

Energy Deviation Account Statement for the period 13/01/2020 to 19/01/2020

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	13/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	4.514	0.000000
Katol 132kV	13/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	13/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	13/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Katol 132kV	13/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Katol 132kV	13/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-2.929	0.000000
Katol 132kV	13/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	4.197	0.000000
Katol 132kV	13/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	1.757	0.000000
Katol 132kV	13/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	4.196	0.000000
Katol 132kV	13/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Katol 132kV	13/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000
Katol 132kV	13/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Katol 132kV	13/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-3.880	0.000000
Katol 132kV	13/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	2.929	0.000000

Katol 132kV	13/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	3.246	0.000000
Katol 132kV	13/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	1.757	0.000000
Katol 132kV	13/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	13/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000
Katol 132kV	13/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Katol 132kV	13/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Katol 132kV	13/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-3.563	0.000000
Katol 132kV	13/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	4.196	0.000000
Katol 132kV	13/01/2020 06:30:00	27	11000.0	0.0	1.0	1.0	0.01	0.00	-5.464	0.000000
Katol 132kV	13/01/2020 06:45:00	28	11000.0	70.0	51.0	-19.0	0.17	0.00	-4.597	0.000000
Katol 132kV	13/01/2020 07:00:00	29	11000.0	267.5	258.0	-9.5	0.09	0.00	-7.683	0.000000
Katol 132kV	13/01/2020 07:15:00	30	11000.0	700.0	633.0	-67.0	0.61	0.00	4.831	40.151244
Katol 132kV	13/01/2020 07:30:00	31	11000.0	1167.5	1144.0	-23.5	0.21	0.00	1.172	0.000000
Katol 132kV	13/01/2020 07:45:00	32	11000.0	1665.0	1740.0	75.0	0.68	0.00	0.586	0.000000
Katol 132kV	13/01/2020 08:00:00	33	11000.0	3118.5	2694.0	-424.5	3.86	0.00	0.000	0.000000
Katol 132kV	13/01/2020 08:15:00	34	11000.0	4700.03	4272.0	-428.03	3.89	0.00	-2.343	0.000000
Katol 132kV	13/01/2020 08:30:00	35	11000.0	5796.45	5416.0	-380.45	3.46	0.00	2.929	0.000000
Katol 132kV	13/01/2020 08:45:00	36	11000.0	6623.1	6261.0	-362.1	3.29	0.00	1.757	0.000000
Katol 132kV	13/01/2020 09:00:00	37	11000.0	7350.75	6975.0	-375.75	3.42	0.00	2.343	0.000000
Katol 132kV	13/01/2020 09:15:00	38	11000.0	7986.82	7595.0	-391.82	3.56	0.00	3.246	0.000000
Katol 132kV	13/01/2020 09:30:00	39	11000.0	8551.12	8132.0	-419.12	3.81	0.00	4.831	0.000000

Katol 132kV	13/01/2020 09:45:00	40	11000.0	9036.23	8586.0	-450.23	4.09	0.00	-1.757	0.000000
Katol 132kV	13/01/2020 10:00:00	41	11000.0	9429.75	9008.0	-421.75	3.83	0.00	-2.929	0.000000
Katol 132kV	13/01/2020 10:15:00	42	11000.0	9773.78	9390.0	-383.78	3.49	0.00	3.563	0.000000
Katol 132kV	13/01/2020 10:30:00	43	11000.0	10031.17	9749.0	-282.17	2.57	0.00	2.931	0.000000
Katol 132kV	13/01/2020 10:45:00	44	11000.0	10305.9	10053.0	-252.9	2.3	0.00	-2.929	0.000000
Katol 132kV	13/01/2020 11:00:00	45	11000.0	10419.75	10458.2	38.45	0.35	0.00	-4.514	-6.889026
Katol 132kV	13/01/2020 11:15:00	46	11000.0	10442.03	10842.0	399.97	3.64	0.00	-2.929	-51.298207
Katol 132kV	13/01/2020 11:30:00	47	11000.0	10565.77	11035.25	469.48	4.27	0.00	-2.343	-14.150952
Katol 132kV	13/01/2020 11:45:00	48	11000.0	10558.35	11221.2	662.85	6.03	0.00	4.197	0.000000
Katol 132kV	13/01/2020 12:00:00	49	11000.0	10570.73	11290.45	719.72	6.54	0.00	3.723	0.000000
Katol 132kV	13/01/2020 12:15:00	50	11000.0	10548.45	11308.55	760.1	6.91	0.00	3.880	0.000000
Katol 132kV	13/01/2020 12:30:00	51	11000.0	10548.45	11299.95	751.5	6.83	0.00	-1.757	-39.252723
Katol 132kV	13/01/2020 12:45:00	52	11000.0	10516.28	11261.55	745.27	6.78	0.00	-1.757	-40.190339
Katol 132kV	13/01/2020 13:00:00	53	11000.0	10451.93	11130.1	678.17	6.17	0.00	-1.172	-46.001127
Katol 132kV	13/01/2020 13:15:00	54	11000.0	10333.13	10994.55	661.42	6.01	0.00	-1.172	-47.285215
Katol 132kV	13/01/2020 13:30:00	55	11000.0	10174.72	10768.05	593.33	5.39	0.00	0.000	0.000000
Katol 132kV	13/01/2020 13:45:00	56	11000.0	10016.32	10517.6	501.28	4.56	0.00	2.928	0.000000
Katol 132kV	13/01/2020 14:00:00	57	11000.0	9704.48	10206.55	502.07	4.56	0.00	-4.197	-18.290113
Katol 132kV	13/01/2020 14:15:00	58	11000.0	9318.37	9874.5	556.13	5.06	0.00	-6.415	-226.621710
Katol 132kV	13/01/2020 14:30:00	59	11000.0	8897.62	9434.15	536.53	4.88	0.00	-4.514	-74.949667
Katol 132kV	13/01/2020 14:45:00	60	11000.0	8390.25	8943.6	553.35	5.03	0.00	-7.683	-234.434451

Katol 132kV	13/01/2020 15:00:00	61	11000.0	7845.75	8344.7	498.95	4.54	0.00	1.757	0.000000
Katol 132kV	13/01/2020 15:15:00	62	11000.0	7229.48	7707.4	477.92	4.34	0.00	5.141	0.000000
Katol 132kV	13/01/2020 15:30:00	63	11000.0	6553.8	6918.85	365.05	3.32	0.00	-4.831	-157.717539
Katol 132kV	13/01/2020 15:45:00	64	11000.0	5826.15	6085.55	259.4	2.36	0.00	-3.563	-34.948605
Katol 132kV	13/01/2020 16:00:00	65	11000.0	4992.07	5163.0	170.93	1.55	0.00	-2.929	-30.797240
Katol 132kV	13/01/2020 16:15:00	66	11000.0	3952.57	4144.7	192.13	1.75	0.00	-4.197	-48.514653
Katol 132kV	13/01/2020 16:30:00	67	11000.0	2544.3	2968.55	424.25	3.86	0.00	-4.831	-46.519660
Katol 132kV	13/01/2020 16:45:00	68	11000.0	1301.85	1873.9	572.05	5.2	0.00	-4.197	-327.323179
Katol 132kV	13/01/2020 17:00:00	69	11000.0	792.0	1002.35	210.35	1.91	0.00	-3.246	0.000000
Katol 132kV	13/01/2020 17:15:00	70	11000.0	346.5	501.75	155.25	1.41	0.00	-3.880	0.000000
Katol 132kV	13/01/2020 17:30:00	71	11000.0	71.77	174.1	102.33	0.93	0.00	-3.880	0.000000
Katol 132kV	13/01/2020 17:45:00	72	11000.0	0.0	25.3	25.3	0.23	0.00	2.343	0.000000
Katol 132kV	13/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Katol 132kV	13/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	3.563	0.000000
Katol 132kV	13/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	0.586	0.000000
Katol 132kV	13/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Katol 132kV	13/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Katol 132kV	13/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Katol 132kV	13/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Katol 132kV	13/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000

Katol 132kV	13/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-4.830	0.000000
Katol 132kV	13/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Katol 132kV	13/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	4.514	0.000000
Katol 132kV	13/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-5.464	0.000000
Katol 132kV	13/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-2.929	0.000000
Katol 132kV	13/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-1.632	0.000000
Katol 132kV	13/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	13/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Katol 132kV	13/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	5.781	0.000000
Katol 132kV	13/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	2.344	0.000000
Katol 132kV	13/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-1.172	0.000000
Katol 132kV	13/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Katol 132kV	13/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	1.199	0.000000
Katol 132kV	13/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	13/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	14/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-0.550	0.000000
Katol 132kV	14/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Katol 132kV	14/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Katol 132kV	14/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-2.857	0.000000
Katol 132kV	14/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-1.962	0.000000
Katol 132kV	14/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-1.499	0.000000

Katol 132kV	14/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-2.722	0.000000
Katol 132kV	14/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-3.406	0.000000
Katol 132kV	14/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	3.078	0.000000
Katol 132kV	14/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	1.100	0.000000
Katol 132kV	14/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Katol 132kV	14/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Katol 132kV	14/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.406	0.000000
Katol 132kV	14/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	3.406	0.000000
Katol 132kV	14/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	4.769	0.000000
Katol 132kV	14/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.405	0.000000
Katol 132kV	14/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-4.062	0.000000
Katol 132kV	14/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-1.734	0.000000
Katol 132kV	14/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	-1.503	0.000000
Katol 132kV	14/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Katol 132kV	14/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	3.734	0.000000
Katol 132kV	14/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	3.406	0.000000
Katol 132kV	14/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	5.703	0.000000
Katol 132kV	14/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	4.390	0.000000
Katol 132kV	14/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Katol 132kV	14/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	0.559	0.000000
Katol 132kV	14/01/2020 06:30:00	27	11000.0	0.0	1.85	1.85	0.02	0.00	3.406	0.000000

Katol 132kV	14/01/2020 06:45:00	28	11000.0	64.35	66.4	2.05	0.02	0.00	4.390	0.000000
Katol 132kV	14/01/2020 07:00:00	29	11000.0	257.4	289.75	32.35	0.29	0.00	4.766	0.000000
Katol 132kV	14/01/2020 07:15:00	30	11000.0	727.65	693.9	-33.75	0.31	0.00	16.000	341.478159
Katol 132kV	14/01/2020 07:30:00	31	11000.0	1232.55	1236.55	4.0	0.04	0.00	8.121	0.000000
Katol 132kV	14/01/2020 07:45:00	32	11000.0	1774.57	1903.25	128.68	1.17	0.00	5.472	0.000000
Katol 132kV	14/01/2020 08:00:00	33	11000.0	3118.5	2927.95	-190.55	1.73	0.00	3.967	0.000000
Katol 132kV	14/01/2020 08:15:00	34	11000.0	4700.03	3691.0	-1009.03	9.17	0.00	4.736	0.000000
Katol 132kV	14/01/2020 08:30:00	35	11000.0	5796.45	4372.1	-1424.35	12.95	0.00	3.861	0.000000
Katol 132kV	14/01/2020 08:45:00	36	11000.0	6623.1	5092.4	-1530.7	13.92	0.00	4.294	0.000000
Katol 132kV	14/01/2020 09:00:00	37	11000.0	7350.75	6018.4	-1332.35	12.11	0.00	2.749	0.000000
Katol 132kV	14/01/2020 09:15:00	38	11000.0	7986.82	6879.35	-1107.47	10.07	0.00	2.749	0.000000
Katol 132kV	14/01/2020 09:30:00	39	11000.0	6413.34	7518.95	1105.61	10.05	0.00	-1.650	-111.111677
Katol 132kV	14/01/2020 09:45:00	40	11000.0	6777.17	8117.65	1340.48	12.19	0.00	-0.988	-128.933222
Katol 132kV	14/01/2020 10:00:00	41	11000.0	8237.25	8668.2	430.95	3.92	0.00	-3.406	-49.330222
Katol 132kV	14/01/2020 10:15:00	42	11000.0	8586.0	9108.05	522.05	4.75	0.00	1.100	0.000000
Katol 132kV	14/01/2020 10:30:00	43	11000.0	8892.0	9566.2	674.2	6.13	0.00	-1.100	-9.060113
Katol 132kV	14/01/2020 10:45:00	44	11000.0	9162.0	9894.65	732.65	6.66	0.00	-2.749	-43.244452
Katol 132kV	14/01/2020 11:00:00	45	11000.0	9384.75	10109.55	724.8	6.59	0.00	-2.749	-135.535194
Katol 132kV	14/01/2020 11:15:00	46	11000.0	9519.75	10269.45	749.7	6.82	0.00	-1.650	-50.953915
Katol 132kV	14/01/2020 11:30:00	47	11000.0	9587.25	10462.35	875.1	7.96	0.00	1.650	0.000000
Katol 132kV	14/01/2020 11:45:00	48	11000.0	10335.35	10546.1	210.75	1.92	0.00	2.750	0.000000

Katol 132kV	14/01/2020 12:00:00	49	11000.0	10345.05	10529.05	184.0	1.67	0.00	1.100	0.000000
Katol 132kV	14/01/2020 12:15:00	50	11000.0	10330.5	10492.25	161.75	1.47	0.00	4.391	0.000000
Katol 132kV	14/01/2020 12:30:00	51	11000.0	10342.62	10418.2	75.58	0.69	0.00	-2.199	-0.376032
Katol 132kV	14/01/2020 12:45:00	52	11000.0	10240.78	10337.25	96.47	0.88	0.00	-2.749	-8.000458
Katol 132kV	14/01/2020 13:00:00	53	11000.0	10262.6	10276.9	14.3	0.13	0.00	0.000	0.000000
Katol 132kV	14/01/2020 13:15:00	54	11000.0	10010.4	10095.3	84.9	0.77	0.00	-1.100	-3.387923
Katol 132kV	14/01/2020 13:30:00	55	11000.0	9772.75	9892.95	120.2	1.09	0.00	-2.749	-9.025533
Katol 132kV	14/01/2020 13:45:00	56	11000.0	9542.37	9553.0	10.63	0.1	0.00	2.749	0.000000
Katol 132kV	14/01/2020 14:00:00	57	11000.0	9268.35	9098.3	-170.05	1.55	0.00	1.100	0.000000
Katol 132kV	14/01/2020 14:15:00	58	11000.0	8926.42	8717.35	-209.07	1.9	0.00	1.650	0.000000
Katol 132kV	14/01/2020 14:30:00	59	11000.0	8470.52	8252.2	-218.32	1.98	0.00	-1.100	0.000000
Katol 132kV	14/01/2020 14:45:00	60	11000.0	8087.37	7653.8	-433.57	3.94	0.00	-2.200	0.000000
Katol 132kV	14/01/2020 15:00:00	61	11000.0	7466.58	7132.5	-334.08	3.04	0.00	-1.650	0.000000
Katol 132kV	14/01/2020 15:15:00	62	11000.0	6843.35	6465.4	-377.95	3.44	0.00	-3.406	0.000000
Katol 132kV	14/01/2020 15:30:00	63	11000.0	6113.42	5757.75	-355.67	3.23	0.00	-0.550	0.000000
Katol 132kV	14/01/2020 15:45:00	64	11000.0	5318.03	5002.95	-315.08	2.86	0.00	3.078	0.000000
Katol 132kV	14/01/2020 16:00:00	65	11000.0	4491.1	4132.35	-358.75	3.26	0.00	2.199	0.000000
Katol 132kV	14/01/2020 16:15:00	66	11000.0	3567.17	3263.5	-303.67	2.76	0.00	-4.062	0.000000
Katol 132kV	14/01/2020 16:30:00	67	11000.0	2388.62	2410.45	21.83	0.2	0.00	5.375	0.000000
Katol 132kV	14/01/2020 16:45:00	68	11000.0	1251.3	1556.95	305.65	2.78	0.00	-7.016	-95.551654
Katol 132kV	14/01/2020 17:00:00	69	11000.0	776.0	843.2	67.2	0.61	0.00	4.390	0.000000

