

**Energy Deviation Account Statement for the period 06/01/2020 to 12/01/2020**

| <b>PSSName</b> | <b>Date</b>         | <b>Block No</b> | <b>Avc (kWh)</b> | <b>Schedule (kWh)</b> | <b>Actual (kWh)</b> | <b>Deviation (kWh)</b> | <b>% Deviation(% Absolute error)</b> | <b>Deviation Charges PSS (Rs.)</b> | <b>Periphery Rate (Rs.)</b> | <b>Deviation charges Periphery (Rs.)</b> |
|----------------|---------------------|-----------------|------------------|-----------------------|---------------------|------------------------|--------------------------------------|------------------------------------|-----------------------------|------------------------------------------|
| Naldurg 132kV  | 06/01/2020 00:00:00 | 1               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.903                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 00:15:00 | 2               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 0.000                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 00:30:00 | 3               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 0.000                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 00:45:00 | 4               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -0.984                      | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 01:00:00 | 5               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -3.541                      | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 01:15:00 | 6               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 3.222                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 01:30:00 | 7               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 3.541                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 01:45:00 | 8               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.352                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 02:00:00 | 9               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 1.747                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 02:15:00 | 10              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 0.581                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 02:30:00 | 11              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -2.323                      | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 02:45:00 | 12              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.323                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 03:00:00 | 13              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.323                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 03:15:00 | 14              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -1.742                      | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 03:30:00 | 15              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 3.222                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 03:45:00 | 16              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 3.541                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 04:00:00 | 17              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 4.496                       | 0.000000                                 |
| Naldurg 132kV  | 06/01/2020 04:15:00 | 18              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 3.222                       | 0.000000                                 |

|               |                        |    |         |        |        |         |       |        |        |            |
|---------------|------------------------|----|---------|--------|--------|---------|-------|--------|--------|------------|
| Naldurg 132kV | 06/01/2020<br>04:30:00 | 19 | 0.0     | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 3.859  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>04:45:00 | 20 | 0.0     | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 4.815  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>05:00:00 | 21 | 0.0     | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 3.859  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>05:15:00 | 22 | 0.0     | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 6.407  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>05:30:00 | 23 | 0.0     | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 6.496  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>05:45:00 | 24 | 9420.25 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 7.492  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>06:00:00 | 25 | 9420.25 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -5.452 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>06:15:00 | 26 | 9420.25 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -6.089 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>06:30:00 | 27 | 9420.25 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -7.044 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>06:45:00 | 28 | 9420.25 | 0.0    | 8.0    | 8.0     | 0.08  | 0.00   | 7.682  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>07:00:00 | 29 | 9420.25 | 280.0  | 87.0   | -193.0  | 2.05  | 0.00   | -3.859 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>07:15:00 | 30 | 9420.25 | 782.5  | 260.0  | -522.5  | 5.55  | 0.00   | 4.815  | 259.430695 |
| Naldurg 132kV | 06/01/2020<br>07:30:00 | 31 | 9420.25 | 1417.5 | 517.0  | -900.5  | 9.56  | 0.00   | 4.178  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>07:45:00 | 32 | 9420.25 | 1962.5 | 852.0  | -1110.5 | 11.79 | 0.00   | -3.540 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>08:00:00 | 33 | 9420.25 | 2472.5 | 1316.0 | -1156.5 | 12.28 | 0.00   | -3.859 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>08:15:00 | 34 | 9420.25 | 3022.5 | 1795.0 | -1227.5 | 13.03 | 0.00   | -5.452 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>08:30:00 | 35 | 9420.25 | 3555.0 | 2248.0 | -1307.0 | 13.87 | 0.00   | 4.178  | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>08:45:00 | 36 | 9420.25 | 4095.0 | 2407.0 | -1688.0 | 17.92 | 137.48 | -3.859 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>09:00:00 | 37 | 9420.25 | 4130.0 | 3252.0 | -878.0  | 9.32  | 0.00   | -6.407 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>09:15:00 | 38 | 9420.25 | 4607.5 | 3710.0 | -897.5  | 9.53  | 0.00   | -8.000 | 0.000000   |
| Naldurg 132kV | 06/01/2020<br>09:30:00 | 39 | 9420.25 | 5077.5 | 4119.0 | -958.5  | 10.17 | 0.00   | -5.770 | 0.000000   |

