0	0.00	-3.073	0.000000

Mansar 132kV	23/01/2020 16:30:00	67	0.0	0.0	169.0	169.0	0.0	0.00	-6.406	0.000000
Mansar 132kV	23/01/2020 16:45:00	68	0.0	0.0	130.0	130.0	0.0	0.00	-5.449	0.000000
Mansar 132kV	23/01/2020 17:00:00	69	0.0	0.0	70.0	70.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 17:15:00	70	0.0	0.0	33.0	33.0	0.0	0.00	-2.319	0.000000
Mansar 132kV	23/01/2020 17:30:00	71	0.0	0.0	9.0	9.0	0.0	0.00	-2.853	0.000000
Mansar 132kV	23/01/2020 17:45:00	72	1250.0	90.0	0.0	-90.0	7.2	0.00	-1.169	0.000000
Mansar 132kV	23/01/2020 18:00:00	73	1250.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	23/01/2020 18:15:00	74	1250.0	0.0	0.0	0.0	0.0	0.00	-2.082	0.000000
Mansar 132kV	23/01/2020 18:30:00	75	1250.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Mansar 132kV	23/01/2020 18:45:00	76	1250.0	0.0	0.0	0.0	0.0	0.00	4.811	0.000000
Mansar 132kV	23/01/2020 19:00:00	77	1250.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000
Mansar 132kV	23/01/2020 19:15:00	78	1250.0	0.0	0.0	0.0	0.0	0.00	-4.492	0.000000
Mansar 132kV	23/01/2020 19:30:00	79	1250.0	0.0	0.0	0.0	0.0	0.00	-0.379	0.000000
Mansar 132kV	23/01/2020 19:45:00	80	1250.0	0.0	0.0	0.0	0.0	0.00	-0.836	0.000000
Mansar 132kV	23/01/2020 20:00:00	81	1250.0	0.0	0.0	0.0	0.0	0.00	-1.670	0.000000
Mansar 132kV	23/01/2020 20:15:00	82	1250.0	0.0	0.0	0.0	0.0	0.00	-4.952	0.000000
Mansar 132kV	23/01/2020 20:30:00	83	1250.0	0.0	0.0	0.0	0.0	0.00	6.087	0.000000
Mansar 132kV	23/01/2020 20:45:00	84	1250.0	0.0	0.0	0.0	0.0	0.00	5.449	0.000000
Mansar 132kV	23/01/2020 21:00:00	85	1250.0	0.0	0.0	0.0	0.0	0.00	2.318	0.000000
Mansar 132kV	23/01/2020 21:15:00	86	1250.0	0.0	0.0	0.0	0.0	0.00	3.217	0.000000
Mansar 132kV	23/01/2020 21:30:00	87	1250.0	0.0	0.0	0.0	0.0	0.00	1.739	0.000000

Mansar 132kV	23/01/2020 21:45:00	88	1250.0	0.0	0.0	0.0	0.0	0.00	1.159	0.000000
Mansar 132kV	23/01/2020 22:00:00	89	1250.0	0.0	0.0	0.0	0.0	0.00	-3.855	0.000000
Mansar 132kV	23/01/2020 22:15:00	90	1250.0	0.0	0.0	0.0	0.0	0.00	-2.898	0.000000
Mansar 132kV	23/01/2020 22:30:00	91	1250.0	0.0	0.0	0.0	0.0	0.00	-3.217	0.000000
Mansar 132kV	23/01/2020 22:45:00	92	1250.0	0.0	0.0	0.0	0.0	0.00	-1.784	0.000000
Mansar 132kV	23/01/2020 23:00:00	93	1250.0	0.0	0.0	0.0	0.0	0.00	-1.254	0.000000
Mansar 132kV	23/01/2020 23:15:00	94	1250.0	0.0	0.0	0.0	0.0	0.00	-2.775	0.000000
Mansar 132kV	23/01/2020 23:30:00	95	1250.0	0.0	0.0	0.0	0.0	0.00	-1.169	0.000000
Mansar 132kV	23/01/2020 23:45:00	96	1250.0	0.0	0.0	0.0	0.0	0.00	-0.836	0.000000
Mansar 132kV	24/01/2020 00:00:00	1	1250.0	0.0	0.0	0.0	0.0	0.00	-1.179	0.000000
Mansar 132kV	24/01/2020 00:15:00	2	1250.0	0.0	0.0	0.0	0.0	0.00	-1.658	0.000000
Mansar 132kV	24/01/2020 00:30:00	3	1250.0	0.0	0.0	0.0	0.0	0.00	-4.216	0.000000
Mansar 132kV	24/01/2020 00:45:00	4	1250.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Mansar 132kV	24/01/2020 01:00:00	5	1250.0	0.0	0.0	0.0	0.0	0.00	-3.015	0.000000
Mansar 132kV	24/01/2020 01:15:00	6	1250.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Mansar 132kV	24/01/2020 01:30:00	7	1250.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Mansar 132kV	24/01/2020 01:45:00	8	1250.0	0.0	0.0	0.0	0.0	0.00	-1.809	0.000000
Mansar 132kV	24/01/2020 02:00:00	9	1250.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Mansar 132kV	24/01/2020 02:15:00	10	1250.0	0.0	0.0	0.0	0.0	0.00	-1.206	0.000000
Mansar 132kV	24/01/2020 02:30:00	11	1250.0	0.0	0.0	0.0	0.0	0.00	3.327	0.000000
Mansar 132kV	24/01/2020 02:45:00	12	1250.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000