Katol 132kV	14/01/2020 17:15:00	70	11000.0	358.9	418.85	59.95	0.55	0.00	-4.390	0.000000
Katol 132kV	14/01/2020 17:30:00	71	11000.0	75.18	169.95	94.77	0.86	0.00	-6.359	0.000000
Katol 132kV	14/01/2020 17:45:00	72	11000.0	0.0	27.45	27.45	0.25	0.00	-3.078	0.000000
Katol 132kV	14/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-5.703	0.000000
Katol 132kV	14/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-6.360	0.000000
Katol 132kV	14/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-2.749	0.000000
Katol 132kV	14/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Katol 132kV	14/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Katol 132kV	14/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-2.749	0.000000
Katol 132kV	14/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Katol 132kV	14/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	0.550	0.000000
Katol 132kV	14/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	2.200	0.000000
Katol 132kV	14/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	2.199	0.000000
Katol 132kV	14/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-3.078	0.000000
Katol 132kV	14/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	-4.718	0.000000
Katol 132kV	14/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-1.204	0.000000
Katol 132kV	14/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-1.326	0.000000
Katol 132kV	14/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-0.633	0.000000
Katol 132kV	14/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	-0.493	0.000000
Katol 132kV	14/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-1.963	0.000000
Katol 132kV	14/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-1.913	0.000000

Katol 132kV	14/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Katol 132kV	14/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-0.874	0.000000
Katol 132kV	14/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-0.975	0.000000
Katol 132kV	14/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-0.577	0.000000
Katol 132kV	14/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-0.911	0.000000
Katol 132kV	14/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	-0.550	0.000000
Katol 132kV	15/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	15/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Katol 132kV	15/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.073	0.000000
Katol 132kV	15/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-5.008	0.000000
Katol 132kV	15/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-3.310	0.000000
Katol 132kV	15/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-2.114	0.000000
Katol 132kV	15/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-2.682	0.000000
Katol 132kV	15/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-1.073	0.000000
Katol 132kV	15/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Katol 132kV	15/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-2.682	0.000000
Katol 132kV	15/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-4.676	0.000000

Katol 132kV	15/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-4.011	0.000000
Katol 132kV	15/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000
Katol 132kV	15/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	-1.131	0.000000
Katol 132kV	15/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	-2.114	0.000000
Katol 132kV	15/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-2.436	0.000000
Katol 132kV	15/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Katol 132kV	15/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-4.676	0.000000
Katol 132kV	15/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-2.618	0.000000
Katol 132kV	15/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Katol 132kV	15/01/2020 06:30:00	27	11000.0	0.0	0.35	0.35	0.0	0.00	-2.682	0.000000
Katol 132kV	15/01/2020 06:45:00	28	11000.0	64.35	51.2	-13.15	0.12	0.00	-0.905	0.000000
Katol 132kV	15/01/2020 07:00:00	29	11000.0	257.4	220.8	-36.6	0.33	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 07:15:00	30	11000.0	727.65	531.35	-196.3	1.78	0.00	3.678	0.000000
Katol 132kV	15/01/2020 07:30:00	31	11000.0	1232.55	941.05	-291.5	2.65	0.00	-4.011	0.000000
Katol 132kV	15/01/2020 07:45:00	32	11000.0	1774.57	1357.85	-416.72	3.79	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 08:00:00	33	11000.0	3118.5	1922.5	-1196.0	10.87	0.00	-2.682	0.000000
Katol 132kV	15/01/2020 08:15:00	34	11000.0	4700.03	2664.3	-2035.73	18.51	192.87	-2.682	0.000000
Katol 132kV	15/01/2020 08:30:00	35	11000.0	5796.45	3703.3	-2093.15	19.03	221.58	-3.346	0.000000
Katol 132kV	15/01/2020 08:45:00	36	11000.0	6623.1	4445.4	-2177.7	19.8	263.85	-2.681	0.000000

Katol 132kV	15/01/2020 09:00:00	37	11000.0	7350.75	5139.85	-2210.9	20.1	280.45	3.014	0.000000
Katol 132kV	15/01/2020 09:15:00	38	11000.0	7986.82	5878.85	-2107.97	19.16	228.99	1.609	0.000000
Katol 132kV	15/01/2020 09:30:00	39	11000.0	5985.79	6571.25	585.46	5.32	0.00	-0.536	-2.056612
Katol 132kV	15/01/2020 09:45:00	40	11000.0	6325.36	7233.4	908.04	8.25	0.00	-0.536	-2.176305
Katol 132kV	15/01/2020 10:00:00	41	11000.0	6600.82	7794.65	1193.83	10.85	0.00	0.000	0.000000
Katol 132kV	15/01/2020 10:15:00	42	11000.0	6841.64	8314.1	1472.46	13.39	0.00	-2.682	-175.466335
Katol 132kV	15/01/2020 10:30:00	43	11000.0	7021.82	8830.1	1808.28	16.44	79.14	-2.682	-305.413731
Katol 132kV	15/01/2020 10:45:00	44	11000.0	7214.13	9149.75	1935.62	17.6	142.81	-2.763	-450.003232
Katol 132kV	15/01/2020 11:00:00	45	11000.0	7293.83	9400.0	2106.17	19.15	228.09	-4.011	-439.919242
Katol 132kV	15/01/2020 11:15:00	46	11000.0	9109.73	9513.9	404.17	3.67	0.00	-1.065	-28.459709
Katol 132kV	15/01/2020 11:30:00	47	11000.0	9217.69	9647.25	429.56	3.91	0.00	-1.609	-19.950879
Katol 132kV	15/01/2020 11:45:00	48	11000.0	9211.21	9784.55	573.34	5.21	0.00	0.000	0.000000
Katol 132kV	15/01/2020 12:00:00	49	11000.0	9222.01	9893.35	671.34	6.1	0.00	0.000	0.000000
Katol 132kV	15/01/2020 12:15:00	50	11000.0	9202.57	9735.9	533.33	4.85	0.00	-1.609	-13.620802
Katol 132kV	15/01/2020 12:30:00	51	11000.0	9202.57	9687.6	485.03	4.41	0.00	-3.014	-25.801784
Katol 132kV	15/01/2020 12:45:00	52	11000.0	9174.5	9532.7	358.2	3.26	0.00	2.681	0.000000
Katol 132kV	15/01/2020 13:00:00	53	11000.0	9118.36	8933.95	-184.41	1.68	0.00	0.000	0.000000
Katol 132kV	15/01/2020 13:15:00	54	11000.0	9014.72	8470.9	-543.82	4.94	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 13:30:00	55	11000.0	8876.53	7779.05	-1097.48	9.98	0.00	-1.609	0.000000
Katol 132kV	15/01/2020 13:45:00	56	11000.0	8738.34	6374.55	-2363.79	21.49	356.90	-1.073	0.000000
Katol 132kV	15/01/2020 14:00:00	57	11000.0	8466.28	6205.0	-2261.28	20.56	305.64	0.000	0.000000

Katol 132kV	15/01/2020 14:15:00	58	11000.0	8129.44	6293.5	-1835.94	16.69	92.97	2.145	0.000000
Katol 132kV	15/01/2020 14:30:00	59	11000.0	7762.38	6579.75	-1182.63	10.75	0.00	1.609	0.000000
Katol 132kV	15/01/2020 14:45:00	60	11000.0	7319.74	6561.95	-757.79	6.89	0.00	-2.145	0.000000
Katol 132kV	15/01/2020 15:00:00	61	11000.0	6844.71	5480.3	-1364.41	12.4	0.00	0.000	0.000000
Katol 132kV	15/01/2020 15:15:00	62	11000.0	6307.07	4461.35	-1845.72	16.78	97.86	-1.609	0.000000
Katol 132kV	15/01/2020 15:30:00	63	11000.0	5717.6	3957.1	-1760.5	16.0	55.25	-3.346	0.000000
Katol 132kV	15/01/2020 15:45:00	64	11000.0	5082.79	3121.3	-1961.49	17.83	155.75	2.145	0.000000
Katol 132kV	15/01/2020 16:00:00	65	11000.0	4355.14	2171.85	-2183.29	19.85	266.65	1.073	0.000000
Katol 132kV	15/01/2020 16:15:00	66	11000.0	3448.27	1774.8	-1673.47	15.21	11.74	-3.022	0.000000
Katol 132kV	15/01/2020 16:30:00	67	11000.0	2219.67	1655.55	-564.12	5.13	0.00	3.679	0.000000
Katol 132kV	15/01/2020 16:45:00	68	11000.0	1135.75	1148.6	12.85	0.12	0.00	-1.609	-0.514205
Katol 132kV	15/01/2020 17:00:00	69	11000.0	690.95	710.1	19.15	0.17	0.00	0.536	0.000000
Katol 132kV	15/01/2020 17:15:00	70	11000.0	302.29	380.7	78.41	0.71	0.00	-2.145	0.000000
Katol 132kV	15/01/2020 17:30:00	71	11000.0	62.62	140.9	78.28	0.71	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 17:45:00	72	11000.0	0.0	20.9	20.9	0.19	0.00	-1.298	0.000000
Katol 132kV	15/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000
Katol 132kV	15/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	4.344	0.000000
Katol 132kV	15/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Katol 132kV	15/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Katol 132kV	15/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	15/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000

Katol 132kV	15/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-1.256	0.000000
Katol 132kV	15/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-1.164	0.000000
Katol 132kV	15/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-1.833	0.000000
Katol 132kV	15/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Katol 132kV	15/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	3.014	0.000000
Katol 132kV	15/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	3.016	0.000000
Katol 132kV	15/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	4.343	0.000000
Katol 132kV	15/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-3.014	0.000000
Katol 132kV	15/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-0.536	0.000000
Katol 132kV	15/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	15/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-2.654	0.000000
Katol 132kV	15/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	2.145	0.000000
Katol 132kV	15/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	3.014	0.000000
Katol 132kV	15/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	2.145	0.000000
Katol 132kV	15/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Katol 132kV	15/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Katol 132kV	15/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Katol 132kV	15/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000

Katol 132kV	16/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Katol 132kV	16/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Katol 132kV	16/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Katol 132kV	16/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Katol 132kV	16/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Katol 132kV	16/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000
Katol 132kV	16/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	2.039	0.000000
Katol 132kV	16/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	1.019	0.000000
Katol 132kV	16/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Katol 132kV	16/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	3.911	0.000000
Katol 132kV	16/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Katol 132kV	16/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	5.274	0.000000
Katol 132kV	16/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	5.955	0.000000
Katol 132kV	16/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	-3.570	0.000000
Katol 132kV	16/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	4.252	0.000000
Katol 132kV	16/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Katol 132kV	16/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Katol 132kV	16/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	3.911	0.000000
Katol 132kV	16/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	3.570	0.000000

Katol 132kV	16/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-3.911	0.000000
Katol 132kV	16/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Katol 132kV	16/01/2020 06:30:00	27	11000.0	0.0	0.3	0.3	0.0	0.00	-3.911	0.000000
Katol 132kV	16/01/2020 06:45:00	28	11000.0	55.0	42.9	-12.1	0.11	0.00	4.509	31.283653
Katol 132kV	16/01/2020 07:00:00	29	11000.0	220.0	213.6	-6.4	0.06	0.00	-2.548	0.000000
Katol 132kV	16/01/2020 07:15:00	30	11000.0	617.5	507.6	-109.9	1.0	0.00	3.570	79.012696
Katol 132kV	16/01/2020 07:30:00	31	11000.0	1047.5	931.35	-116.15	1.06	0.00	1.019	0.000000
Katol 132kV	16/01/2020 07:45:00	32	11000.0	1507.5	1508.7	1.2	0.01	0.00	1.529	0.000000
Katol 132kV	16/01/2020 08:00:00	33	11000.0	2650.0	2286.2	-363.8	3.31	0.00	-0.510	0.000000
Katol 132kV	16/01/2020 08:15:00	34	11000.0	3995.0	3259.2	-735.8	6.69	0.00	-2.889	0.000000
Katol 132kV	16/01/2020 08:30:00	35	11000.0	4927.5	4118.2	-809.3	7.36	0.00	4.252	0.000000
Katol 132kV	16/01/2020 08:45:00	36	11000.0	5630.0	4846.7	-783.3	7.12	0.00	2.037	0.000000
Katol 132kV	16/01/2020 09:00:00	37	11000.0	6247.5	5449.85	-797.65	7.25	0.00	3.570	0.000000
Katol 132kV	16/01/2020 09:15:00	38	11000.0	6790.0	5886.8	-903.2	8.21	0.00	3.230	0.000000
Katol 132kV	16/01/2020 09:30:00	39	11000.0	7267.5	6263.8	-1003.7	9.12	0.00	3.230	0.000000
Katol 132kV	16/01/2020 09:45:00	40	11000.0	7680.0	6023.7	-1656.3	15.06	3.15	-2.548	0.000000
Katol 132kV	16/01/2020 10:00:00	41	11000.0	8015.0	6192.45	-1822.55	16.57	86.28	-1.019	0.000000
Katol 132kV	16/01/2020 10:15:00	42	11000.0	8307.5	6295.45	-2012.05	18.29	181.03	2.039	0.000000
Katol 132kV	16/01/2020 10:30:00	43	11000.0	8527.5	7175.4	-1352.1	12.29	0.00	-1.530	0.000000
Katol 132kV	16/01/2020 10:45:00	44	11000.0	8760.0	8652.7	-107.3	0.98	0.00	0.000	0.000000
Katol 132kV	16/01/2020 11:00:00	45	11000.0	8857.5	8528.9	-328.6	2.99	0.00	0.000	0.000000