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|---------------|------------------------|----|---------|--------|--------|---------|-------|---------|--------|----------|
| Naldurg 132kV | 06/01/2020<br>09:45:00 | 40 | 9420.25 | 5565.0 | 4393.0 | -1172.0 | 12.44 | 0.00    | 3.222  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>10:00:00 | 41 | 9420.25 | 6030.0 | 4649.0 | -1381.0 | 14.66 | 0.00    | -2.903 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>10:15:00 | 42 | 9420.25 | 6407.5 | 4872.0 | -1535.5 | 16.3  | 61.23   | -3.222 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>10:30:00 | 43 | 9420.25 | 7235.0 | 5077.0 | -2158.0 | 22.91 | 372.48  | 4.815  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>10:45:00 | 44 | 9420.25 | 7497.5 | 5225.0 | -2272.5 | 24.12 | 429.73  | 4.496  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>11:00:00 | 45 | 9420.25 | 7730.0 | 5354.0 | -2376.0 | 25.22 | 491.95  | 16.000 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>11:15:00 | 46 | 9420.25 | 7937.5 | 5448.0 | -2489.5 | 26.43 | 605.45  | 5.133  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>11:30:00 | 47 | 9420.25 | 8110.0 | 5523.0 | -2587.0 | 27.46 | 702.95  | 1.182  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>11:45:00 | 48 | 9420.25 | 8227.5 | 5593.0 | -2634.5 | 27.97 | 750.45  | 6.308  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>12:00:00 | 49 | 9420.25 | 8257.5 | 5610.0 | -2647.5 | 28.1  | 763.45  | 6.598  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>12:15:00 | 50 | 9420.25 | 8282.5 | 5478.0 | -2804.5 | 29.77 | 920.45  | 5.431  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>12:30:00 | 51 | 9420.25 | 8297.5 | 5211.0 | -3086.5 | 32.76 | 1202.45 | 3.540  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>12:45:00 | 52 | 9420.25 | 8300.0 | 4843.0 | -3457.0 | 36.7  | 1652.90 | -2.903 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>13:00:00 | 53 | 9420.25 | 8220.0 | 4633.0 | -3587.0 | 38.08 | 1847.90 | -1.161 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>13:15:00 | 54 | 9420.25 | 7992.5 | 4850.0 | -3142.5 | 33.36 | 1258.45 | 3.859  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>13:30:00 | 55 | 9420.25 | 6500.0 | 4938.0 | -1562.0 | 16.58 | 74.48   | -6.407 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>13:45:00 | 56 | 9420.25 | 6010.0 | 4778.0 | -1232.0 | 13.08 | 0.00    | 5.452  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>14:00:00 | 57 | 9420.25 | 5455.0 | 4468.0 | -987.0  | 10.48 | 0.00    | 5.452  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>14:15:00 | 58 | 9420.25 | 4925.0 | 3638.0 | -1287.0 | 13.66 | 0.00    | 16.000 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>14:30:00 | 59 | 9420.25 | 4410.0 | 4098.0 | -312.0  | 3.31  | 0.00    | 6.035  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>14:45:00 | 60 | 9420.25 | 3830.0 | 2958.0 | -872.0  | 9.26  | 0.00    | 3.949  | 0.000000 |