Mansar 132kV	24/01/2020 03:00:00	13	1250.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 03:15:00	14	1250.0	0.0	0.0	0.0	0.0	0.00	3.950	0.000000
Mansar 132kV	24/01/2020 03:30:00	15	1250.0	0.0	0.0	0.0	0.0	0.00	3.638	0.000000
Mansar 132kV	24/01/2020 03:45:00	16	1250.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 04:00:00	17	1250.0	0.0	0.0	0.0	0.0	0.00	4.885	0.000000
Mansar 132kV	24/01/2020 04:15:00	18	1250.0	0.0	0.0	0.0	0.0	0.00	5.196	0.000000
Mansar 132kV	24/01/2020 04:30:00	19	1250.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 04:45:00	20	1250.0	0.0	0.0	0.0	0.0	0.00	-1.809	0.000000
Mansar 132kV	24/01/2020 05:00:00	21	1250.0	0.0	0.0	0.0	0.0	0.00	-1.588	0.000000
Mansar 132kV	24/01/2020 05:15:00	22	1250.0	0.0	0.0	0.0	0.0	0.00	-2.303	0.000000
Mansar 132kV	24/01/2020 05:30:00	23	1250.0	0.0	0.0	0.0	0.0	0.00	-4.261	0.000000
Mansar 132kV	24/01/2020 05:45:00	24	1250.0	0.0	0.0	0.0	0.0	0.00	2.412	0.000000
Mansar 132kV	24/01/2020 06:00:00	25	1250.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Mansar 132kV	24/01/2020 06:15:00	26	1250.0	0.0	0.0	0.0	0.0	0.00	1.809	0.000000
Mansar 132kV	24/01/2020 06:30:00	27	1250.0	0.0	0.0	0.0	0.0	0.00	4.885	0.000000
Mansar 132kV	24/01/2020 06:45:00	28	1250.0	0.0	0.0	0.0	0.0	0.00	-6.442	0.000000
Mansar 132kV	24/01/2020 07:00:00	29	1250.0	15.0	9.0	-6.0	0.48	0.00	4.262	0.000000
Mansar 132kV	24/01/2020 07:15:00	30	1250.0	20.0	39.0	19.0	1.52	0.00	-4.261	0.000000
Mansar 132kV	24/01/2020 07:30:00	31	1250.0	72.5	93.0	20.5	1.64	0.00	-2.412	-3.401944
Mansar 132kV	24/01/2020 07:45:00	32	1250.0	122.5	160.0	37.5	3.0	0.00	-1.206	-7.036721
Mansar 132kV	24/01/2020 08:00:00	33	1250.0	175.0	236.0	61.0	4.88	0.00	-1.206	-10.266052

Mansar 132kV	24/01/2020 08:15:00	34	1250.0	225.0	325.0	100.0	8.0	0.00	-2.834	-48.156037
Mansar 132kV	24/01/2020 08:30:00	35	1250.0	295.0	413.0	118.0	9.44	0.00	-0.596	-9.358001
Mansar 132kV	24/01/2020 08:45:00	36	1250.0	362.5	497.0	134.5	10.76	0.00	-1.206	-10.837344
Mansar 132kV	24/01/2020 09:00:00	37	1250.0	430.0	585.0	155.0	12.4	0.00	-2.412	-14.748017
Mansar 132kV	24/01/2020 09:15:00	38	1250.0	500.0	666.0	166.0	13.28	0.00	-2.892	-44.870868
Mansar 132kV	24/01/2020 09:30:00	39	1250.0	560.0	740.0	180.0	14.4	0.00	-2.487	-58.322742
Mansar 132kV	24/01/2020 09:45:00	40	1250.0	620.0	805.0	185.0	14.8	0.00	-1.809	-22.020208
Mansar 132kV	24/01/2020 10:00:00	41	1250.0	680.0	867.0	187.0	14.96	0.00	-2.119	-33.460531
Mansar 132kV	24/01/2020 10:15:00	42	1250.0	740.0	921.0	181.0	14.48	0.00	-3.638	-33.319380
Mansar 132kV	24/01/2020 10:30:00	43	1250.0	782.5	963.0	180.5	14.44	0.00	-3.950	-9.710291
Mansar 132kV	24/01/2020 10:45:00	44	1250.0	825.0	1002.0	177.0	14.16	0.00	-3.638	-0.719177
Mansar 132kV	24/01/2020 11:00:00	45	1250.0	867.5	1018.0	150.5	12.04	0.00	-5.196	-14.223773
Mansar 132kV	24/01/2020 11:15:00	46	1250.0	910.0	1047.0	137.0	10.96	0.00	-6.754	-57.637656
Mansar 132kV	24/01/2020 11:30:00	47	1250.0	930.0	1068.0	138.0	11.04	0.00	-4.885	-43.642175
Mansar 132kV	24/01/2020 11:45:00	48	1250.0	950.0	1062.0	112.0	8.96	0.00	-3.638	-9.263157
Mansar 132kV	24/01/2020 12:00:00	49	1250.0	970.0	1081.0	111.0	8.88	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 12:15:00	50	1250.0	990.0	1081.0	91.0	7.28	0.00	-3.950	-0.468551
Mansar 132kV	24/01/2020 12:30:00	51	1250.0	985.0	1072.0	87.0	6.96	0.00	3.638	0.000000
Mansar 132kV	24/01/2020 12:45:00	52	1250.0	982.5	1060.0	77.5	6.2	0.00	-1.809	-1.675849
Mansar 132kV	24/01/2020 13:00:00	53	1250.0	980.0	1043.0	63.0	5.04	0.00	0.000	0.000000
Mansar 132kV	24/01/2020 13:15:00	54	1250.0	975.0	1008.0	33.0	2.64	0.00	1.206	0.000000