Katol 132kV	16/01/2020 11:15:00	46	11000.0	8875.0	9384.9	509.9	4.64	0.00	2.039	0.000000
Katol 132kV	16/01/2020 11:30:00	47	11000.0	8980.0	9954.05	974.05	8.85	0.00	-2.889	-82.622130
Katol 132kV	16/01/2020 11:45:00	48	11000.0	8975.0	10326.55	1351.55	12.29	0.00	-2.038	-154.977270
Katol 132kV	16/01/2020 12:00:00	49	11000.0	8985.0	10294.4	1309.4	11.9	0.00	3.570	0.000000
Katol 132kV	16/01/2020 12:15:00	50	11000.0	8965.0	10327.2	1362.2	12.38	0.00	3.230	0.000000
Katol 132kV	16/01/2020 12:30:00	51	11000.0	8965.0	10399.1	1434.1	13.04	0.00	3.230	0.000000
Katol 132kV	16/01/2020 12:45:00	52	11000.0	8940.0	9680.65	740.65	6.73	0.00	-3.228	-0.420608
Katol 132kV	16/01/2020 13:00:00	53	11000.0	8885.0	8528.55	-356.45	3.24	0.00	-2.030	0.000000
Katol 132kV	16/01/2020 13:15:00	54	11000.0	8782.5	7953.55	-828.95	7.54	0.00	-3.230	0.000000
Katol 132kV	16/01/2020 13:30:00	55	11000.0	8647.5	7459.6	-1187.9	10.8	0.00	4.593	0.000000
Katol 132kV	16/01/2020 13:45:00	56	11000.0	8515.0	7591.85	-923.15	8.39	0.00	5.615	0.000000
Katol 132kV	16/01/2020 14:00:00	57	11000.0	8250.0	7402.7	-847.3	7.7	0.00	5.273	0.000000
Katol 132kV	16/01/2020 14:15:00	58	11000.0	7920.0	6788.3	-1131.7	10.29	0.00	6.978	0.000000
Katol 132kV	16/01/2020 14:30:00	59	11000.0	7562.5	6076.25	-1486.25	13.51	0.00	-7.319	0.000000
Katol 132kV	16/01/2020 14:45:00	60	11000.0	7132.5	6502.0	-630.5	5.73	0.00	-5.615	0.000000
Katol 132kV	16/01/2020 15:00:00	61	11000.0	6670.0	5773.0	-897.0	8.15	0.00	-3.570	0.000000
Katol 132kV	16/01/2020 15:15:00	62	11000.0	5530.5	5130.0	-400.5	3.64	0.00	-4.931	0.000000
Katol 132kV	16/01/2020 15:30:00	63	11000.0	5013.0	3941.0	-1072.0	9.75	0.00	3.570	0.000000
Katol 132kV	16/01/2020 15:45:00	64	11000.0	4457.25	4140.0	-317.25	2.88	0.00	5.615	0.000000
Katol 132kV	16/01/2020 16:00:00	65	11000.0	3092.78	3557.0	464.22	4.22	0.00	4.593	0.000000
Katol 132kV	16/01/2020 16:15:00	66	11000.0	2449.44	2819.0	369.56	3.36	0.00	7.322	0.000000

Katol 132kV	16/01/2020 16:30:00	67	11000.0	1576.46	2071.0	494.54	4.5	0.00	-7.659	-432.716178
Katol 132kV	16/01/2020 16:45:00	68	11000.0	807.37	1417.0	609.63	5.54	0.00	4.933	0.000000
Katol 132kV	16/01/2020 17:00:00	69	11000.0	490.25	802.0	311.75	2.83	0.00	-2.889	0.000000
Katol 132kV	16/01/2020 17:15:00	70	11000.0	215.06	387.75	172.69	1.57	0.00	-2.889	0.000000
Katol 132kV	16/01/2020 17:30:00	71	11000.0	43.74	138.05	94.31	0.86	0.00	3.230	0.000000
Katol 132kV	16/01/2020 17:45:00	72	11000.0	0.0	20.6	20.6	0.19	0.00	-3.230	0.000000
Katol 132kV	16/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-3.708	0.000000
Katol 132kV	16/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	6.643	0.000000
Katol 132kV	16/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	2.548	0.000000
Katol 132kV	16/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	1.529	0.000000
Katol 132kV	16/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	1.019	0.000000
Katol 132kV	16/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-2.889	0.000000
Katol 132kV	16/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Katol 132kV	16/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-0.767	0.000000
Katol 132kV	16/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Katol 132kV	16/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-2.039	0.000000
Katol 132kV	16/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	2.039	0.000000
Katol 132kV	16/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	2.548	0.000000
Katol 132kV	16/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	4.252	0.000000
Katol 132kV	16/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Katol 132kV	16/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000

Katol 132kV	16/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	16/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000
Katol 132kV	16/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Katol 132kV	16/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-2.889	0.000000
Katol 132kV	16/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	5.274	0.000000
Katol 132kV	16/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Katol 132kV	16/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	1.528	0.000000
Katol 132kV	16/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	17/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Katol 132kV	17/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Katol 132kV	17/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Katol 132kV	17/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Katol 132kV	17/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-3.694	0.000000
Katol 132kV	17/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Katol 132kV	17/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Katol 132kV	17/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Katol 132kV	17/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-3.694	0.000000
Katol 132kV	17/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Katol 132kV	17/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	2.160	0.000000
Katol 132kV	17/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	2.161	0.000000

Katol 132kV	17/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Katol 132kV	17/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	1.080	0.000000
Katol 132kV	17/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	0.540	0.000000
Katol 132kV	17/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	17/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	2.160	0.000000
Katol 132kV	17/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	3.462	0.000000
Katol 132kV	17/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	2.700	0.000000
Katol 132kV	17/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Katol 132kV	17/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-5.350	0.000000
Katol 132kV	17/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	6.344	0.000000
Katol 132kV	17/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-7.006	0.000000
Katol 132kV	17/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-3.363	0.000000
Katol 132kV	17/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	5.019	0.000000
Katol 132kV	17/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	6.675	0.000000
Katol 132kV	17/01/2020 06:30:00	27	11000.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Katol 132kV	17/01/2020 06:45:00	28	11000.0	55.0	34.7	-20.3	0.18	0.00	-7.006	0.000000
Katol 132kV	17/01/2020 07:00:00	29	11000.0	220.0	137.85	-82.15	0.75	0.00	-4.688	0.000000
Katol 132kV	17/01/2020 07:15:00	30	11000.0	617.5	205.9	-411.6	3.74	0.00	-8.000	0.000000
Katol 132kV	17/01/2020 07:30:00	31	11000.0	1047.5	371.05	-676.45	6.15	0.00	-3.694	0.000000
Katol 132kV	17/01/2020 07:45:00	32	11000.0	1507.5	965.1	-542.4	4.93	0.00	-5.019	0.000000
Katol 132kV	17/01/2020 08:00:00	33	11000.0	2650.0	1781.6	-868.4	7.89	0.00	-4.025	0.000000

Katol 132kV	17/01/2020 08:15:00	34	11000.0	3995.0	1940.25	-2054.75	18.68	202.38	-5.019	0.000000
Katol 132kV	17/01/2020 08:30:00	35	11000.0	4927.5	2002.85	-2924.65	26.59	724.65	5.350	0.000000
Katol 132kV	17/01/2020 08:45:00	36	11000.0	2882.56	3337.9	455.34	4.14	0.00	-3.694	-46.971295
Katol 132kV	17/01/2020 09:00:00	37	11000.0	3198.72	4235.0	1036.28	9.42	0.00	-2.393	-349.205525
Katol 132kV	17/01/2020 09:15:00	38	11000.0	3476.48	3695.85	219.37	1.99	0.00	-5.195	-116.061470
Katol 132kV	17/01/2020 09:30:00	39	11000.0	3720.96	2889.3	-831.66	7.56	0.00	-3.694	0.000000
Katol 132kV	17/01/2020 09:45:00	40	11000.0	3932.16	3903.3	-28.86	0.26	0.00	-3.694	0.000000
Katol 132kV	17/01/2020 10:00:00	41	11000.0	4103.68	6736.7	2633.02	23.94	491.51	-2.159	-544.370878
Katol 132kV	17/01/2020 10:15:00	42	11000.0	4253.44	7651.0	3397.56	30.89	1197.56	-1.620	-326.537305
Katol 132kV	17/01/2020 10:30:00	43	11000.0	4366.08	7939.25	3573.17	32.48	1373.17	-1.620	-209.981673
Katol 132kV	17/01/2020 10:45:00	44	11000.0	4485.12	7850.8	3365.68	30.6	1165.68	-2.701	-246.334561
Katol 132kV	17/01/2020 11:00:00	45	11000.0	4535.04	7704.8	3169.76	28.82	969.76	-2.160	-127.353940
Katol 132kV	17/01/2020 11:15:00	46	11000.0	7318.16	7372.8	54.64	0.5	0.00	-2.701	-6.512243
Katol 132kV	17/01/2020 11:30:00	47	11000.0	7404.74	5924.35	-1480.39	13.46	0.00	3.032	0.000000
Katol 132kV	17/01/2020 11:45:00	48	11000.0	7400.62	5119.35	-2281.27	20.74	315.64	1.620	0.000000
Katol 132kV	17/01/2020 12:00:00	49	11000.0	7408.86	7207.4	-201.46	1.83	0.00	2.700	0.000000
Katol 132kV	17/01/2020 12:15:00	50	11000.0	7392.37	9288.9	1896.53	17.24	123.27	5.769	0.000000
Katol 132kV	17/01/2020 12:30:00	51	11000.0	7392.37	9514.65	2122.28	19.29	236.14	4.025	0.000000
Katol 132kV	17/01/2020 12:45:00	52	11000.0	7371.76	8818.35	1446.59	13.15	0.00	4.025	0.000000
Katol 132kV	17/01/2020 13:00:00	53	11000.0	7326.4	8192.7	866.3	7.88	0.00	2.700	0.000000
Katol 132kV	17/01/2020 13:15:00	54	11000.0	7241.88	8513.25	1271.37	11.56	0.00	-0.540	-9.844068

Katol 132kV	17/01/2020 13:30:00	55	11000.0	7130.57	7780.2	649.63	5.91	0.00	-3.694	-167.102724
Katol 132kV	17/01/2020 13:45:00	56	11000.0	8515.0	7305.0	-1210.0	11.0	0.00	-1.620	0.000000
Katol 132kV	17/01/2020 14:00:00	57	11000.0	8250.0	7554.4	-695.6	6.32	0.00	0.000	0.000000
Katol 132kV	17/01/2020 14:15:00	58	11000.0	7920.0	7706.35	-213.65	1.94	0.00	-3.536	0.000000
Katol 132kV	17/01/2020 14:30:00	59	11000.0	7562.5	7058.95	-503.55	4.58	0.00	-3.363	0.000000
Katol 132kV	17/01/2020 14:45:00	60	11000.0	7132.5	5403.35	-1729.15	15.72	39.58	-3.032	0.000000
Katol 132kV	17/01/2020 15:00:00	61	11000.0	6670.0	4563.0	-2107.0	19.15	228.50	-1.273	0.000000
Katol 132kV	17/01/2020 15:15:00	62	11000.0	6145.0	4212.5	-1932.5	17.57	141.25	-3.694	0.000000
Katol 132kV	17/01/2020 15:30:00	63	11000.0	5570.0	4312.65	-1257.35	11.43	0.00	-4.025	0.000000
Katol 132kV	17/01/2020 15:45:00	64	11000.0	4952.5	3671.4	-1281.1	11.65	0.00	3.363	0.000000
Katol 132kV	17/01/2020 16:00:00	65	11000.0	3818.25	2728.4	-1089.85	9.91	0.00	2.160	0.000000
Katol 132kV	17/01/2020 16:15:00	66	11000.0	3024.0	1665.3	-1358.7	12.35	0.00	4.357	0.000000
Katol 132kV	17/01/2020 16:30:00	67	11000.0	1946.25	1338.35	-607.9	5.53	0.00	5.350	0.000000
Katol 132kV	17/01/2020 16:45:00	68	11000.0	996.75	951.45	-45.3	0.41	0.00	4.140	0.000000
Katol 132kV	17/01/2020 17:00:00	69	11000.0	605.25	632.7	27.45	0.25	0.00	0.000	0.000000
Katol 132kV	17/01/2020 17:15:00	70	11000.0	265.5	322.15	56.65	0.52	0.00	-2.700	0.000000
Katol 132kV	17/01/2020 17:30:00	71	11000.0	54.0	102.1	48.1	0.44	0.00	-2.701	0.000000
Katol 132kV	17/01/2020 17:45:00	72	11000.0	0.0	10.2	10.2	0.09	0.00	-1.620	0.000000
Katol 132kV	17/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-2.392	0.000000
Katol 132kV	17/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-3.458	0.000000
Katol 132kV	17/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-5.019	0.000000

Katol 132kV	17/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	3.363	0.000000
Katol 132kV	17/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	1.080	0.000000
Katol 132kV	17/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	3.694	0.000000
Katol 132kV	17/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-2.701	0.000000
Katol 132kV	17/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Katol 132kV	17/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Katol 132kV	17/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-6.013	0.000000
Katol 132kV	17/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-5.019	0.000000
Katol 132kV	17/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	4.688	0.000000
Katol 132kV	17/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Katol 132kV	17/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	2.700	0.000000
Katol 132kV	17/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-5.350	0.000000
Katol 132kV	17/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Katol 132kV	17/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-4.687	0.000000
Katol 132kV	17/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	6.675	0.000000
Katol 132kV	17/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	1.620	0.000000
Katol 132kV	17/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-2.700	0.000000
Katol 132kV	17/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Katol 132kV	17/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Katol 132kV	17/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	5.350	0.000000
Katol 132kV	17/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	3.032	0.000000

Katol 132kV	18/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	5.034	0.000000
Katol 132kV	18/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Katol 132kV	18/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Katol 132kV	18/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	-1.973	0.000000
Katol 132kV	18/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	-2.671	0.000000
Katol 132kV	18/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Katol 132kV	18/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Katol 132kV	18/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-3.387	0.000000
Katol 132kV	18/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-3.057	0.000000
Katol 132kV	18/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	1.637	0.000000
Katol 132kV	18/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Katol 132kV	18/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Katol 132kV	18/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Katol 132kV	18/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Katol 132kV	18/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Katol 132kV	18/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Katol 132kV	18/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	4.046	0.000000
Katol 132kV	18/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	-3.387	0.000000
Katol 132kV	18/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	-1.469	0.000000