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|---------------|------------------------|----|---------|--------|--------|--------|-------|------|--------|-------------|
| Naldurg 132kV | 06/01/2020<br>15:00:00 | 61 | 9420.25 | 3547.5 | 3017.0 | -530.5 | 5.63  | 0.00 | 3.367  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>15:15:00 | 62 | 9420.25 | 3037.5 | 2201.0 | -836.5 | 8.88  | 0.00 | 3.904  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>15:30:00 | 63 | 9420.25 | 2552.5 | 2872.0 | 319.5  | 3.39  | 0.00 | 4.482  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>15:45:00 | 64 | 9420.25 | 2050.0 | 3106.0 | 1056.0 | 11.21 | 0.00 | 4.225  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>16:00:00 | 65 | 9420.25 | 1670.0 | 2123.0 | 453.0  | 4.81  | 0.00 | 2.895  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>16:15:00 | 66 | 9420.25 | 1397.5 | 2088.0 | 690.5  | 7.33  | 0.00 | 6.089  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>16:30:00 | 67 | 9420.25 | 1157.5 | 1855.0 | 697.5  | 7.4   | 0.00 | -8.000 | -739.715878 |
| Naldurg 132kV | 06/01/2020<br>16:45:00 | 68 | 9420.25 | 905.0  | 1337.0 | 432.0  | 4.59  | 0.00 | -4.178 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>17:00:00 | 69 | 9420.25 | 660.0  | 709.0  | 49.0   | 0.52  | 0.00 | 1.742  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>17:15:00 | 70 | 9420.25 | 435.0  | 318.0  | -117.0 | 1.24  | 0.00 | 2.903  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>17:30:00 | 71 | 9420.25 | 212.5  | 135.0  | -77.5  | 0.82  | 0.00 | -4.178 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>17:45:00 | 72 | 9420.25 | 10.0   | 45.0   | 35.0   | 0.37  | 0.00 | -2.323 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>18:00:00 | 73 | 9420.25 | 0.0    | 4.0    | 4.0    | 0.04  | 0.00 | -2.903 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>18:15:00 | 74 | 9420.25 | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | 1.161  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>18:30:00 | 75 | 9420.25 | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | 2.903  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>18:45:00 | 76 | 9420.25 | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | 2.903  | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>19:00:00 | 77 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | -1.161 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>19:15:00 | 78 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | -4.178 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>19:30:00 | 79 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | -2.323 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>19:45:00 | 80 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | -4.178 | 0.000000    |
| Naldurg 132kV | 06/01/2020<br>20:00:00 | 81 | 0.0     | 0.0    | 0.0    | 0.0    | 0.0   | 0.00 | -4.496 | 0.000000    |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 06/01/2020<br>20:15:00 | 82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -5.770 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>20:30:00 | 83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5.770  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>20:45:00 | 84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.178  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.222  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.742 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.161  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.815  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.859  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.742  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.323 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.903 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.323  | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.222 | 0.000000 |
| Naldurg 132kV | 06/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.323  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.549 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.647 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.073 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.744 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -4.058 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -4.058 | 0.000000 |

|               |                        |    |         |     |     |     |     |      |        |          |
|---------------|------------------------|----|---------|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 07/01/2020<br>01:30:00 | 7  | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.401 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>01:45:00 | 8  | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.730  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>02:00:00 | 9  | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.073  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>02:15:00 | 10 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.073  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>02:30:00 | 11 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.401  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>02:45:00 | 12 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.745  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>03:00:00 | 13 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.647  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>03:15:00 | 14 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.196  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>03:30:00 | 15 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.647  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>03:45:00 | 16 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.098  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>04:00:00 | 17 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.647  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>04:15:00 | 18 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.210  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>04:30:00 | 19 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.730  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>04:45:00 | 20 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.098 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>05:00:00 | 21 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.744 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>05:15:00 | 22 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.730  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>05:30:00 | 23 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.073  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>05:45:00 | 24 | 0.0     | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.730  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>06:00:00 | 25 | 9420.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -5.372 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>06:15:00 | 26 | 9420.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.556  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>06:30:00 | 27 | 9420.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 7.148  | 0.000000 |