Mansar 132kV	24/01/2020 13:30:00	55	1250.0	952.5	979.0	26.5	2.12	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 13:45:00	56	1250.0	930.0	942.0	12.0	0.96	0.00	0.603	0.000000
Mansar 132kV	24/01/2020 14:00:00	57	1250.0	907.5	901.0	-6.5	0.52	0.00	-1.809	0.000000
Mansar 132kV	24/01/2020 14:15:00	58	1250.0	882.5	854.0	-28.5	2.28	0.00	3.950	0.000000
Mansar 132kV	24/01/2020 14:30:00	59	1250.0	837.5	800.0	-37.5	3.0	0.00	3.638	0.000000
Mansar 132kV	24/01/2020 14:45:00	60	1250.0	792.5	744.0	-48.5	3.88	0.00	-2.412	0.000000
Mansar 132kV	24/01/2020 15:00:00	61	1250.0	750.0	663.0	-87.0	6.96	0.00	-1.206	0.000000
Mansar 132kV	24/01/2020 15:15:00	62	1250.0	705.0	574.0	-131.0	10.48	0.00	-3.950	0.000000
Mansar 132kV	24/01/2020 15:30:00	63	1250.0	642.5	489.0	-153.5	12.28	0.00	-4.885	0.000000
Mansar 132kV	24/01/2020 15:45:00	64	1250.0	580.0	403.0	-177.0	14.16	0.00	-4.261	0.000000
Mansar 132kV	24/01/2020 16:00:00	65	1250.0	517.5	318.0	-199.5	15.96	6.00	-0.845	0.000000
Mansar 132kV	24/01/2020 16:15:00	66	1250.0	457.5	239.0	-218.5	17.48	15.50	-4.536	0.000000
Mansar 132kV	24/01/2020 16:30:00	67	1250.0	387.5	165.0	-222.5	17.8	17.50	-4.010	0.000000
Mansar 132kV	24/01/2020 16:45:00	68	1250.0	320.0	101.0	-219.0	17.52	15.75	-6.442	0.000000
Mansar 132kV	24/01/2020 17:00:00	69	1250.0	250.0	55.0	-195.0	15.6	3.75	-3.950	0.000000
Mansar 132kV	24/01/2020 17:15:00	70	1250.0	182.5	37.0	-145.5	11.64	0.00	-3.327	0.000000
Mansar 132kV	24/01/2020 17:30:00	71	1250.0	140.0	14.0	-126.0	10.08	0.00	-3.327	0.000000
Mansar 132kV	24/01/2020 17:45:00	72	1250.0	95.0	0.0	-95.0	7.6	0.00	-0.967	0.000000
Mansar 132kV	24/01/2020 18:00:00	73	1250.0	0.0	0.0	0.0	0.0	0.00	-0.453	0.000000
Mansar 132kV	24/01/2020 18:15:00	74	1250.0	0.0	0.0	0.0	0.0	0.00	-1.841	0.000000
Mansar 132kV	24/01/2020 18:30:00	75	1250.0	0.0	0.0	0.0	0.0	0.00	-3.253	0.000000

Mansar 132kV	24/01/2020 18:45:00	76	1250.0	0.0	0.0	0.0	0.0	0.00	3.015	0.000000
Mansar 132kV	24/01/2020 19:00:00	77	1250.0	0.0	0.0	0.0	0.0	0.00	2.412	0.000000
Mansar 132kV	24/01/2020 19:15:00	78	1250.0	0.0	0.0	0.0	0.0	0.00	-3.327	0.000000
Mansar 132kV	24/01/2020 19:30:00	79	1250.0	0.0	0.0	0.0	0.0	0.00	-2.819	0.000000
Mansar 132kV	24/01/2020 19:45:00	80	1250.0	0.0	0.0	0.0	0.0	0.00	-3.185	0.000000
Mansar 132kV	24/01/2020 20:00:00	81	1250.0	0.0	0.0	0.0	0.0	0.00	-1.652	0.000000
Mansar 132kV	24/01/2020 20:15:00	82	1250.0	0.0	0.0	0.0	0.0	0.00	-3.758	0.000000
Mansar 132kV	24/01/2020 20:30:00	83	1250.0	0.0	0.0	0.0	0.0	0.00	-5.819	0.000000
Mansar 132kV	24/01/2020 20:45:00	84	1250.0	0.0	0.0	0.0	0.0	0.00	6.131	0.000000
Mansar 132kV	24/01/2020 21:00:00	85	1250.0	0.0	0.0	0.0	0.0	0.00	-6.442	0.000000
Mansar 132kV	24/01/2020 21:15:00	86	1250.0	0.0	0.0	0.0	0.0	0.00	-3.950	0.000000
Mansar 132kV	24/01/2020 21:30:00	87	1250.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Mansar 132kV	24/01/2020 21:45:00	88	1250.0	0.0	0.0	0.0	0.0	0.00	-2.412	0.000000
Mansar 132kV	24/01/2020 22:00:00	89	1250.0	0.0	0.0	0.0	0.0	0.00	-4.573	0.000000
Mansar 132kV	24/01/2020 22:15:00	90	1250.0	0.0	0.0	0.0	0.0	0.00	3.950	0.000000
Mansar 132kV	24/01/2020 22:30:00	91	1250.0	0.0	0.0	0.0	0.0	0.00	3.638	0.000000
Mansar 132kV	24/01/2020 22:45:00	92	1250.0	0.0	0.0	0.0	0.0	0.00	-4.262	0.000000
Mansar 132kV	24/01/2020 23:00:00	93	1250.0	0.0	0.0	0.0	0.0	0.00	-5.508	0.000000
Mansar 132kV	24/01/2020 23:15:00	94	1250.0	0.0	0.0	0.0	0.0	0.00	-3.638	0.000000
Mansar 132kV	24/01/2020 23:30:00	95	1250.0	0.0	0.0	0.0	0.0	0.00	-3.015	0.000000
Mansar 132kV	24/01/2020 23:45:00	96	1250.0	0.0	0.0	0.0	0.0	0.00	-3.950	0.000000