Katol 132kV	18/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	-2.159	0.000000
Katol 132kV	18/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	-2.111	0.000000
Katol 132kV	18/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-1.637	0.000000
Katol 132kV	18/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-1.091	0.000000
Katol 132kV	18/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	-2.728	0.000000
Katol 132kV	18/01/2020 06:30:00	27	11000.0	0.0	0.0	0.0	0.0	0.00	-2.445	0.000000
Katol 132kV	18/01/2020 06:45:00	28	11000.0	46.75	23.2	-23.55	0.21	0.00	-1.519	0.000000
Katol 132kV	18/01/2020 07:00:00	29	11000.0	187.0	126.95	-60.05	0.55	0.00	-1.495	0.000000
Katol 132kV	18/01/2020 07:15:00	30	11000.0	524.87	334.35	-190.52	1.73	0.00	-4.046	0.000000
Katol 132kV	18/01/2020 07:30:00	31	11000.0	890.38	595.0	-295.38	2.69	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 07:45:00	32	11000.0	1281.38	871.6	-409.78	3.73	0.00	-3.387	0.000000
Katol 132kV	18/01/2020 08:00:00	33	11000.0	2252.5	1372.35	-880.15	8.0	0.00	-0.546	0.000000
Katol 132kV	18/01/2020 08:15:00	34	11000.0	3395.75	2255.9	-1139.85	10.36	0.00	-3.716	0.000000
Katol 132kV	18/01/2020 08:30:00	35	11000.0	4188.37	2550.25	-1638.12	14.89	0.00	2.728	0.000000
Katol 132kV	18/01/2020 08:45:00	36	11000.0	4785.5	3142.5	-1643.0	14.94	0.00	3.387	0.000000
Katol 132kV	18/01/2020 09:00:00	37	11000.0	5310.38	4159.35	-1151.03	10.46	0.00	2.182	0.000000
Katol 132kV	18/01/2020 09:15:00	38	11000.0	5771.5	3449.5	-2322.0	21.11	336.00	-2.182	0.000000
Katol 132kV	18/01/2020 09:30:00	39	11000.0	6177.37	2802.8	-3374.57	30.68	1174.57	-2.728	0.000000
Katol 132kV	18/01/2020 09:45:00	40	11000.0	6528.0	3439.5	-3088.5	28.08	888.50	-2.182	0.000000
Katol 132kV	18/01/2020 10:00:00	41	11000.0	6812.75	3947.0	-2865.75	26.05	665.75	-3.057	0.000000
Katol 132kV	18/01/2020 10:15:00	42	11000.0	7061.38	5126.4	-1934.98	17.59	142.49	-3.387	0.000000

Katol 132kV	18/01/2020 10:30:00	43	11000.0	5284.07	6135.4	851.33	7.74	0.00	-2.182	-41.669461
Katol 132kV	18/01/2020 10:45:00	44	11000.0	5428.13	6073.95	645.82	5.87	0.00	-2.728	-17.960691
Katol 132kV	18/01/2020 11:00:00	45	11000.0	5488.55	6029.4	540.85	4.92	0.00	0.000	0.000000
Katol 132kV	18/01/2020 11:15:00	46	11000.0	5499.39	4008.45	-1490.94	13.55	0.00	-0.862	0.000000
Katol 132kV	18/01/2020 11:30:00	47	11000.0	5564.46	2857.55	-2706.91	24.61	528.46	-1.923	0.000000
Katol 132kV	18/01/2020 11:45:00	48	11000.0	5561.36	1818.2	-3743.16	34.03	1543.16	-1.637	0.000000
Katol 132kV	18/01/2020 12:00:00	49	11000.0	5567.56	2689.3	-2878.26	26.17	678.26	-2.182	0.000000
Katol 132kV	18/01/2020 12:15:00	50	11000.0	5555.16	6181.7	626.54	5.7	0.00	-3.057	-64.721388
Katol 132kV	18/01/2020 12:30:00	51	11000.0	6388.44	8315.8	1927.36	17.52	138.68	4.375	0.000000
Katol 132kV	18/01/2020 12:45:00	52	11000.0	6370.62	8659.7	2289.08	20.81	319.54	-3.387	-46.048878
Katol 132kV	18/01/2020 13:00:00	53	11000.0	4748.57	6634.3	1885.73	17.14	117.87	-1.026	-207.226469
Katol 132kV	18/01/2020 13:15:00	54	11000.0	4693.79	7138.05	2444.26	22.22	397.13	-4.708	-980.758118
Katol 132kV	18/01/2020 13:30:00	55	11000.0	4621.64	6312.25	1690.61	15.37	20.31	-4.375	-425.507557
Katol 132kV	18/01/2020 13:45:00	56	11000.0	4550.83	7131.6	2580.77	23.46	465.39	-5.693	-662.697905
Katol 132kV	18/01/2020 14:00:00	57	11000.0	4409.2	6272.5	1863.3	16.94	106.65	-3.716	-53.406836
Katol 132kV	18/01/2020 14:15:00	58	11000.0	5377.81	4069.7	-1308.11	11.89	0.00	-4.046	0.000000
Katol 132kV	18/01/2020 14:30:00	59	11000.0	5135.06	3236.2	-1898.86	17.26	124.43	-3.716	0.000000
Katol 132kV	18/01/2020 14:45:00	60	11000.0	4843.08	2299.35	-2543.73	23.12	446.87	-2.631	0.000000
Katol 132kV	18/01/2020 15:00:00	61	11000.0	4529.04	3744.2	-784.84	7.13	0.00	0.000	0.000000
Katol 132kV	18/01/2020 15:15:00	62	11000.0	4172.56	5413.0	1240.44	11.28	0.00	-1.637	-217.543123
Katol 132kV	18/01/2020 15:30:00	63	11000.0	3782.12	4536.05	753.93	6.85	0.00	-2.728	-134.725317

Katol 132kV	18/01/2020 15:45:00	64	11000.0	3362.83	3731.35	368.52	3.35	0.00	3.716	0.000000
Katol 132kV	18/01/2020 16:00:00	65	11000.0	1650.0	2800.65	1150.65	10.46	0.00	1.637	0.000000
Katol 132kV	18/01/2020 16:15:00	66	11000.0	1650.0	2273.6	623.6	5.67	0.00	-3.057	-10.703003
Katol 132kV	18/01/2020 16:30:00	67	11000.0	1468.37	1939.6	471.23	4.28	0.00	-2.728	-88.325427
Katol 132kV	18/01/2020 16:45:00	68	11000.0	752.01	1448.65	696.64	6.33	0.00	3.387	0.000000
Katol 132kV	18/01/2020 17:00:00	69	11000.0	456.64	909.55	452.91	4.12	0.00	-1.637	0.000000
Katol 132kV	18/01/2020 17:15:00	70	11000.0	200.31	473.15	272.84	2.48	0.00	-3.387	0.000000
Katol 132kV	18/01/2020 17:30:00	71	11000.0	40.74	176.6	135.86	1.24	0.00	-3.057	0.000000
Katol 132kV	18/01/2020 17:45:00	72	11000.0	0.0	30.65	30.65	0.28	0.00	-3.057	0.000000
Katol 132kV	18/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	-1.027	0.000000
Katol 132kV	18/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	-5.364	0.000000
Katol 132kV	18/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-3.716	0.000000
Katol 132kV	18/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	-2.728	0.000000
Katol 132kV	18/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	-1.091	0.000000
Katol 132kV	18/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-3.055	0.000000
Katol 132kV	18/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	2.728	0.000000
Katol 132kV	18/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	2.182	0.000000
Katol 132kV	18/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000

Katol 132kV	18/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	0.546	0.000000
Katol 132kV	18/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-1.637	0.000000
Katol 132kV	18/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-3.057	0.000000
Katol 132kV	18/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	3.387	0.000000
Katol 132kV	18/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	2.182	0.000000
Katol 132kV	18/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	18/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Katol 132kV	18/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	19/01/2020 00:00:00	1	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	19/01/2020 00:15:00	2	11000.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Katol 132kV	19/01/2020 00:30:00	3	11000.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Katol 132kV	19/01/2020 00:45:00	4	11000.0	0.0	0.0	0.0	0.0	0.00	2.957	0.000000
Katol 132kV	19/01/2020 01:00:00	5	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 01:15:00	6	11000.0	0.0	0.0	0.0	0.0	0.00	2.957	0.000000
Katol 132kV	19/01/2020 01:30:00	7	11000.0	0.0	0.0	0.0	0.0	0.00	3.630	0.000000
Katol 132kV	19/01/2020 01:45:00	8	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 02:00:00	9	11000.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000

Katol 132kV	19/01/2020 02:15:00	10	11000.0	0.0	0.0	0.0	0.0	0.00	-3.966	0.000000
Katol 132kV	19/01/2020 02:30:00	11	11000.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Katol 132kV	19/01/2020 02:45:00	12	11000.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Katol 132kV	19/01/2020 03:00:00	13	11000.0	0.0	0.0	0.0	0.0	0.00	-2.958	0.000000
Katol 132kV	19/01/2020 03:15:00	14	11000.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Katol 132kV	19/01/2020 03:30:00	15	11000.0	0.0	0.0	0.0	0.0	0.00	-3.293	0.000000
Katol 132kV	19/01/2020 03:45:00	16	11000.0	0.0	0.0	0.0	0.0	0.00	2.622	0.000000
Katol 132kV	19/01/2020 04:00:00	17	11000.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Katol 132kV	19/01/2020 04:15:00	18	11000.0	0.0	0.0	0.0	0.0	0.00	-2.958	0.000000
Katol 132kV	19/01/2020 04:30:00	19	11000.0	0.0	0.0	0.0	0.0	0.00	1.573	0.000000
Katol 132kV	19/01/2020 04:45:00	20	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 05:00:00	21	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 05:15:00	22	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 05:30:00	23	11000.0	0.0	0.0	0.0	0.0	0.00	0.625	0.000000
Katol 132kV	19/01/2020 05:45:00	24	11000.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Katol 132kV	19/01/2020 06:00:00	25	11000.0	0.0	0.0	0.0	0.0	0.00	-0.424	0.000000
Katol 132kV	19/01/2020 06:15:00	26	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	19/01/2020 06:30:00	27	11000.0	27.5	0.0	-27.5	0.25	0.00	2.956	0.000000
Katol 132kV	19/01/2020 06:45:00	28	11000.0	195.25	19.2	-176.05	1.6	0.00	4.302	237.460178
Katol 132kV	19/01/2020 07:00:00	29	11000.0	489.5	117.45	-372.05	3.38	0.00	2.097	126.264988
Katol 132kV	19/01/2020 07:15:00	30	11000.0	874.5	298.95	-575.55	5.23	0.00	3.294	286.444861

Katol 132kV	19/01/2020 07:30:00	31	11000.0	1281.5	626.85	-654.65	5.95	0.00	-3.630	0.000000
Katol 132kV	19/01/2020 07:45:00	32	11000.0	1952.5	1091.0	-861.5	7.83	0.00	-5.311	0.000000
Katol 132kV	19/01/2020 08:00:00	33	11000.0	3000.25	1427.05	-1573.2	14.3	0.00	-3.966	0.000000
Katol 132kV	19/01/2020 08:15:00	34	11000.0	3751.0	1749.6	-2001.4	18.19	175.70	-5.647	0.000000
Katol 132kV	19/01/2020 08:30:00	35	11000.0	4446.75	2419.45	-2027.3	18.43	188.65	6.655	0.000000
Katol 132kV	19/01/2020 08:45:00	36	11000.0	5115.0	3099.3	-2015.7	18.32	182.85	-3.966	0.000000
Katol 132kV	19/01/2020 09:00:00	37	11000.0	5634.75	4162.6	-1472.15	13.38	0.00	-3.966	0.000000
Katol 132kV	19/01/2020 09:15:00	38	11000.0	5333.67	4797.8	-535.87	4.87	0.00	-3.966	0.000000
Katol 132kV	19/01/2020 09:30:00	39	11000.0	5673.24	4491.2	-1182.04	10.75	0.00	-2.621	0.000000
Katol 132kV	19/01/2020 09:45:00	40	11000.0	5995.84	4793.3	-1202.54	10.93	0.00	-2.958	0.000000
Katol 132kV	19/01/2020 10:00:00	41	11000.0	6197.15	5307.4	-889.75	8.09	0.00	-3.294	0.000000
Katol 132kV	19/01/2020 10:15:00	42	11000.0	6582.81	4550.15	-2032.66	18.48	191.33	3.966	0.000000
Katol 132kV	19/01/2020 10:30:00	43	11000.0	6805.95	3439.55	-3366.4	30.6	1166.40	2.621	0.000000
Katol 132kV	19/01/2020 10:45:00	44	11000.0	7031.52	4033.2	-2998.32	27.26	798.32	1.573	0.000000
Katol 132kV	19/01/2020 11:00:00	45	11000.0	7215.86	4015.45	-3200.41	29.09	1000.41	0.000	0.000000
Katol 132kV	19/01/2020 11:15:00	46	11000.0	7276.5	3874.9	-3401.6	30.92	1201.60	0.000	0.000000
Katol 132kV	19/01/2020 11:30:00	47	11000.0	7291.05	4707.9	-2583.15	23.48	466.58	2.621	0.000000
Katol 132kV	19/01/2020 11:45:00	48	11000.0	7308.03	5969.3	-1338.73	12.17	0.00	1.049	0.000000
Katol 132kV	19/01/2020 12:00:00	49	11000.0	5482.49	5221.7	-260.79	2.37	0.00	2.097	0.000000
Katol 132kV	19/01/2020 12:15:00	50	11000.0	5467.96	5102.7	-365.26	3.32	0.00	5.983	0.000000
Katol 132kV	19/01/2020 12:30:00	51	11000.0	5322.63	4567.05	-755.58	6.87	0.00	5.311	0.000000