|               |                        |    |         |        |        |         |       |        |        |           |
|---------------|------------------------|----|---------|--------|--------|---------|-------|--------|--------|-----------|
| Naldurg 132kV | 07/01/2020<br>06:45:00 | 28 | 9420.25 | 0.0    | 11.0   | 11.0    | 0.12  | 0.00   | 7.821  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>07:00:00 | 29 | 9420.25 | 107.5  | 97.0   | -10.5   | 0.11  | 0.00   | 5.372  | 27.903092 |
| Naldurg 132kV | 07/01/2020<br>07:15:00 | 30 | 9420.25 | 487.5  | 280.0  | -207.5  | 2.2   | 0.00   | 16.000 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>07:30:00 | 31 | 9420.25 | 782.5  | 555.0  | -227.5  | 2.42  | 0.00   | 9.296  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>07:45:00 | 32 | 9420.25 | 1065.0 | 900.0  | -165.0  | 1.75  | 0.00   | 9.794  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>08:00:00 | 33 | 9420.25 | 1382.5 | 1400.0 | 17.5    | 0.19  | 0.00   | 3.593  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>08:15:00 | 34 | 9420.25 | 1722.5 | 1766.0 | 43.5    | 0.46  | 0.00   | 3.401  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>08:30:00 | 35 | 9420.25 | 2075.0 | 2038.0 | -37.0   | 0.39  | 0.00   | 3.245  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>08:45:00 | 36 | 9420.25 | 2387.5 | 2888.0 | 500.5   | 5.31  | 0.00   | 0.000  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>09:00:00 | 37 | 9420.25 | 1852.5 | 3355.0 | 1502.5  | 15.95 | 44.73  | 2.745  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>09:15:00 | 38 | 9420.25 | 2070.0 | 3961.0 | 1891.0  | 20.07 | 238.98 | 4.715  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>09:30:00 | 39 | 9420.25 | 2290.0 | 4467.0 | 2177.0  | 23.11 | 381.98 | 3.981  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>09:45:00 | 40 | 9420.25 | 3482.5 | 4744.0 | 1261.5  | 13.39 | 0.00   | 3.730  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>10:00:00 | 41 | 9420.25 | 3740.0 | 4940.0 | 1200.0  | 12.74 | 0.00   | 1.780  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>10:15:00 | 42 | 9420.25 | 3932.5 | 5135.0 | 1202.5  | 12.77 | 0.00   | 5.643  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>10:30:00 | 43 | 9562.5  | 5410.0 | 4821.0 | -589.0  | 6.16  | 0.00   | 4.976  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>10:45:00 | 44 | 9562.5  | 5627.5 | 5073.0 | -554.5  | 5.8   | 0.00   | 4.415  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>11:00:00 | 45 | 9562.5  | 5820.0 | 4991.0 | -829.0  | 8.67  | 0.00   | 4.476  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>11:15:00 | 46 | 9562.5  | 5902.5 | 4934.0 | -968.5  | 10.13 | 0.00   | 4.826  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>11:30:00 | 47 | 9562.5  | 5867.5 | 4411.0 | -1456.5 | 15.23 | 11.06  | 2.289  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>11:45:00 | 48 | 9562.5  | 5790.0 | 4386.0 | -1404.0 | 14.68 | 0.00   | -0.549 | 0.000000  |