Mansar 132kV	25/01/2020 00:00:00	1	1250.0	0.0	0.0	0.0	0.0	0.00	-5.257	0.000000
Mansar 132kV	25/01/2020 00:15:00	2	1250.0	0.0	0.0	0.0	0.0	0.00	-7.689	0.000000
Mansar 132kV	25/01/2020 00:30:00	3	1250.0	0.0	0.0	0.0	0.0	0.00	-6.443	0.000000
Mansar 132kV	25/01/2020 00:45:00	4	1250.0	0.0	0.0	0.0	0.0	0.00	-6.443	0.000000
Mansar 132kV	25/01/2020 01:00:00	5	1250.0	0.0	0.0	0.0	0.0	0.00	-3.640	0.000000
Mansar 132kV	25/01/2020 01:15:00	6	1250.0	0.0	0.0	0.0	0.0	0.00	-3.637	0.000000
Mansar 132kV	25/01/2020 01:30:00	7	1250.0	0.0	0.0	0.0	0.0	0.00	-2.346	0.000000
Mansar 132kV	25/01/2020 01:45:00	8	1250.0	0.0	0.0	0.0	0.0	0.00	-1.755	0.000000
Mansar 132kV	25/01/2020 02:00:00	9	1250.0	0.0	0.0	0.0	0.0	0.00	-1.811	0.000000
Mansar 132kV	25/01/2020 02:15:00	10	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 02:30:00	11	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 02:45:00	12	1250.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 03:00:00	13	1250.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 03:15:00	14	1250.0	0.0	0.0	0.0	0.0	0.00	-3.018	0.000000
Mansar 132kV	25/01/2020 03:30:00	15	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 03:45:00	16	1250.0	0.0	0.0	0.0	0.0	0.00	-1.811	0.000000
Mansar 132kV	25/01/2020 04:00:00	17	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 04:15:00	18	1250.0	0.0	0.0	0.0	0.0	0.00	-0.603	0.000000
Mansar 132kV	25/01/2020 04:30:00	19	1250.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	25/01/2020 04:45:00	20	1250.0	0.0	0.0	0.0	0.0	0.00	1.810	0.000000
Mansar 132kV	25/01/2020 05:00:00	21	1250.0	0.0	0.0	0.0	0.0	0.00	3.647	0.000000

Mansar 132kV	25/01/2020 05:15:00	22	1250.0	0.0	0.0	0.0	0.0	0.00	4.953	0.000000
Mansar 132kV	25/01/2020 05:30:00	23	1250.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Mansar 132kV	25/01/2020 05:45:00	24	1250.0	0.0	0.0	0.0	0.0	0.00	-4.575	0.000000
Mansar 132kV	25/01/2020 06:00:00	25	1250.0	0.0	0.0	0.0	0.0	0.00	-2.678	0.000000
Mansar 132kV	25/01/2020 06:15:00	26	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 06:30:00	27	1250.0	0.0	0.0	0.0	0.0	0.00	-1.810	0.000000
Mansar 132kV	25/01/2020 06:45:00	28	1250.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	25/01/2020 07:00:00	29	1250.0	15.0	15.0	0.0	0.0	0.00	-1.170	0.000000
Mansar 132kV	25/01/2020 07:15:00	30	1250.0	20.0	41.0	21.0	1.68	0.00	5.820	0.000000
Mansar 132kV	25/01/2020 07:30:00	31	1250.0	72.5	82.0	9.5	0.76	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 07:45:00	32	1250.0	122.5	173.0	50.5	4.04	0.00	3.952	0.000000
Mansar 132kV	25/01/2020 08:00:00	33	1250.0	175.0	250.0	75.0	6.0	0.00	-1.207	-17.658691
Mansar 132kV	25/01/2020 08:15:00	34	1250.0	225.0	335.0	110.0	8.8	0.00	-1.810	-8.152575
Mansar 132kV	25/01/2020 08:30:00	35	1250.0	295.0	416.0	121.0	9.68	0.00	1.811	0.000000
Mansar 132kV	25/01/2020 08:45:00	36	1250.0	362.5	501.0	138.5	11.08	0.00	0.604	0.000000
Mansar 132kV	25/01/2020 09:00:00	37	1250.0	430.0	583.0	153.0	12.24	0.00	4.575	0.000000
Mansar 132kV	25/01/2020 09:15:00	38	1250.0	500.0	659.0	159.0	12.72	0.00	-3.640	-8.413278
Mansar 132kV	25/01/2020 09:30:00	39	1250.0	560.0	734.0	174.0	13.92	0.00	0.603	0.000000
Mansar 132kV	25/01/2020 09:45:00	40	1250.0	620.0	805.0	185.0	14.8	0.00	-3.329	-25.831633
Mansar 132kV	25/01/2020 10:00:00	41	1250.0	680.0	861.0	181.0	14.48	0.00	-5.197	-72.425350
Mansar 132kV	25/01/2020 10:15:00	42	1250.0	740.0	912.0	172.0	13.76	0.00	-5.509	-49.607143