Katol 132kV	19/01/2020 12:45:00	52	11000.0	5229.98	4914.1	-315.88	2.87	0.00	-4.638	0.000000
Katol 132kV	19/01/2020 13:00:00	53	11000.0	5059.22	5271.4	212.18	1.93	0.00	-2.621	-37.268180
Katol 132kV	19/01/2020 13:15:00	54	11000.0	4953.86	4866.6	-87.26	0.79	0.00	1.573	0.000000
Katol 132kV	19/01/2020 13:30:00	55	11000.0	4708.62	4352.95	-355.67	3.23	0.00	2.097	0.000000
Katol 132kV	19/01/2020 13:45:00	56	11000.0	4483.36	4274.25	-209.11	1.9	0.00	1.048	0.000000
Katol 132kV	19/01/2020 14:00:00	57	11000.0	4281.72	4017.25	-264.47	2.4	0.00	0.000	0.000000
Katol 132kV	19/01/2020 14:15:00	58	11000.0	4021.95	4204.7	182.75	1.66	0.00	0.000	0.000000
Katol 132kV	19/01/2020 14:30:00	59	11000.0	3840.29	4594.3	754.01	6.85	0.00	0.000	0.000000
Katol 132kV	19/01/2020 14:45:00	60	11000.0	3489.68	4337.85	848.17	7.71	0.00	3.294	0.000000
Katol 132kV	19/01/2020 15:00:00	61	11000.0	3110.01	3399.75	289.74	2.63	0.00	1.048	0.000000
Katol 132kV	19/01/2020 15:15:00	62	11000.0	2710.36	2028.8	-681.56	6.2	0.00	2.621	0.000000
Katol 132kV	19/01/2020 15:30:00	63	11000.0	2321.61	1931.6	-390.01	3.55	0.00	4.975	0.000000
Katol 132kV	19/01/2020 15:45:00	64	11000.0	1894.71	2171.4	276.69	2.52	0.00	-3.630	-20.100994
Katol 132kV	19/01/2020 16:00:00	65	11000.0	1375.16	2688.55	1313.39	11.94	0.00	3.294	0.000000
Katol 132kV	19/01/2020 16:15:00	66	11000.0	828.37	2134.2	1305.83	11.87	0.00	-3.294	-29.641260
Katol 132kV	19/01/2020 16:30:00	67	11000.0	514.1	1204.15	690.05	6.27	0.00	-4.302	-192.514607
Katol 132kV	19/01/2020 16:45:00	68	11000.0	283.39	804.25	520.86	4.74	0.00	6.319	0.000000
Katol 132kV	19/01/2020 17:00:00	69	11000.0	107.18	402.9	295.72	2.69	0.00	2.173	0.000000
Katol 132kV	19/01/2020 17:15:00	70	11000.0	16.35	149.6	133.25	1.21	0.00	2.957	0.000000
Katol 132kV	19/01/2020 17:30:00	71	11000.0	0.0	45.5	45.5	0.41	0.00	3.294	0.000000
Katol 132kV	19/01/2020 17:45:00	72	11000.0	0.0	4.0	4.0	0.04	0.00	2.097	0.000000

Katol 132kV	19/01/2020 18:00:00	73	11000.0	0.0	0.0	0.0	0.0	0.00	2.621	0.000000
Katol 132kV	19/01/2020 18:15:00	74	11000.0	0.0	0.0	0.0	0.0	0.00	6.655	0.000000
Katol 132kV	19/01/2020 18:30:00	75	11000.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Katol 132kV	19/01/2020 18:45:00	76	11000.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Katol 132kV	19/01/2020 19:00:00	77	11000.0	0.0	0.0	0.0	0.0	0.00	1.048	0.000000
Katol 132kV	19/01/2020 19:15:00	78	11000.0	0.0	0.0	0.0	0.0	0.00	-1.049	0.000000
Katol 132kV	19/01/2020 19:30:00	79	11000.0	0.0	0.0	0.0	0.0	0.00	-1.049	0.000000
Katol 132kV	19/01/2020 19:45:00	80	11000.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Katol 132kV	19/01/2020 20:00:00	81	11000.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Katol 132kV	19/01/2020 20:15:00	82	11000.0	0.0	0.0	0.0	0.0	0.00	-5.311	0.000000
Katol 132kV	19/01/2020 20:30:00	83	11000.0	0.0	0.0	0.0	0.0	0.00	-4.302	0.000000
Katol 132kV	19/01/2020 20:45:00	84	11000.0	0.0	0.0	0.0	0.0	0.00	-2.957	0.000000
Katol 132kV	19/01/2020 21:00:00	85	11000.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Katol 132kV	19/01/2020 21:15:00	86	11000.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Katol 132kV	19/01/2020 21:30:00	87	11000.0	0.0	0.0	0.0	0.0	0.00	-2.510	0.000000
Katol 132kV	19/01/2020 21:45:00	88	11000.0	0.0	0.0	0.0	0.0	0.00	-1.313	0.000000
Katol 132kV	19/01/2020 22:00:00	89	11000.0	0.0	0.0	0.0	0.0	0.00	-1.954	0.000000
Katol 132kV	19/01/2020 22:15:00	90	11000.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Katol 132kV	19/01/2020 22:30:00	91	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Katol 132kV	19/01/2020 22:45:00	92	11000.0	0.0	0.0	0.0	0.0	0.00	-1.048	0.000000
Katol 132kV	19/01/2020 23:00:00	93	11000.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000

Katol 132kV	19/01/2020 23:15:00	94	11000.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Katol 132kV	19/01/2020 23:30:00	95	11000.0	0.0	0.0	0.0	0.0	0.00	-0.945	0.000000
Katol 132kV	19/01/2020 23:45:00	96	11000.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	4.514	0.000000
Mansar 132kV	13/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Mansar 132kV	13/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Mansar 132kV	13/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	4.197	0.000000
Mansar 132kV	13/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	1.757	0.000000
Mansar 132kV	13/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	4.196	0.000000
Mansar 132kV	13/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Mansar 132kV	13/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000
Mansar 132kV	13/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	-2.343	0.000000
Mansar 132kV	13/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-3.880	0.000000
Mansar 132kV	13/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	2.929	0.000000

Mansar 132kV	13/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	3.246	0.000000
Mansar 132kV	13/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	1.757	0.000000
Mansar 132kV	13/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000
Mansar 132kV	13/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Mansar 132kV	13/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Mansar 132kV	13/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-3.563	0.000000
Mansar 132kV	13/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	4.196	0.000000
Mansar 132kV	13/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-5.464	0.000000
Mansar 132kV	13/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-4.597	0.000000
Mansar 132kV	13/01/2020 07:00:00	29	0.0	0.0	16.0	16.0	0.0	0.00	-7.683	0.000000
Mansar 132kV	13/01/2020 07:15:00	30	0.0	0.0	49.0	49.0	0.0	0.00	4.831	0.000000
Mansar 132kV	13/01/2020 07:30:00	31	0.0	0.0	103.0	103.0	0.0	0.00	1.172	0.000000
Mansar 132kV	13/01/2020 07:45:00	32	0.0	0.0	197.0	197.0	0.0	0.00	0.586	0.000000
Mansar 132kV	13/01/2020 08:00:00	33	0.0	0.0	285.0	285.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 08:15:00	34	0.0	0.0	377.0	377.0	0.0	0.00	-2.343	0.000000
Mansar 132kV	13/01/2020 08:30:00	35	0.0	0.0	472.0	472.0	0.0	0.00	2.929	0.000000
Mansar 132kV	13/01/2020 08:45:00	36	0.0	0.0	564.0	564.0	0.0	0.00	1.757	0.000000
Mansar 132kV	13/01/2020 09:00:00	37	0.0	0.0	652.0	652.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 09:15:00	38	0.0	0.0	734.0	734.0	0.0	0.00	3.246	0.000000
Mansar 132kV	13/01/2020 09:30:00	39	0.0	0.0	809.0	809.0	0.0	0.00	4.831	0.000000

Mansar 132kV	13/01/2020 09:45:00	40	0.0	0.0	870.0	870.0	0.0	0.00	-1.757	0.000000
Mansar 132kV	13/01/2020 10:00:00	41	0.0	0.0	923.0	923.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 10:15:00	42	0.0	0.0	981.0	981.0	0.0	0.00	3.563	0.000000
Mansar 132kV	13/01/2020 10:30:00	43	0.0	0.0	1016.0	1016.0	0.0	0.00	2.931	0.000000
Mansar 132kV	13/01/2020 10:45:00	44	0.0	0.0	1051.0	1051.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 11:00:00	45	0.0	0.0	1087.0	1087.0	0.0	0.00	-4.514	0.000000
Mansar 132kV	13/01/2020 11:15:00	46	0.0	0.0	1116.0	1116.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 11:30:00	47	0.0	0.0	1130.0	1130.0	0.0	0.00	-2.343	0.000000
Mansar 132kV	13/01/2020 11:45:00	48	0.0	0.0	1141.0	1141.0	0.0	0.00	4.197	0.000000
Mansar 132kV	13/01/2020 12:00:00	49	0.0	0.0	1153.0	1153.0	0.0	0.00	3.723	0.000000
Mansar 132kV	13/01/2020 12:15:00	50	0.0	0.0	1149.0	1149.0	0.0	0.00	3.880	0.000000
Mansar 132kV	13/01/2020 12:30:00	51	0.0	0.0	1140.0	1140.0	0.0	0.00	-1.757	0.000000
Mansar 132kV	13/01/2020 12:45:00	52	0.0	0.0	1128.0	1128.0	0.0	0.00	-1.757	0.000000
Mansar 132kV	13/01/2020 13:00:00	53	0.0	0.0	1114.0	1114.0	0.0	0.00	-1.172	0.000000
Mansar 132kV	13/01/2020 13:15:00	54	0.0	0.0	1090.0	1090.0	0.0	0.00	-1.172	0.000000
Mansar 132kV	13/01/2020 13:30:00	55	0.0	0.0	1052.0	1052.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 13:45:00	56	0.0	0.0	1006.0	1006.0	0.0	0.00	2.928	0.000000
Mansar 132kV	13/01/2020 14:00:00	57	0.0	0.0	956.0	956.0	0.0	0.00	-4.197	0.000000
Mansar 132kV	13/01/2020 14:15:00	58	0.0	0.0	893.0	893.0	0.0	0.00	-6.415	0.000000
Mansar 132kV	13/01/2020 14:30:00	59	0.0	0.0	824.0	824.0	0.0	0.00	-4.514	0.000000
Mansar 132kV	13/01/2020 14:45:00	60	0.0	0.0	748.0	748.0	0.0	0.00	-7.683	0.000000

Mansar 132kV	13/01/2020 15:00:00	61	0.0	0.0	679.0	679.0	0.0	0.00	1.757	0.000000
Mansar 132kV	13/01/2020 15:15:00	62	0.0	0.0	598.0	598.0	0.0	0.00	5.141	0.000000
Mansar 132kV	13/01/2020 15:30:00	63	0.0	0.0	494.0	494.0	0.0	0.00	-4.831	0.000000
Mansar 132kV	13/01/2020 15:45:00	64	0.0	0.0	395.0	395.0	0.0	0.00	-3.563	0.000000
Mansar 132kV	13/01/2020 16:00:00	65	0.0	0.0	293.0	293.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 16:15:00	66	0.0	0.0	201.0	201.0	0.0	0.00	-4.197	0.000000
Mansar 132kV	13/01/2020 16:30:00	67	0.0	0.0	118.0	118.0	0.0	0.00	-4.831	0.000000
Mansar 132kV	13/01/2020 16:45:00	68	0.0	0.0	64.0	64.0	0.0	0.00	-4.197	0.000000
Mansar 132kV	13/01/2020 17:00:00	69	0.0	0.0	38.0	38.0	0.0	0.00	-3.246	0.000000
Mansar 132kV	13/01/2020 17:15:00	70	0.0	0.0	21.0	21.0	0.0	0.00	-3.880	0.000000
Mansar 132kV	13/01/2020 17:30:00	71	0.0	0.0	5.0	5.0	0.0	0.00	-3.880	0.000000
Mansar 132kV	13/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Mansar 132kV	13/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	3.563	0.000000
Mansar 132kV	13/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	0.586	0.000000
Mansar 132kV	13/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	-0.586	0.000000
Mansar 132kV	13/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Mansar 132kV	13/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Mansar 132kV	13/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Mansar 132kV	13/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-1.757	0.000000

Mansar 132kV	13/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-4.830	0.000000
Mansar 132kV	13/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-3.246	0.000000
Mansar 132kV	13/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	4.514	0.000000
Mansar 132kV	13/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-5.464	0.000000
Mansar 132kV	13/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-2.929	0.000000
Mansar 132kV	13/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-1.632	0.000000
Mansar 132kV	13/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	13/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-4.514	0.000000
Mansar 132kV	13/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	5.781	0.000000
Mansar 132kV	13/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	2.344	0.000000
Mansar 132kV	13/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-1.172	0.000000
Mansar 132kV	13/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	2.343	0.000000
Mansar 132kV	13/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	1.199	0.000000
Mansar 132kV	13/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	13/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	14/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	-0.550	0.000000
Mansar 132kV	14/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-2.857	0.000000
Mansar 132kV	14/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-1.962	0.000000
Mansar 132kV	14/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-1.499	0.000000

Mansar 132kV	14/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-2.722	0.000000
Mansar 132kV	14/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-3.406	0.000000
Mansar 132kV	14/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	3.078	0.000000
Mansar 132kV	14/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	1.100	0.000000
Mansar 132kV	14/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.406	0.000000
Mansar 132kV	14/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	3.406	0.000000
Mansar 132kV	14/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	4.769	0.000000
Mansar 132kV	14/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	3.405	0.000000
Mansar 132kV	14/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-4.062	0.000000
Mansar 132kV	14/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-1.734	0.000000
Mansar 132kV	14/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	-1.503	0.000000
Mansar 132kV	14/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Mansar 132kV	14/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	3.734	0.000000
Mansar 132kV	14/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	3.406	0.000000
Mansar 132kV	14/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	5.703	0.000000
Mansar 132kV	14/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	4.390	0.000000
Mansar 132kV	14/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	0.559	0.000000
Mansar 132kV	14/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	3.406	0.000000

Mansar 132kV	14/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	4.390	0.000000
Mansar 132kV	14/01/2020 07:00:00	29	0.0	0.0	14.0	14.0	0.0	0.00	4.766	0.000000
Mansar 132kV	14/01/2020 07:15:00	30	0.0	0.0	42.0	42.0	0.0	0.00	16.000	0.000000
Mansar 132kV	14/01/2020 07:30:00	31	0.0	0.0	88.0	88.0	0.0	0.00	8.121	0.000000
Mansar 132kV	14/01/2020 07:45:00	32	0.0	0.0	172.0	172.0	0.0	0.00	5.472	0.000000
Mansar 132kV	14/01/2020 08:00:00	33	0.0	0.0	252.0	252.0	0.0	0.00	3.967	0.000000
Mansar 132kV	14/01/2020 08:15:00	34	0.0	0.0	335.0	335.0	0.0	0.00	4.736	0.000000
Mansar 132kV	14/01/2020 08:30:00	35	0.0	0.0	420.0	420.0	0.0	0.00	3.861	0.000000
Mansar 132kV	14/01/2020 08:45:00	36	0.0	0.0	506.0	506.0	0.0	0.00	4.294	0.000000
Mansar 132kV	14/01/2020 09:00:00	37	0.0	0.0	590.0	590.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 09:15:00	38	0.0	0.0	666.0	666.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 09:30:00	39	0.0	0.0	739.0	739.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 09:45:00	40	0.0	0.0	804.0	804.0	0.0	0.00	-0.988	0.000000
Mansar 132kV	14/01/2020 10:00:00	41	0.0	0.0	859.0	859.0	0.0	0.00	-3.406	0.000000
Mansar 132kV	14/01/2020 10:15:00	42	0.0	0.0	915.0	915.0	0.0	0.00	1.100	0.000000
Mansar 132kV	14/01/2020 10:30:00	43	0.0	0.0	965.0	965.0	0.0	0.00	-1.100	0.000000
Mansar 132kV	14/01/2020 10:45:00	44	0.0	0.0	1007.0	1007.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 11:00:00	45	0.0	0.0	1041.0	1041.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 11:15:00	46	0.0	0.0	1067.0	1067.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 11:30:00	47	0.0	0.0	1067.0	1067.0	0.0	0.00	1.650	0.000000
Mansar 132kV	14/01/2020 11:45:00	48	0.0	0.0	1071.0	1071.0	0.0	0.00	2.750	0.000000