|               |                        |    |        |        |        |         |       |         |        |             |
|---------------|------------------------|----|--------|--------|--------|---------|-------|---------|--------|-------------|
| Naldurg 132kV | 07/01/2020<br>12:00:00 | 49 | 9562.5 | 6160.0 | 3056.0 | -3104.0 | 32.46 | 1191.50 | 4.727  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>12:15:00 | 50 | 9562.5 | 6180.0 | 4280.0 | -1900.0 | 19.87 | 232.81  | 4.777  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>12:30:00 | 51 | 9562.5 | 6192.5 | 4854.0 | -1338.5 | 14.0  | 0.00    | 4.798  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>12:45:00 | 52 | 9562.5 | 6182.5 | 3824.0 | -2358.5 | 24.66 | 462.06  | -3.401 | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>13:00:00 | 53 | 9562.5 | 5920.0 | 5336.0 | -584.0  | 6.11  | 0.00    | -2.431 | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>13:15:00 | 54 | 9562.5 | 5510.0 | 4918.0 | -592.0  | 6.19  | 0.00    | -4.387 | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>13:30:00 | 55 | 9562.5 | 4625.0 | 5607.0 | 982.0   | 10.27 | 0.00    | -3.401 | -290.313990 |
| Naldurg 132kV | 07/01/2020<br>13:45:00 | 56 | 9562.5 | 4455.0 | 5355.0 | 900.0   | 9.41  | 0.00    | -5.044 | -37.478746  |
| Naldurg 132kV | 07/01/2020<br>14:00:00 | 57 | 9562.5 | 4210.0 | 5137.0 | 927.0   | 9.69  | 0.00    | 4.215  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>14:15:00 | 58 | 9562.5 | 3990.0 | 5351.0 | 1361.0  | 14.23 | 0.00    | 9.552  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>14:30:00 | 59 | 9562.5 | 3752.5 | 4412.0 | 659.5   | 6.9   | 0.00    | 6.358  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>14:45:00 | 60 | 9562.5 | 3500.0 | 3775.0 | 275.0   | 2.88  | 0.00    | 2.744  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>15:00:00 | 61 | 9562.5 | 4307.5 | 4147.0 | -160.5  | 1.68  | 0.00    | -3.073 | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>15:15:00 | 62 | 9562.5 | 3955.0 | 3902.0 | -53.0   | 0.55  | 0.00    | -4.058 | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>15:30:00 | 63 | 9562.5 | 3592.5 | 4015.0 | 422.5   | 4.42  | 0.00    | -4.831 | -289.939740 |
| Naldurg 132kV | 07/01/2020<br>15:45:00 | 64 | 9562.5 | 3180.0 | 3890.0 | 710.0   | 7.42  | 0.00    | -5.372 | -82.858098  |
| Naldurg 132kV | 07/01/2020<br>16:00:00 | 65 | 9562.5 | 2690.0 | 3282.0 | 592.0   | 6.19  | 0.00    | 2.196  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>16:15:00 | 66 | 9562.5 | 2200.0 | 2416.0 | 216.0   | 2.26  | 0.00    | -3.401 | -49.694751  |
| Naldurg 132kV | 07/01/2020<br>16:30:00 | 67 | 9562.5 | 2030.0 | 1885.0 | -145.0  | 1.52  | 0.00    | 4.738  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>16:45:00 | 68 | 9562.5 | 1610.0 | 633.0  | -977.0  | 10.22 | 0.00    | 7.343  | 0.000000    |
| Naldurg 132kV | 07/01/2020<br>17:00:00 | 69 | 9562.5 | 1202.5 | 749.0  | -453.5  | 4.74  | 0.00    | 1.647  | 0.000000    |

|               |                        |    |        |       |       |        |      |      |        |           |
|---------------|------------------------|----|--------|-------|-------|--------|------|------|--------|-----------|
| Naldurg 132kV | 07/01/2020<br>17:15:00 | 70 | 9562.5 | 827.5 | 562.0 | -265.5 | 2.78 | 0.00 | 2.744  | 44.164894 |
| Naldurg 132kV | 07/01/2020<br>17:30:00 | 71 | 9562.5 | 485.0 | 247.0 | -238.0 | 2.49 | 0.00 | 3.401  | 15.715006 |
| Naldurg 132kV | 07/01/2020<br>17:45:00 | 72 | 9562.5 | 67.5  | 76.0  | 8.5    | 0.09 | 0.00 | -2.745 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0   | 6.0   | 6.0    | 0.06 | 0.00 | -3.073 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -5.372 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.401  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.401 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>19:00:00 | 77 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.730 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>19:15:00 | 78 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -4.715 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>19:30:00 | 79 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -4.058 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>19:45:00 | 80 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.210 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>20:00:00 | 81 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.348 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>20:15:00 | 82 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 4.387  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>20:30:00 | 83 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.816  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>20:45:00 | 84 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.401  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>21:00:00 | 85 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -4.058 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>21:15:00 | 86 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 1.647  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>21:30:00 | 87 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 2.196  | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>21:45:00 | 88 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.196 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>22:00:00 | 89 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.257 | 0.000000  |
| Naldurg 132kV | 07/01/2020<br>22:15:00 | 90 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -1.900 | 0.000000  |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 07/01/2020<br>22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.098 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.647 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.401 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.647  | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.196 | 0.000000 |
| Naldurg 132kV | 07/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.549 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.220 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.101 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.101 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.424 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.170 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.761 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.665 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.665 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.110 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.347 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.101 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.220 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.428 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.220 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.220 | 0.000000 |