Mansar 132kV	25/01/2020 10:30:00	43	1250.0	782.5	951.0	168.5	13.48	0.00	-3.018	-19.531948
Mansar 132kV	25/01/2020 10:45:00	44	1250.0	825.0	995.0	170.0	13.6	0.00	-3.952	-15.860648
Mansar 132kV	25/01/2020 11:00:00	45	1250.0	867.5	1015.0	147.5	11.8	0.00	-3.680	-45.846497
Mansar 132kV	25/01/2020 11:15:00	46	1250.0	910.0	1044.0	134.0	10.72	0.00	-5.509	-35.224566
Mansar 132kV	25/01/2020 11:30:00	47	1250.0	930.0	1069.0	139.0	11.12	0.00	-3.815	-42.619759
Mansar 132kV	25/01/2020 11:45:00	48	1250.0	950.0	1076.0	126.0	10.08	0.00	-3.017	-2.793953
Mansar 132kV	25/01/2020 12:00:00	49	1250.0	970.0	1090.0	120.0	9.6	0.00	4.886	0.000000
Mansar 132kV	25/01/2020 12:15:00	50	1250.0	990.0	1092.0	102.0	8.16	0.00	5.459	0.000000
Mansar 132kV	25/01/2020 12:30:00	51	1250.0	985.0	1080.0	95.0	7.6	0.00	3.018	0.000000
Mansar 132kV	25/01/2020 12:45:00	52	1250.0	982.5	1071.0	88.5	7.08	0.00	-1.810	-7.218477
Mansar 132kV	25/01/2020 13:00:00	53	1250.0	980.0	1062.0	82.0	6.56	0.00	-0.489	-3.325888
Mansar 132kV	25/01/2020 13:15:00	54	1250.0	975.0	1022.0	47.0	3.76	0.00	-3.017	-8.637977
Mansar 132kV	25/01/2020 13:30:00	55	1250.0	952.5	994.0	41.5	3.32	0.00	4.263	0.000000
Mansar 132kV	25/01/2020 13:45:00	56	1250.0	930.0	960.0	30.0	2.4	0.00	2.414	0.000000
Mansar 132kV	25/01/2020 14:00:00	57	1250.0	907.5	964.0	56.5	4.52	0.00	1.207	0.000000
Mansar 132kV	25/01/2020 14:15:00	58	1250.0	882.5	877.0	-5.5	0.44	0.00	3.329	0.000000
Mansar 132kV	25/01/2020 14:30:00	59	1250.0	837.5	827.0	-10.5	0.84	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 14:45:00	60	1250.0	792.5	751.0	-41.5	3.32	0.00	-3.018	0.000000
Mansar 132kV	25/01/2020 15:00:00	61	1250.0	750.0	425.0	-325.0	26.0	75.00	-1.811	0.000000
Mansar 132kV	25/01/2020 15:15:00	62	1250.0	705.0	519.0	-186.0	14.88	0.00	-3.640	0.000000
Mansar 132kV	25/01/2020 15:30:00	63	1250.0	642.5	447.0	-195.5	15.64	4.00	1.810	0.000000

Mansar 132kV	25/01/2020 15:45:00	64	1250.0	580.0	521.0	-59.0	4.72	0.00	-3.017	0.000000
Mansar 132kV	25/01/2020 16:00:00	65	1250.0	517.5	365.0	-152.5	12.2	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 16:15:00	66	1250.0	457.5	230.0	-227.5	18.2	20.00	-5.820	0.000000
Mansar 132kV	25/01/2020 16:30:00	67	1250.0	387.5	148.0	-239.5	19.16	26.00	-5.197	0.000000
Mansar 132kV	25/01/2020 16:45:00	68	1250.0	320.0	106.0	-214.0	17.12	13.25	16.000	0.000000
Mansar 132kV	25/01/2020 17:00:00	69	1250.0	250.0	58.0	-192.0	15.36	2.25	-4.886	0.000000
Mansar 132kV	25/01/2020 17:15:00	70	1250.0	182.5	33.0	-149.5	11.96	0.00	-3.640	0.000000
Mansar 132kV	25/01/2020 17:30:00	71	1250.0	140.0	11.0	-129.0	10.32	0.00	-4.263	0.000000
Mansar 132kV	25/01/2020 17:45:00	72	1250.0	95.0	0.0	-95.0	7.6	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 18:00:00	73	1250.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Mansar 132kV	25/01/2020 18:15:00	74	1250.0	0.0	0.0	0.0	0.0	0.00	-8.000	0.000000
Mansar 132kV	25/01/2020 18:30:00	75	1250.0	0.0	0.0	0.0	0.0	0.00	-7.377	0.000000
Mansar 132kV	25/01/2020 18:45:00	76	1250.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 19:00:00	77	1250.0	0.0	0.0	0.0	0.0	0.00	1.207	0.000000
Mansar 132kV	25/01/2020 19:15:00	78	1250.0	0.0	0.0	0.0	0.0	0.00	-3.640	0.000000
Mansar 132kV	25/01/2020 19:30:00	79	1250.0	0.0	0.0	0.0	0.0	0.00	-2.033	0.000000
Mansar 132kV	25/01/2020 19:45:00	80	1250.0	0.0	0.0	0.0	0.0	0.00	-0.376	0.000000
Mansar 132kV	25/01/2020 20:00:00	81	1250.0	0.0	0.0	0.0	0.0	0.00	-1.582	0.000000
Mansar 132kV	25/01/2020 20:15:00	82	1250.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Mansar 132kV	25/01/2020 20:30:00	83	1250.0	0.0	0.0	0.0	0.0	0.00	3.329	0.000000
Mansar 132kV	25/01/2020 20:45:00	84	1250.0	0.0	0.0	0.0	0.0	0.00	3.329	0.000000