Mansar 132kV	14/01/2020 12:00:00	49	0.0	0.0	1077.0	1077.0	0.0	0.00	1.100	0.000000
Mansar 132kV	14/01/2020 12:15:00	50	0.0	0.0	1070.0	1070.0	0.0	0.00	4.391	0.000000
Mansar 132kV	14/01/2020 12:30:00	51	0.0	0.0	1060.0	1060.0	0.0	0.00	-2.199	0.000000
Mansar 132kV	14/01/2020 12:45:00	52	0.0	0.0	1050.0	1050.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 13:00:00	53	0.0	0.0	1024.0	1024.0	0.0	0.00	0.000	0.000000
Mansar 132kV	14/01/2020 13:15:00	54	0.0	0.0	990.0	990.0	0.0	0.00	-1.100	0.000000
Mansar 132kV	14/01/2020 13:30:00	55	0.0	0.0	961.0	961.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 13:45:00	56	0.0	0.0	921.0	921.0	0.0	0.00	2.749	0.000000
Mansar 132kV	14/01/2020 14:00:00	57	0.0	0.0	877.0	877.0	0.0	0.00	1.100	0.000000
Mansar 132kV	14/01/2020 14:15:00	58	0.0	0.0	823.0	823.0	0.0	0.00	1.650	0.000000
Mansar 132kV	14/01/2020 14:30:00	59	0.0	0.0	759.0	759.0	0.0	0.00	-1.100	0.000000
Mansar 132kV	14/01/2020 14:45:00	60	0.0	0.0	691.0	691.0	0.0	0.00	-2.200	0.000000
Mansar 132kV	14/01/2020 15:00:00	61	0.0	0.0	614.0	614.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 15:15:00	62	0.0	0.0	528.0	528.0	0.0	0.00	-3.406	0.000000
Mansar 132kV	14/01/2020 15:30:00	63	0.0	0.0	447.0	447.0	0.0	0.00	-0.550	0.000000
Mansar 132kV	14/01/2020 15:45:00	64	0.0	0.0	360.0	360.0	0.0	0.00	3.078	0.000000
Mansar 132kV	14/01/2020 16:00:00	65	0.0	0.0	283.0	283.0	0.0	0.00	2.199	0.000000
Mansar 132kV	14/01/2020 16:15:00	66	0.0	0.0	209.0	209.0	0.0	0.00	-4.062	0.000000
Mansar 132kV	14/01/2020 16:30:00	67	0.0	0.0	143.0	143.0	0.0	0.00	5.375	0.000000
Mansar 132kV	14/01/2020 16:45:00	68	0.0	0.0	91.0	91.0	0.0	0.00	-7.016	0.000000
Mansar 132kV	14/01/2020 17:00:00	69	0.0	0.0	51.0	51.0	0.0	0.00	4.390	0.000000

Mansar 132kV	14/01/2020 17:15:00	70	0.0	0.0	27.0	27.0	0.0	0.00	-4.390	0.000000
Mansar 132kV	14/01/2020 17:30:00	71	0.0	0.0	8.0	8.0	0.0	0.00	-6.359	0.000000
Mansar 132kV	14/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-3.078	0.000000
Mansar 132kV	14/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-5.703	0.000000
Mansar 132kV	14/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-6.360	0.000000
Mansar 132kV	14/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Mansar 132kV	14/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-2.749	0.000000
Mansar 132kV	14/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-1.650	0.000000
Mansar 132kV	14/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	0.550	0.000000
Mansar 132kV	14/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	2.200	0.000000
Mansar 132kV	14/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	2.199	0.000000
Mansar 132kV	14/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-3.078	0.000000
Mansar 132kV	14/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	-4.718	0.000000
Mansar 132kV	14/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-1.204	0.000000
Mansar 132kV	14/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-1.326	0.000000
Mansar 132kV	14/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-0.633	0.000000
Mansar 132kV	14/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	-0.493	0.000000
Mansar 132kV	14/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-1.963	0.000000
Mansar 132kV	14/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	-1.913	0.000000

Mansar 132kV	14/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	-2.199	0.000000
Mansar 132kV	14/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-0.874	0.000000
Mansar 132kV	14/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-0.975	0.000000
Mansar 132kV	14/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-0.577	0.000000
Mansar 132kV	14/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	-0.911	0.000000
Mansar 132kV	14/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	-0.550	0.000000
Mansar 132kV	15/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Mansar 132kV	15/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.073	0.000000
Mansar 132kV	15/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-5.008	0.000000
Mansar 132kV	15/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-3.310	0.000000
Mansar 132kV	15/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-2.114	0.000000
Mansar 132kV	15/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-1.073	0.000000
Mansar 132kV	15/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Mansar 132kV	15/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-4.676	0.000000

Mansar 132kV	15/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-4.011	0.000000
Mansar 132kV	15/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000
Mansar 132kV	15/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	-1.131	0.000000
Mansar 132kV	15/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	-2.114	0.000000
Mansar 132kV	15/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-2.436	0.000000
Mansar 132kV	15/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Mansar 132kV	15/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-4.676	0.000000
Mansar 132kV	15/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-2.618	0.000000
Mansar 132kV	15/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	-3.679	0.000000
Mansar 132kV	15/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-0.905	0.000000
Mansar 132kV	15/01/2020 07:00:00	29	0.0	0.0	15.0	15.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 07:15:00	30	0.0	0.0	47.0	47.0	0.0	0.00	3.678	0.000000
Mansar 132kV	15/01/2020 07:30:00	31	0.0	0.0	91.0	91.0	0.0	0.00	-4.011	0.000000
Mansar 132kV	15/01/2020 07:45:00	32	0.0	0.0	158.0	158.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 08:00:00	33	0.0	0.0	229.0	229.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 08:15:00	34	0.0	0.0	299.0	299.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 08:30:00	35	0.0	0.0	374.0	374.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 08:45:00	36	0.0	0.0	399.0	399.0	0.0	0.00	-2.681	0.000000

Mansar 132kV	15/01/2020 09:00:00	37	0.0	0.0	500.0	500.0	0.0	0.00	3.014	0.000000
Mansar 132kV	15/01/2020 09:15:00	38	0.0	0.0	604.0	604.0	0.0	0.00	1.609	0.000000
Mansar 132kV	15/01/2020 09:30:00	39	0.0	0.0	685.0	685.0	0.0	0.00	-0.536	0.000000
Mansar 132kV	15/01/2020 09:45:00	40	0.0	0.0	739.0	739.0	0.0	0.00	-0.536	0.000000
Mansar 132kV	15/01/2020 10:00:00	41	0.0	0.0	800.0	800.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 10:15:00	42	0.0	0.0	842.0	842.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 10:30:00	43	0.0	0.0	894.0	894.0	0.0	0.00	-2.682	0.000000
Mansar 132kV	15/01/2020 10:45:00	44	0.0	0.0	949.0	949.0	0.0	0.00	-2.763	0.000000
Mansar 132kV	15/01/2020 11:00:00	45	0.0	0.0	981.0	981.0	0.0	0.00	-4.011	0.000000
Mansar 132kV	15/01/2020 11:15:00	46	0.0	0.0	996.0	996.0	0.0	0.00	-1.065	0.000000
Mansar 132kV	15/01/2020 11:30:00	47	0.0	0.0	1013.0	1013.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 11:45:00	48	0.0	0.0	1026.0	1026.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 12:00:00	49	0.0	0.0	1027.0	1027.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 12:15:00	50	0.0	0.0	1030.0	1030.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 12:30:00	51	0.0	0.0	1030.0	1030.0	0.0	0.00	-3.014	0.000000
Mansar 132kV	15/01/2020 12:45:00	52	0.0	0.0	1010.0	1010.0	0.0	0.00	2.681	0.000000
Mansar 132kV	15/01/2020 13:00:00	53	0.0	0.0	976.0	976.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 13:15:00	54	0.0	0.0	937.0	937.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 13:30:00	55	0.0	0.0	919.0	919.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 13:45:00	56	0.0	0.0	869.0	869.0	0.0	0.00	-1.073	0.000000
Mansar 132kV	15/01/2020 14:00:00	57	0.0	0.0	821.0	821.0	0.0	0.00	0.000	0.000000

Mansar 132kV	15/01/2020 14:15:00	58	0.0	0.0	770.0	770.0	0.0	0.00	2.145	0.000000
Mansar 132kV	15/01/2020 14:30:00	59	0.0	0.0	705.0	705.0	0.0	0.00	1.609	0.000000
Mansar 132kV	15/01/2020 14:45:00	60	0.0	0.0	635.0	635.0	0.0	0.00	-2.145	0.000000
Mansar 132kV	15/01/2020 15:00:00	61	0.0	0.0	568.0	568.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 15:15:00	62	0.0	0.0	509.0	509.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 15:30:00	63	0.0	0.0	429.0	429.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 15:45:00	64	0.0	0.0	339.0	339.0	0.0	0.00	2.145	0.000000
Mansar 132kV	15/01/2020 16:00:00	65	0.0	0.0	267.0	267.0	0.0	0.00	1.073	0.000000
Mansar 132kV	15/01/2020 16:15:00	66	0.0	0.0	210.0	210.0	0.0	0.00	-3.022	0.000000
Mansar 132kV	15/01/2020 16:30:00	67	0.0	0.0	157.0	157.0	0.0	0.00	3.679	0.000000
Mansar 132kV	15/01/2020 16:45:00	68	0.0	0.0	109.0	109.0	0.0	0.00	-1.609	0.000000
Mansar 132kV	15/01/2020 17:00:00	69	0.0	0.0	63.0	63.0	0.0	0.00	0.536	0.000000
Mansar 132kV	15/01/2020 17:15:00	70	0.0	0.0	33.0	33.0	0.0	0.00	-2.145	0.000000
Mansar 132kV	15/01/2020 17:30:00	71	0.0	0.0	8.0	8.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-1.298	0.000000
Mansar 132kV	15/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000
Mansar 132kV	15/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	4.344	0.000000
Mansar 132kV	15/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Mansar 132kV	15/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Mansar 132kV	15/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-2.145	0.000000

Mansar 132kV	15/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-1.256	0.000000
Mansar 132kV	15/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-1.164	0.000000
Mansar 132kV	15/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-1.833	0.000000
Mansar 132kV	15/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-3.346	0.000000
Mansar 132kV	15/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	3.014	0.000000
Mansar 132kV	15/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	3.016	0.000000
Mansar 132kV	15/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	4.343	0.000000
Mansar 132kV	15/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-3.014	0.000000
Mansar 132kV	15/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-0.536	0.000000
Mansar 132kV	15/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	15/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-2.654	0.000000
Mansar 132kV	15/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	2.145	0.000000
Mansar 132kV	15/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	3.014	0.000000
Mansar 132kV	15/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	2.145	0.000000
Mansar 132kV	15/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Mansar 132kV	15/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	1.609	0.000000
Mansar 132kV	15/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	0.536	0.000000
Mansar 132kV	15/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000

Mansar 132kV	16/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Mansar 132kV	16/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Mansar 132kV	16/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Mansar 132kV	16/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Mansar 132kV	16/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Mansar 132kV	16/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000
Mansar 132kV	16/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	2.039	0.000000
Mansar 132kV	16/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	1.019	0.000000
Mansar 132kV	16/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	3.911	0.000000
Mansar 132kV	16/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	5.274	0.000000
Mansar 132kV	16/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	5.955	0.000000
Mansar 132kV	16/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	-3.570	0.000000
Mansar 132kV	16/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	4.252	0.000000
Mansar 132kV	16/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Mansar 132kV	16/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	3.911	0.000000
Mansar 132kV	16/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	3.570	0.000000

Mansar 132kV	16/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-3.911	0.000000
Mansar 132kV	16/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Mansar 132kV	16/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-3.911	0.000000
Mansar 132kV	16/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	4.509	0.000000
Mansar 132kV	16/01/2020 07:00:00	29	0.0	0.0	12.0	12.0	0.0	0.00	-2.548	0.000000
Mansar 132kV	16/01/2020 07:15:00	30	0.0	0.0	35.0	35.0	0.0	0.00	3.570	0.000000
Mansar 132kV	16/01/2020 07:30:00	31	0.0	0.0	71.0	71.0	0.0	0.00	1.019	0.000000
Mansar 132kV	16/01/2020 07:45:00	32	0.0	0.0	145.0	145.0	0.0	0.00	1.529	0.000000
Mansar 132kV	16/01/2020 08:00:00	33	0.0	0.0	227.0	227.0	0.0	0.00	-0.510	0.000000
Mansar 132kV	16/01/2020 08:15:00	34	0.0	0.0	293.0	293.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 08:30:00	35	0.0	0.0	363.0	363.0	0.0	0.00	4.252	0.000000
Mansar 132kV	16/01/2020 08:45:00	36	0.0	0.0	435.0	435.0	0.0	0.00	2.037	0.000000
Mansar 132kV	16/01/2020 09:00:00	37	0.0	0.0	521.0	521.0	0.0	0.00	3.570	0.000000
Mansar 132kV	16/01/2020 09:15:00	38	0.0	0.0	599.0	599.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 09:30:00	39	0.0	0.0	661.0	661.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 09:45:00	40	0.0	0.0	718.0	718.0	0.0	0.00	-2.548	0.000000
Mansar 132kV	16/01/2020 10:00:00	41	0.0	0.0	774.0	774.0	0.0	0.00	-1.019	0.000000
Mansar 132kV	16/01/2020 10:15:00	42	0.0	0.0	824.0	824.0	0.0	0.00	2.039	0.000000
Mansar 132kV	16/01/2020 10:30:00	43	0.0	0.0	879.0	879.0	0.0	0.00	-1.530	0.000000
Mansar 132kV	16/01/2020 10:45:00	44	0.0	0.0	928.0	928.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 11:00:00	45	0.0	0.0	947.0	947.0	0.0	0.00	0.000	0.000000