Mansar 132kV	25/01/2020 21:00:00	85	1250.0	0.0	0.0	0.0	0.0	0.00	4.886	0.000000
Mansar 132kV	25/01/2020 21:15:00	86	1250.0	0.0	0.0	0.0	0.0	0.00	-1.810	0.000000
Mansar 132kV	25/01/2020 21:30:00	87	1250.0	0.0	0.0	0.0	0.0	0.00	1.811	0.000000
Mansar 132kV	25/01/2020 21:45:00	88	1250.0	0.0	0.0	0.0	0.0	0.00	0.604	0.000000
Mansar 132kV	25/01/2020 22:00:00	89	1250.0	0.0	0.0	0.0	0.0	0.00	-4.886	0.000000
Mansar 132kV	25/01/2020 22:15:00	90	1250.0	0.0	0.0	0.0	0.0	0.00	4.574	0.000000
Mansar 132kV	25/01/2020 22:30:00	91	1250.0	0.0	0.0	0.0	0.0	0.00	3.640	0.000000
Mansar 132kV	25/01/2020 22:45:00	92	1250.0	0.0	0.0	0.0	0.0	0.00	-2.414	0.000000
Mansar 132kV	25/01/2020 23:00:00	93	1250.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Mansar 132kV	25/01/2020 23:15:00	94	1250.0	0.0	0.0	0.0	0.0	0.00	-3.329	0.000000
Mansar 132kV	25/01/2020 23:30:00	95	1250.0	0.0	0.0	0.0	0.0	0.00	-3.952	0.000000
Mansar 132kV	25/01/2020 23:45:00	96	1250.0	0.0	0.0	0.0	0.0	0.00	-3.018	0.000000
Mansar 132kV	26/01/2020 00:00:00	1	1250.0	0.0	0.0	0.0	0.0	0.00	-4.511	0.000000
Mansar 132kV	26/01/2020 00:15:00	2	1250.0	0.0	0.0	0.0	0.0	0.00	-3.010	0.000000
Mansar 132kV	26/01/2020 00:30:00	3	1250.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Mansar 132kV	26/01/2020 00:45:00	4	1250.0	0.0	0.0	0.0	0.0	0.00	-2.733	0.000000
Mansar 132kV	26/01/2020 01:00:00	5	1250.0	0.0	0.0	0.0	0.0	0.00	-4.708	0.000000
Mansar 132kV	26/01/2020 01:15:00	6	1250.0	0.0	0.0	0.0	0.0	0.00	-5.367	0.000000
Mansar 132kV	26/01/2020 01:30:00	7	1250.0	0.0	0.0	0.0	0.0	0.00	-5.367	0.000000
Mansar 132kV	26/01/2020 01:45:00	8	1250.0	0.0	0.0	0.0	0.0	0.00	-1.640	0.000000
Mansar 132kV	26/01/2020 02:00:00	9	1250.0	0.0	0.0	0.0	0.0	0.00	-3.063	0.000000

Mansar 132kV	26/01/2020 02:15:00	10	1250.0	0.0	0.0	0.0	0.0	0.00	-2.187	0.000000
Mansar 132kV	26/01/2020 02:30:00	11	1250.0	0.0	0.0	0.0	0.0	0.00	-1.640	0.000000
Mansar 132kV	26/01/2020 02:45:00	12	1250.0	0.0	0.0	0.0	0.0	0.00	1.640	0.000000
Mansar 132kV	26/01/2020 03:00:00	13	1250.0	0.0	0.0	0.0	0.0	0.00	-3.392	0.000000
Mansar 132kV	26/01/2020 03:15:00	14	1250.0	0.0	0.0	0.0	0.0	0.00	3.062	0.000000
Mansar 132kV	26/01/2020 03:30:00	15	1250.0	0.0	0.0	0.0	0.0	0.00	3.063	0.000000
Mansar 132kV	26/01/2020 03:45:00	16	1250.0	0.0	0.0	0.0	0.0	0.00	2.733	0.000000
Mansar 132kV	26/01/2020 04:00:00	17	1250.0	0.0	0.0	0.0	0.0	0.00	3.721	0.000000
Mansar 132kV	26/01/2020 04:15:00	18	1250.0	0.0	0.0	0.0	0.0	0.00	1.640	0.000000
Mansar 132kV	26/01/2020 04:30:00	19	1250.0	0.0	0.0	0.0	0.0	0.00	2.755	0.000000
Mansar 132kV	26/01/2020 04:45:00	20	1250.0	0.0	0.0	0.0	0.0	0.00	2.477	0.000000
Mansar 132kV	26/01/2020 05:00:00	21	1250.0	0.0	0.0	0.0	0.0	0.00	-3.392	0.000000
Mansar 132kV	26/01/2020 05:15:00	22	1250.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Mansar 132kV	26/01/2020 05:30:00	23	1250.0	0.0	0.0	0.0	0.0	0.00	-3.879	0.000000
Mansar 132kV	26/01/2020 05:45:00	24	1250.0	0.0	0.0	0.0	0.0	0.00	-4.820	0.000000
Mansar 132kV	26/01/2020 06:00:00	25	1250.0	0.0	0.0	0.0	0.0	0.00	-5.696	0.000000
Mansar 132kV	26/01/2020 06:15:00	26	1250.0	0.0	0.0	0.0	0.0	0.00	-1.649	0.000000
Mansar 132kV	26/01/2020 06:30:00	27	1250.0	0.0	0.0	0.0	0.0	0.00	-1.859	0.000000
Mansar 132kV	26/01/2020 06:45:00	28	1250.0	0.0	0.0	0.0	0.0	0.00	-2.739	0.000000
Mansar 132kV	26/01/2020 07:00:00	29	1250.0	15.01	15.0	-0.01	0.0	0.00	-1.494	0.000000
Mansar 132kV	26/01/2020 07:15:00	30	1250.0	20.01	46.0	25.99	2.08	0.00	-1.093	0.000000