Mansar 132kV	16/01/2020 11:15:00	46	0.0	0.0	880.0	880.0	0.0	0.00	2.039	0.000000
Mansar 132kV	16/01/2020 11:30:00	47	0.0	0.0	962.0	962.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 11:45:00	48	0.0	0.0	958.0	958.0	0.0	0.00	-2.038	0.000000
Mansar 132kV	16/01/2020 12:00:00	49	0.0	0.0	1030.0	1030.0	0.0	0.00	3.570	0.000000
Mansar 132kV	16/01/2020 12:15:00	50	0.0	0.0	1029.0	1029.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 12:30:00	51	0.0	0.0	1031.0	1031.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 12:45:00	52	0.0	0.0	1057.0	1057.0	0.0	0.00	-3.228	0.000000
Mansar 132kV	16/01/2020 13:00:00	53	0.0	0.0	1042.0	1042.0	0.0	0.00	-2.030	0.000000
Mansar 132kV	16/01/2020 13:15:00	54	0.0	0.0	1014.0	1014.0	0.0	0.00	-3.230	0.000000
Mansar 132kV	16/01/2020 13:30:00	55	0.0	0.0	974.0	974.0	0.0	0.00	4.593	0.000000
Mansar 132kV	16/01/2020 13:45:00	56	0.0	0.0	924.0	924.0	0.0	0.00	5.615	0.000000
Mansar 132kV	16/01/2020 14:00:00	57	0.0	0.0	858.0	858.0	0.0	0.00	5.273	0.000000
Mansar 132kV	16/01/2020 14:15:00	58	0.0	0.0	824.0	824.0	0.0	0.00	6.978	0.000000
Mansar 132kV	16/01/2020 14:30:00	59	0.0	0.0	747.0	747.0	0.0	0.00	-7.319	0.000000
Mansar 132kV	16/01/2020 14:45:00	60	0.0	0.0	684.0	684.0	0.0	0.00	-5.615	0.000000
Mansar 132kV	16/01/2020 15:00:00	61	0.0	0.0	614.0	614.0	0.0	0.00	-3.570	0.000000
Mansar 132kV	16/01/2020 15:15:00	62	0.0	0.0	519.0	519.0	0.0	0.00	-4.931	0.000000
Mansar 132kV	16/01/2020 15:30:00	63	0.0	0.0	450.0	450.0	0.0	0.00	3.570	0.000000
Mansar 132kV	16/01/2020 15:45:00	64	0.0	0.0	367.0	367.0	0.0	0.00	5.615	0.000000
Mansar 132kV	16/01/2020 16:00:00	65	0.0	0.0	294.0	294.0	0.0	0.00	4.593	0.000000
Mansar 132kV	16/01/2020 16:15:00	66	0.0	0.0	213.0	213.0	0.0	0.00	7.322	0.000000

Mansar 132kV	16/01/2020 16:30:00	67	0.0	0.0	164.0	164.0	0.0	0.00	-7.659	0.000000
Mansar 132kV	16/01/2020 16:45:00	68	0.0	0.0	108.0	108.0	0.0	0.00	4.933	0.000000
Mansar 132kV	16/01/2020 17:00:00	69	0.0	0.0	59.0	59.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 17:15:00	70	0.0	0.0	32.0	32.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 17:30:00	71	0.0	0.0	8.0	8.0	0.0	0.00	3.230	0.000000
Mansar 132kV	16/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-3.230	0.000000
Mansar 132kV	16/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-3.708	0.000000
Mansar 132kV	16/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	6.643	0.000000
Mansar 132kV	16/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	2.548	0.000000
Mansar 132kV	16/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	1.529	0.000000
Mansar 132kV	16/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	1.019	0.000000
Mansar 132kV	16/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Mansar 132kV	16/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-0.767	0.000000
Mansar 132kV	16/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-0.510	0.000000
Mansar 132kV	16/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-2.039	0.000000
Mansar 132kV	16/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	2.039	0.000000
Mansar 132kV	16/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	2.548	0.000000
Mansar 132kV	16/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	4.252	0.000000
Mansar 132kV	16/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-1.019	0.000000
Mansar 132kV	16/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000

Mansar 132kV	16/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	16/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	-1.529	0.000000
Mansar 132kV	16/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	-2.548	0.000000
Mansar 132kV	16/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-2.889	0.000000
Mansar 132kV	16/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	5.274	0.000000
Mansar 132kV	16/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	2.889	0.000000
Mansar 132kV	16/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	1.528	0.000000
Mansar 132kV	16/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	17/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Mansar 132kV	17/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Mansar 132kV	17/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Mansar 132kV	17/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Mansar 132kV	17/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	2.160	0.000000
Mansar 132kV	17/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	2.161	0.000000

Mansar 132kV	17/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	1.080	0.000000
Mansar 132kV	17/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	0.540	0.000000
Mansar 132kV	17/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	17/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	2.160	0.000000
Mansar 132kV	17/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	3.462	0.000000
Mansar 132kV	17/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	2.700	0.000000
Mansar 132kV	17/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-5.350	0.000000
Mansar 132kV	17/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	6.344	0.000000
Mansar 132kV	17/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-7.006	0.000000
Mansar 132kV	17/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-3.363	0.000000
Mansar 132kV	17/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	5.019	0.000000
Mansar 132kV	17/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	6.675	0.000000
Mansar 132kV	17/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Mansar 132kV	17/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-7.006	0.000000
Mansar 132kV	17/01/2020 07:00:00	29	0.0	0.0	9.0	9.0	0.0	0.00	-4.688	0.000000
Mansar 132kV	17/01/2020 07:15:00	30	0.0	0.0	26.0	26.0	0.0	0.00	-8.000	0.000000
Mansar 132kV	17/01/2020 07:30:00	31	0.0	0.0	60.0	60.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 07:45:00	32	0.0	0.0	68.0	68.0	0.0	0.00	-5.019	0.000000
Mansar 132kV	17/01/2020 08:00:00	33	0.0	0.0	117.0	117.0	0.0	0.00	-4.025	0.000000

Mansar 132kV	17/01/2020 08:15:00	34	0.0	0.0	152.0	152.0	0.0	0.00	-5.019	0.000000
Mansar 132kV	17/01/2020 08:30:00	35	0.0	0.0	121.0	121.0	0.0	0.00	5.350	0.000000
Mansar 132kV	17/01/2020 08:45:00	36	0.0	0.0	348.0	348.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 09:00:00	37	0.0	0.0	335.0	335.0	0.0	0.00	-2.393	0.000000
Mansar 132kV	17/01/2020 09:15:00	38	0.0	0.0	376.0	376.0	0.0	0.00	-5.195	0.000000
Mansar 132kV	17/01/2020 09:30:00	39	0.0	0.0	501.0	501.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 09:45:00	40	0.0	0.0	356.0	356.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 10:00:00	41	0.0	0.0	345.0	345.0	0.0	0.00	-2.159	0.000000
Mansar 132kV	17/01/2020 10:15:00	42	0.0	0.0	494.0	494.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 10:30:00	43	0.0	0.0	630.0	630.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 10:45:00	44	0.0	0.0	796.0	796.0	0.0	0.00	-2.701	0.000000
Mansar 132kV	17/01/2020 11:00:00	45	0.0	0.0	749.0	749.0	0.0	0.00	-2.160	0.000000
Mansar 132kV	17/01/2020 11:15:00	46	0.0	0.0	557.0	557.0	0.0	0.00	-2.701	0.000000
Mansar 132kV	17/01/2020 11:30:00	47	0.0	0.0	751.0	751.0	0.0	0.00	3.032	0.000000
Mansar 132kV	17/01/2020 11:45:00	48	0.0	0.0	862.0	862.0	0.0	0.00	1.620	0.000000
Mansar 132kV	17/01/2020 12:00:00	49	0.0	0.0	849.0	849.0	0.0	0.00	2.700	0.000000
Mansar 132kV	17/01/2020 12:15:00	50	0.0	0.0	820.0	820.0	0.0	0.00	5.769	0.000000
Mansar 132kV	17/01/2020 12:30:00	51	0.0	0.0	412.0	412.0	0.0	0.00	4.025	0.000000
Mansar 132kV	17/01/2020 12:45:00	52	0.0	0.0	375.0	375.0	0.0	0.00	4.025	0.000000
Mansar 132kV	17/01/2020 13:00:00	53	0.0	0.0	417.0	417.0	0.0	0.00	2.700	0.000000
Mansar 132kV	17/01/2020 13:15:00	54	0.0	0.0	519.0	519.0	0.0	0.00	-0.540	0.000000

Mansar 132kV	17/01/2020 13:30:00	55	0.0	0.0	780.0	780.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 13:45:00	56	0.0	0.0	862.0	862.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 14:00:00	57	0.0	0.0	773.0	773.0	0.0	0.00	0.000	0.000000
Mansar 132kV	17/01/2020 14:15:00	58	0.0	0.0	466.0	466.0	0.0	0.00	-3.536	0.000000
Mansar 132kV	17/01/2020 14:30:00	59	0.0	0.0	390.0	390.0	0.0	0.00	-3.363	0.000000
Mansar 132kV	17/01/2020 14:45:00	60	0.0	0.0	423.0	423.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 15:00:00	61	0.0	0.0	489.0	489.0	0.0	0.00	-1.273	0.000000
Mansar 132kV	17/01/2020 15:15:00	62	0.0	0.0	442.0	442.0	0.0	0.00	-3.694	0.000000
Mansar 132kV	17/01/2020 15:30:00	63	0.0	0.0	279.0	279.0	0.0	0.00	-4.025	0.000000
Mansar 132kV	17/01/2020 15:45:00	64	0.0	0.0	304.0	304.0	0.0	0.00	3.363	0.000000
Mansar 132kV	17/01/2020 16:00:00	65	0.0	0.0	280.0	280.0	0.0	0.00	2.160	0.000000
Mansar 132kV	17/01/2020 16:15:00	66	0.0	0.0	173.0	173.0	0.0	0.00	4.357	0.000000
Mansar 132kV	17/01/2020 16:30:00	67	0.0	0.0	150.0	150.0	0.0	0.00	5.350	0.000000
Mansar 132kV	17/01/2020 16:45:00	68	0.0	0.0	94.0	94.0	0.0	0.00	4.140	0.000000
Mansar 132kV	17/01/2020 17:00:00	69	0.0	0.0	45.0	45.0	0.0	0.00	0.000	0.000000
Mansar 132kV	17/01/2020 17:15:00	70	0.0	0.0	31.0	31.0	0.0	0.00	-2.700	0.000000
Mansar 132kV	17/01/2020 17:30:00	71	0.0	0.0	8.0	8.0	0.0	0.00	-2.701	0.000000
Mansar 132kV	17/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-1.620	0.000000
Mansar 132kV	17/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-2.392	0.000000
Mansar 132kV	17/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-3.458	0.000000
Mansar 132kV	17/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	-5.019	0.000000

Mansar 132kV	17/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	3.363	0.000000
Mansar 132kV	17/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	1.080	0.000000
Mansar 132kV	17/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	3.694	0.000000
Mansar 132kV	17/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-2.701	0.000000
Mansar 132kV	17/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Mansar 132kV	17/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-6.013	0.000000
Mansar 132kV	17/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-5.019	0.000000
Mansar 132kV	17/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	4.688	0.000000
Mansar 132kV	17/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-4.688	0.000000
Mansar 132kV	17/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	2.700	0.000000
Mansar 132kV	17/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-5.350	0.000000
Mansar 132kV	17/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	-4.357	0.000000
Mansar 132kV	17/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-4.687	0.000000
Mansar 132kV	17/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	6.675	0.000000
Mansar 132kV	17/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	1.620	0.000000
Mansar 132kV	17/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-2.700	0.000000
Mansar 132kV	17/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-1.080	0.000000
Mansar 132kV	17/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-3.032	0.000000
Mansar 132kV	17/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	5.350	0.000000
Mansar 132kV	17/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	3.032	0.000000

Mansar 132kV	18/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	5.034	0.000000
Mansar 132kV	18/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Mansar 132kV	18/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Mansar 132kV	18/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	-1.973	0.000000
Mansar 132kV	18/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	-2.671	0.000000
Mansar 132kV	18/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Mansar 132kV	18/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	-4.046	0.000000
Mansar 132kV	18/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-3.387	0.000000
Mansar 132kV	18/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	1.637	0.000000
Mansar 132kV	18/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Mansar 132kV	18/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Mansar 132kV	18/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Mansar 132kV	18/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Mansar 132kV	18/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000
Mansar 132kV	18/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	4.375	0.000000
Mansar 132kV	18/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	4.046	0.000000
Mansar 132kV	18/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	-3.387	0.000000
Mansar 132kV	18/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	-1.469	0.000000

Mansar 132kV	18/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	-2.159	0.000000
Mansar 132kV	18/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	-2.111	0.000000
Mansar 132kV	18/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-1.637	0.000000
Mansar 132kV	18/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-1.091	0.000000
Mansar 132kV	18/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	-2.728	0.000000
Mansar 132kV	18/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	-2.445	0.000000
Mansar 132kV	18/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	-1.519	0.000000
Mansar 132kV	18/01/2020 07:00:00	29	0.0	0.0	3.0	3.0	0.0	0.00	-1.495	0.000000
Mansar 132kV	18/01/2020 07:15:00	30	0.0	0.0	36.0	36.0	0.0	0.00	-4.046	0.000000
Mansar 132kV	18/01/2020 07:30:00	31	0.0	0.0	37.0	37.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 07:45:00	32	0.0	0.0	125.0	125.0	0.0	0.00	-3.387	0.000000
Mansar 132kV	18/01/2020 08:00:00	33	0.0	0.0	210.0	210.0	0.0	0.00	-0.546	0.000000
Mansar 132kV	18/01/2020 08:15:00	34	0.0	0.0	261.0	261.0	0.0	0.00	-3.716	0.000000
Mansar 132kV	18/01/2020 08:30:00	35	0.0	0.0	329.0	329.0	0.0	0.00	2.728	0.000000
Mansar 132kV	18/01/2020 08:45:00	36	0.0	0.0	406.0	406.0	0.0	0.00	3.387	0.000000
Mansar 132kV	18/01/2020 09:00:00	37	0.0	0.0	301.0	301.0	0.0	0.00	2.182	0.000000
Mansar 132kV	18/01/2020 09:15:00	38	0.0	0.0	322.0	322.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 09:30:00	39	0.0	0.0	300.0	300.0	0.0	0.00	-2.728	0.000000
Mansar 132kV	18/01/2020 09:45:00	40	0.0	0.0	144.0	144.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 10:00:00	41	0.0	0.0	595.0	595.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 10:15:00	42	0.0	0.0	447.0	447.0	0.0	0.00	-3.387	0.000000

Mansar 132kV	18/01/2020 10:30:00	43	0.0	0.0	410.0	410.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 10:45:00	44	0.0	0.0	533.0	533.0	0.0	0.00	-2.728	0.000000
Mansar 132kV	18/01/2020 11:00:00	45	0.0	0.0	482.0	482.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 11:15:00	46	0.0	0.0	938.0	938.0	0.0	0.00	-0.862	0.000000
Mansar 132kV	18/01/2020 11:30:00	47	0.0	0.0	752.0	752.0	0.0	0.00	-1.923	0.000000
Mansar 132kV	18/01/2020 11:45:00	48	0.0	0.0	516.0	516.0	0.0	0.00	-1.637	0.000000
Mansar 132kV	18/01/2020 12:00:00	49	0.0	0.0	875.0	875.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 12:15:00	50	0.0	0.0	976.0	976.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 12:30:00	51	0.0	0.0	968.0	968.0	0.0	0.00	4.375	0.000000
Mansar 132kV	18/01/2020 12:45:00	52	0.0	0.0	883.0	883.0	0.0	0.00	-3.387	0.000000
Mansar 132kV	18/01/2020 13:00:00	53	0.0	0.0	827.0	827.0	0.0	0.00	-1.026	0.000000
Mansar 132kV	18/01/2020 13:15:00	54	0.0	0.0	761.0	761.0	0.0	0.00	-4.708	0.000000
Mansar 132kV	18/01/2020 13:30:00	55	0.0	0.0	582.0	582.0	0.0	0.00	-4.375	0.000000
Mansar 132kV	18/01/2020 13:45:00	56	0.0	0.0	642.0	642.0	0.0	0.00	-5.693	0.000000
Mansar 132kV	18/01/2020 14:00:00	57	0.0	0.0	591.0	591.0	0.0	0.00	-3.716	0.000000
Mansar 132kV	18/01/2020 14:15:00	58	0.0	0.0	478.0	478.0	0.0	0.00	-4.046	0.000000
Mansar 132kV	18/01/2020 14:30:00	59	0.0	0.0	649.0	649.0	0.0	0.00	-3.716	0.000000
Mansar 132kV	18/01/2020 14:45:00	60	0.0	0.0	498.0	498.0	0.0	0.00	-2.631	0.000000
Mansar 132kV	18/01/2020 15:00:00	61	0.0	0.0	556.0	556.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 15:15:00	62	0.0	0.0	447.0	447.0	0.0	0.00	-1.637	0.000000
Mansar 132kV	18/01/2020 15:30:00	63	0.0	0.0	380.0	380.0	0.0	0.00	-2.728	0.000000

Mansar 132kV	18/01/2020 15:45:00	64	0.0	0.0	290.0	290.0	0.0	0.00	3.716	0.000000
Mansar 132kV	18/01/2020 16:00:00	65	0.0	0.0	272.0	272.0	0.0	0.00	1.637	0.000000
Mansar 132kV	18/01/2020 16:15:00	66	0.0	0.0	225.0	225.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 16:30:00	67	0.0	0.0	169.0	169.0	0.0	0.00	-2.728	0.000000
Mansar 132kV	18/01/2020 16:45:00	68	0.0	0.0	108.0	108.0	0.0	0.00	3.387	0.000000
Mansar 132kV	18/01/2020 17:00:00	69	0.0	0.0	60.0	60.0	0.0	0.00	-1.637	0.000000
Mansar 132kV	18/01/2020 17:15:00	70	0.0	0.0	32.0	32.0	0.0	0.00	-3.387	0.000000
Mansar 132kV	18/01/2020 17:30:00	71	0.0	0.0	10.0	10.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	-1.027	0.000000
Mansar 132kV	18/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	-5.364	0.000000
Mansar 132kV	18/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	-3.716	0.000000
Mansar 132kV	18/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	-2.728	0.000000
Mansar 132kV	18/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	-1.091	0.000000
Mansar 132kV	18/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-3.055	0.000000
Mansar 132kV	18/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	2.728	0.000000
Mansar 132kV	18/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	2.182	0.000000
Mansar 132kV	18/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	3.057	0.000000

Mansar 132kV	18/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	0.546	0.000000
Mansar 132kV	18/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-1.637	0.000000
Mansar 132kV	18/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	-3.057	0.000000
Mansar 132kV	18/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	3.387	0.000000
Mansar 132kV	18/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	2.182	0.000000
Mansar 132kV	18/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	18/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	-2.182	0.000000
Mansar 132kV	18/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 00:00:00	1	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 00:15:00	2	0.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Mansar 132kV	19/01/2020 00:30:00	3	0.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Mansar 132kV	19/01/2020 00:45:00	4	0.0	0.0	0.0	0.0	0.0	0.00	2.957	0.000000
Mansar 132kV	19/01/2020 01:00:00	5	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 01:15:00	6	0.0	0.0	0.0	0.0	0.0	0.00	2.957	0.000000
Mansar 132kV	19/01/2020 01:30:00	7	0.0	0.0	0.0	0.0	0.0	0.00	3.630	0.000000
Mansar 132kV	19/01/2020 01:45:00	8	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 02:00:00	9	0.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000

Mansar 132kV	19/01/2020 02:15:00	10	0.0	0.0	0.0	0.0	0.0	0.00	-3.966	0.000000
Mansar 132kV	19/01/2020 02:30:00	11	0.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Mansar 132kV	19/01/2020 02:45:00	12	0.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Mansar 132kV	19/01/2020 03:00:00	13	0.0	0.0	0.0	0.0	0.0	0.00	-2.958	0.000000
Mansar 132kV	19/01/2020 03:15:00	14	0.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Mansar 132kV	19/01/2020 03:30:00	15	0.0	0.0	0.0	0.0	0.0	0.00	-3.293	0.000000
Mansar 132kV	19/01/2020 03:45:00	16	0.0	0.0	0.0	0.0	0.0	0.00	2.622	0.000000
Mansar 132kV	19/01/2020 04:00:00	17	0.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Mansar 132kV	19/01/2020 04:15:00	18	0.0	0.0	0.0	0.0	0.0	0.00	-2.958	0.000000
Mansar 132kV	19/01/2020 04:30:00	19	0.0	0.0	0.0	0.0	0.0	0.00	1.573	0.000000
Mansar 132kV	19/01/2020 04:45:00	20	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 05:00:00	21	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 05:15:00	22	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 05:30:00	23	0.0	0.0	0.0	0.0	0.0	0.00	0.625	0.000000
Mansar 132kV	19/01/2020 05:45:00	24	0.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Mansar 132kV	19/01/2020 06:00:00	25	0.0	0.0	0.0	0.0	0.0	0.00	-0.424	0.000000
Mansar 132kV	19/01/2020 06:15:00	26	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 06:30:00	27	0.0	0.0	0.0	0.0	0.0	0.00	2.956	0.000000
Mansar 132kV	19/01/2020 06:45:00	28	0.0	0.0	0.0	0.0	0.0	0.00	4.302	0.000000
Mansar 132kV	19/01/2020 07:00:00	29	0.0	0.0	3.0	3.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 07:15:00	30	0.0	0.0	24.0	24.0	0.0	0.00	3.294	0.000000

Mansar 132kV	19/01/2020 07:30:00	31	0.0	0.0	54.0	54.0	0.0	0.00	-3.630	0.000000
Mansar 132kV	19/01/2020 07:45:00	32	0.0	0.0	122.0	122.0	0.0	0.00	-5.311	0.000000
Mansar 132kV	19/01/2020 08:00:00	33	0.0	0.0	167.0	167.0	0.0	0.00	-3.966	0.000000
Mansar 132kV	19/01/2020 08:15:00	34	0.0	0.0	182.0	182.0	0.0	0.00	-5.647	0.000000
Mansar 132kV	19/01/2020 08:30:00	35	0.0	0.0	265.0	265.0	0.0	0.00	6.655	0.000000
Mansar 132kV	19/01/2020 08:45:00	36	0.0	0.0	389.0	389.0	0.0	0.00	-3.966	0.000000
Mansar 132kV	19/01/2020 09:00:00	37	0.0	0.0	453.0	453.0	0.0	0.00	-3.966	0.000000
Mansar 132kV	19/01/2020 09:15:00	38	0.0	0.0	473.0	473.0	0.0	0.00	-3.966	0.000000
Mansar 132kV	19/01/2020 09:30:00	39	0.0	0.0	500.0	500.0	0.0	0.00	-2.621	0.000000
Mansar 132kV	19/01/2020 09:45:00	40	0.0	0.0	542.0	542.0	0.0	0.00	-2.958	0.000000
Mansar 132kV	19/01/2020 10:00:00	41	0.0	0.0	593.0	593.0	0.0	0.00	-3.294	0.000000
Mansar 132kV	19/01/2020 10:15:00	42	0.0	0.0	517.0	517.0	0.0	0.00	3.966	0.000000
Mansar 132kV	19/01/2020 10:30:00	43	0.0	0.0	520.0	520.0	0.0	0.00	2.621	0.000000
Mansar 132kV	19/01/2020 10:45:00	44	0.0	0.0	466.0	466.0	0.0	0.00	1.573	0.000000
Mansar 132kV	19/01/2020 11:00:00	45	0.0	0.0	535.0	535.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 11:15:00	46	0.0	0.0	793.0	793.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 11:30:00	47	0.0	0.0	683.0	683.0	0.0	0.00	2.621	0.000000
Mansar 132kV	19/01/2020 11:45:00	48	0.0	0.0	587.0	587.0	0.0	0.00	1.049	0.000000
Mansar 132kV	19/01/2020 12:00:00	49	0.0	0.0	325.0	325.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 12:15:00	50	0.0	0.0	383.0	383.0	0.0	0.00	5.983	0.000000
Mansar 132kV	19/01/2020 12:30:00	51	0.0	0.0	755.0	755.0	0.0	0.00	5.311	0.000000

Mansar 132kV	19/01/2020 12:45:00	52	0.0	0.0	635.0	635.0	0.0	0.00	-4.638	0.000000
Mansar 132kV	19/01/2020 13:00:00	53	0.0	0.0	641.0	641.0	0.0	0.00	-2.621	0.000000
Mansar 132kV	19/01/2020 13:15:00	54	0.0	0.0	655.0	655.0	0.0	0.00	1.573	0.000000
Mansar 132kV	19/01/2020 13:30:00	55	0.0	0.0	535.0	535.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 13:45:00	56	0.0	0.0	441.0	441.0	0.0	0.00	1.048	0.000000
Mansar 132kV	19/01/2020 14:00:00	57	0.0	0.0	609.0	609.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 14:15:00	58	0.0	0.0	661.0	661.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 14:30:00	59	0.0	0.0	558.0	558.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 14:45:00	60	0.0	0.0	603.0	603.0	0.0	0.00	3.294	0.000000
Mansar 132kV	19/01/2020 15:00:00	61	0.0	0.0	550.0	550.0	0.0	0.00	1.048	0.000000
Mansar 132kV	19/01/2020 15:15:00	62	0.0	0.0	491.0	491.0	0.0	0.00	2.621	0.000000
Mansar 132kV	19/01/2020 15:30:00	63	0.0	0.0	417.0	417.0	0.0	0.00	4.975	0.000000
Mansar 132kV	19/01/2020 15:45:00	64	0.0	0.0	346.0	346.0	0.0	0.00	-3.630	0.000000
Mansar 132kV	19/01/2020 16:00:00	65	0.0	0.0	288.0	288.0	0.0	0.00	3.294	0.000000
Mansar 132kV	19/01/2020 16:15:00	66	0.0	0.0	237.0	237.0	0.0	0.00	-3.294	0.000000
Mansar 132kV	19/01/2020 16:30:00	67	0.0	0.0	160.0	160.0	0.0	0.00	-4.302	0.000000
Mansar 132kV	19/01/2020 16:45:00	68	0.0	0.0	114.0	114.0	0.0	0.00	6.319	0.000000
Mansar 132kV	19/01/2020 17:00:00	69	0.0	0.0	65.0	65.0	0.0	0.00	2.173	0.000000
Mansar 132kV	19/01/2020 17:15:00	70	0.0	0.0	37.0	37.0	0.0	0.00	2.957	0.000000
Mansar 132kV	19/01/2020 17:30:00	71	0.0	0.0	8.0	8.0	0.0	0.00	3.294	0.000000
Mansar 132kV	19/01/2020 17:45:00	72	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000

Mansar 132kV	19/01/2020 18:00:00	73	0.0	0.0	0.0	0.0	0.0	0.00	2.621	0.000000
Mansar 132kV	19/01/2020 18:15:00	74	0.0	0.0	0.0	0.0	0.0	0.00	6.655	0.000000
Mansar 132kV	19/01/2020 18:30:00	75	0.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Mansar 132kV	19/01/2020 18:45:00	76	0.0	0.0	0.0	0.0	0.0	0.00	2.097	0.000000
Mansar 132kV	19/01/2020 19:00:00	77	0.0	0.0	0.0	0.0	0.0	0.00	1.048	0.000000
Mansar 132kV	19/01/2020 19:15:00	78	0.0	0.0	0.0	0.0	0.0	0.00	-1.049	0.000000
Mansar 132kV	19/01/2020 19:30:00	79	0.0	0.0	0.0	0.0	0.0	0.00	-1.049	0.000000
Mansar 132kV	19/01/2020 19:45:00	80	0.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Mansar 132kV	19/01/2020 20:00:00	81	0.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Mansar 132kV	19/01/2020 20:15:00	82	0.0	0.0	0.0	0.0	0.0	0.00	-5.311	0.000000
Mansar 132kV	19/01/2020 20:30:00	83	0.0	0.0	0.0	0.0	0.0	0.00	-4.302	0.000000
Mansar 132kV	19/01/2020 20:45:00	84	0.0	0.0	0.0	0.0	0.0	0.00	-2.957	0.000000
Mansar 132kV	19/01/2020 21:00:00	85	0.0	0.0	0.0	0.0	0.0	0.00	-2.621	0.000000
Mansar 132kV	19/01/2020 21:15:00	86	0.0	0.0	0.0	0.0	0.0	0.00	-0.524	0.000000
Mansar 132kV	19/01/2020 21:30:00	87	0.0	0.0	0.0	0.0	0.0	0.00	-2.510	0.000000
Mansar 132kV	19/01/2020 21:45:00	88	0.0	0.0	0.0	0.0	0.0	0.00	-1.313	0.000000
Mansar 132kV	19/01/2020 22:00:00	89	0.0	0.0	0.0	0.0	0.0	0.00	-1.954	0.000000
Mansar 132kV	19/01/2020 22:15:00	90	0.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000
Mansar 132kV	19/01/2020 22:30:00	91	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000
Mansar 132kV	19/01/2020 22:45:00	92	0.0	0.0	0.0	0.0	0.0	0.00	-1.048	0.000000
Mansar 132kV	19/01/2020 23:00:00	93	0.0	0.0	0.0	0.0	0.0	0.00	-1.573	0.000000

Mansar 132kV	19/01/2020 23:15:00	94	0.0	0.0	0.0	0.0	0.0	0.00	-2.097	0.000000
Mansar 132kV	19/01/2020 23:30:00	95	0.0	0.0	0.0	0.0	0.0	0.00	-0.945	0.000000
Mansar 132kV	19/01/2020 23:45:00	96	0.0	0.0	0.0	0.0	0.0	0.00	0.000	0.000000