Mansar 132kV	26/01/2020 07:30:00	31	1250.0	72.55	109.0	36.45	2.92	0.00	-1.093	0.000000
Mansar 132kV	26/01/2020 07:45:00	32	1250.0	122.59	191.0	68.41	5.47	0.00	-0.838	-16.994395
Mansar 132kV	26/01/2020 08:00:00	33	1250.0	175.12	276.0	100.88	8.07	0.00	-0.244	-12.036349
Mansar 132kV	26/01/2020 08:15:00	34	1250.0	225.16	364.0	138.84	11.11	0.00	-0.783	-39.308340
Mansar 132kV	26/01/2020 08:30:00	35	1250.0	295.21	450.0	154.79	12.38	0.00	-0.531	-23.428462
Mansar 132kV	26/01/2020 08:45:00	36	1250.0	362.75	537.0	174.25	13.94	0.00	-0.366	-10.983306
Mansar 132kV	26/01/2020 09:00:00	37	1250.0	430.3	623.0	192.7	15.42	2.60	-1.999	-67.850654
Mansar 132kV	26/01/2020 09:15:00	38	1250.0	500.35	703.0	202.65	16.21	7.58	-3.721	-55.258066
Mansar 132kV	26/01/2020 09:30:00	39	1250.0	560.39	774.0	213.61	17.09	13.06	-5.696	-1.063696
Mansar 132kV	26/01/2020 09:45:00	40	1250.0	620.43	842.0	221.57	17.73	17.04	4.379	0.000000
Mansar 132kV	26/01/2020 10:00:00	41	1250.0	680.48	899.0	218.52	17.48	15.51	5.696	0.000000
Mansar 132kV	26/01/2020 10:15:00	42	1250.0	740.52	951.0	210.48	16.84	11.49	7.671	0.000000
Mansar 132kV	26/01/2020 10:30:00	43	1250.0	783.05	994.0	210.95	16.88	11.73	-4.050	-10.587560
Mansar 132kV	26/01/2020 10:45:00	44	1250.0	825.58	1028.0	202.42	16.19	7.46	-3.063	-22.513133
Mansar 132kV	26/01/2020 11:00:00	45	1250.0	868.11	1059.0	190.89	15.27	1.70	-3.063	-19.778721
Mansar 132kV	26/01/2020 11:15:00	46	1250.0	910.64	1084.0	173.36	13.87	0.00	4.050	0.000000
Mansar 132kV	26/01/2020 11:30:00	47	1250.0	930.65	1101.0	170.35	13.63	0.00	-2.733	-12.190338
Mansar 132kV	26/01/2020 11:45:00	48	1250.0	950.66	1122.0	171.34	13.71	0.00	3.063	0.000000
Mansar 132kV	26/01/2020 12:00:00	49	1250.0	970.68	1140.0	169.32	13.55	0.00	3.091	0.000000
Mansar 132kV	26/01/2020 12:15:00	50	1250.0	990.69	1142.0	151.31	12.1	0.00	3.063	0.000000
Mansar 132kV	26/01/2020 12:30:00	51	1250.0	985.69	1132.0	146.31	11.7	0.00	2.187	0.000000

Mansar 132kV	26/01/2020 12:45:00	52	1250.0	983.19	1125.0	141.81	11.34	0.00	1.640	0.000000
Mansar 132kV	26/01/2020 13:00:00	53	1250.0	980.69	1115.0	134.31	10.74	0.00	-1.640	-10.949516
Mansar 132kV	26/01/2020 13:15:00	54	1250.0	975.68	1089.0	113.32	9.07	0.00	-0.547	-3.409467
Mansar 132kV	26/01/2020 13:30:00	55	1250.0	953.17	1067.0	113.83	9.11	0.00	0.000	0.000000
Mansar 132kV	26/01/2020 13:45:00	56	1250.0	930.65	1018.0	87.35	6.99	0.00	0.000	0.000000
Mansar 132kV	26/01/2020 14:00:00	57	1250.0	908.14	973.0	64.86	5.19	0.00	2.733	0.000000
Mansar 132kV	26/01/2020 14:15:00	58	1250.0	883.12	918.0	34.88	2.79	0.00	0.547	0.000000
Mansar 132kV	26/01/2020 14:30:00	59	1250.0	838.09	850.0	11.91	0.95	0.00	0.547	0.000000
Mansar 132kV	26/01/2020 14:45:00	60	1250.0	793.05	786.0	-7.05	0.56	0.00	1.640	0.000000
Mansar 132kV	26/01/2020 15:00:00	61	1250.0	750.52	713.0	-37.52	3.0	0.00	-2.733	0.000000
Mansar 132kV	26/01/2020 15:15:00	62	1250.0	705.49	630.0	-75.49	6.04	0.00	-3.721	0.000000
Mansar 132kV	26/01/2020 15:30:00	63	1250.0	642.95	537.0	-105.95	8.48	0.00	-2.733	0.000000
Mansar 132kV	26/01/2020 15:45:00	64	1250.0	580.41	444.0	-136.41	10.91	0.00	-3.721	0.000000
Mansar 132kV	26/01/2020 16:00:00	65	1250.0	517.86	348.0	-169.86	13.59	0.00	0.000	0.000000
Mansar 132kV	26/01/2020 16:15:00	66	1250.0	457.82	254.0	-203.82	16.31	8.16	-1.988	0.000000
Mansar 132kV	26/01/2020 16:30:00	67	1250.0	387.77	164.0	-223.77	17.9	18.14	-2.869	0.000000
Mansar 132kV	26/01/2020 16:45:00	68	1250.0	320.22	92.0	-228.22	18.26	20.36	-3.392	0.000000
Mansar 132kV	26/01/2020 17:00:00	69	1250.0	250.17	46.0	-204.17	16.33	8.34	-0.547	0.000000
Mansar 132kV	26/01/2020 17:15:00	70	1250.0	182.63	29.0	-153.63	12.29	0.00	-1.093	0.000000
Mansar 132kV	26/01/2020 17:30:00	71	1250.0	140.1	15.0	-125.1	10.01	0.00	-0.467	0.000000
Mansar 132kV	26/01/2020 17:45:00	72	1250.0	95.07	1.0	-94.07	7.53	0.00	0.000	0.000000

Mansar 132kV	26/01/2020 18:00:00	73	1250.0	0.0	0.0	0.0	0.0	0.00	2.733	0.000000
Mansar 132kV	26/01/2020 18:15:00	74	1250.0	0.0	0.0	0.0	0.0	0.00	-1.203	0.000000
Mansar 132kV	26/01/2020 18:30:00	75	1250.0	0.0	0.0	0.0	0.0	0.00	4.050	0.000000
Mansar 132kV	26/01/2020 18:45:00	76	1250.0	0.0	0.0	0.0	0.0	0.00	6.021	0.000000
Mansar 132kV	26/01/2020 19:00:00	77	1250.0	0.0	0.0	0.0	0.0	0.00	6.354	0.000000
Mansar 132kV	26/01/2020 19:15:00	78	1250.0	0.0	0.0	0.0	0.0	0.00	-2.973	0.000000
Mansar 132kV	26/01/2020 19:30:00	79	1250.0	0.0	0.0	0.0	0.0	0.00	-3.240	0.000000
Mansar 132kV	26/01/2020 19:45:00	80	1250.0	0.0	0.0	0.0	0.0	0.00	-2.481	0.000000
Mansar 132kV	26/01/2020 20:00:00	81	1250.0	0.0	0.0	0.0	0.0	0.00	-3.721	0.000000
Mansar 132kV	26/01/2020 20:15:00	82	1250.0	0.0	0.0	0.0	0.0	0.00	5.696	0.000000
Mansar 132kV	26/01/2020 20:30:00	83	1250.0	0.0	0.0	0.0	0.0	0.00	3.721	0.000000
Mansar 132kV	26/01/2020 20:45:00	84	1250.0	0.0	0.0	0.0	0.0	0.00	4.379	0.000000
Mansar 132kV	26/01/2020 21:00:00	85	1250.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Mansar 132kV	26/01/2020 21:15:00	86	1250.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Mansar 132kV	26/01/2020 21:30:00	87	1250.0	0.0	0.0	0.0	0.0	0.00	4.379	0.000000
Mansar 132kV	26/01/2020 21:45:00	88	1250.0	0.0	0.0	0.0	0.0	0.00	4.149	0.000000
Mansar 132kV	26/01/2020 22:00:00	89	1250.0	0.0	0.0	0.0	0.0	0.00	-8.000	0.000000
Mansar 132kV	26/01/2020 22:15:00	90	1250.0	0.0	0.0	0.0	0.0	0.00	4.708	0.000000
Mansar 132kV	26/01/2020 22:30:00	91	1250.0	0.0	0.0	0.0	0.0	0.00	3.468	0.000000
Mansar 132kV	26/01/2020 22:45:00	92	1250.0	0.0	0.0	0.0	0.0	0.00	2.187	0.000000
Mansar 132kV	26/01/2020 23:00:00	93	1250.0	0.0	0.0	0.0	0.0	0.00	3.062	0.000000

Mansar 132kV	26/01/2020 23:15:00	94	1250.0	0.0	0.0	0.0	0.0	0.00	1.093	0.000000
Mansar 132kV	26/01/2020 23:30:00	95	1250.0	0.0	0.0	0.0	0.0	0.00	0.547	0.000000
Mansar 132kV	26/01/2020 23:45:00	96	1250.0	0.0	0.0	0.0	0.0	0.00	-0.547	0.000000