|               |                        |    |        |        |       |         |       |      |        |            |
|---------------|------------------------|----|--------|--------|-------|---------|-------|------|--------|------------|
| Naldurg 132kV | 08/01/2020<br>03:45:00 | 16 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.775 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>04:00:00 | 17 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -3.101 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>04:15:00 | 18 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.665 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>04:30:00 | 19 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.220 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>04:45:00 | 20 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.775 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>05:00:00 | 21 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.110 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>05:15:00 | 22 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | 2.775  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>05:30:00 | 23 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -3.428 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>05:45:00 | 24 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.775 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>06:00:00 | 25 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.220 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>06:15:00 | 26 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | 2.220  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>06:30:00 | 27 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | 5.387  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>06:45:00 | 28 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -4.734 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>07:00:00 | 29 | 9562.5 | 0.0    | 4.0   | 4.0     | 0.04  | 0.00 | -4.407 | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>07:15:00 | 30 | 9562.5 | 157.5  | 72.0  | -85.5   | 0.89  | 0.00 | 5.061  | 150.700939 |
| Naldurg 132kV | 08/01/2020<br>07:30:00 | 31 | 9562.5 | 357.5  | 203.0 | -154.5  | 1.62  | 0.00 | 5.714  | 260.564322 |
| Naldurg 132kV | 08/01/2020<br>07:45:00 | 32 | 9562.5 | 582.5  | 248.0 | -334.5  | 3.5   | 0.00 | 5.061  | 221.785007 |
| Naldurg 132kV | 08/01/2020<br>08:00:00 | 33 | 9562.5 | 822.5  | 353.0 | -469.5  | 4.91  | 0.00 | 2.775  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>08:15:00 | 34 | 9562.5 | 1090.0 | 451.0 | -639.0  | 6.68  | 0.00 | 2.775  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>08:30:00 | 35 | 9562.5 | 1382.5 | 513.0 | -869.5  | 9.09  | 0.00 | 5.387  | 0.000000   |
| Naldurg 132kV | 08/01/2020<br>08:45:00 | 36 | 9562.5 | 1720.0 | 612.0 | -1108.0 | 11.59 | 0.00 | 16.000 | 0.000000   |

|               |                        |    |        |        |        |         |       |         |        |           |
|---------------|------------------------|----|--------|--------|--------|---------|-------|---------|--------|-----------|
| Naldurg 132kV | 08/01/2020<br>09:00:00 | 37 | 9562.5 | 1940.0 | 727.0  | -1213.0 | 12.68 | 0.00    | 7.673  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>09:15:00 | 38 | 9562.5 | 2270.0 | 817.0  | -1453.0 | 15.19 | 9.31    | 7.673  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>09:30:00 | 39 | 9562.5 | 2582.5 | 983.0  | -1599.5 | 16.73 | 82.56   | 3.101  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>09:45:00 | 40 | 9562.5 | 2920.0 | 1173.0 | -1747.0 | 18.27 | 156.31  | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>10:00:00 | 41 | 9562.5 | 3222.5 | 1302.0 | -1920.5 | 20.08 | 243.06  | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>10:15:00 | 42 | 9562.5 | 3497.5 | 1618.0 | -1879.5 | 19.65 | 222.56  | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>10:30:00 | 43 | 9562.5 | 3412.5 | 2124.0 | -1288.5 | 13.47 | 0.00    | -1.665 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>10:45:00 | 44 | 9562.5 | 3617.5 | 2210.0 | -1407.5 | 14.72 | 0.00    | 0.000  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>11:00:00 | 45 | 9562.5 | 3810.0 | 1339.0 | -2471.0 | 25.84 | 558.50  | -1.486 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>11:15:00 | 46 | 9562.5 | 4022.5 | 1122.0 | -2900.5 | 30.33 | 988.00  | -1.305 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>11:30:00 | 47 | 9562.5 | 4245.0 | 1619.0 | -2626.0 | 27.46 | 713.50  | -2.425 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>11:45:00 | 48 | 9562.5 | 4465.0 | 1291.0 | -3174.0 | 33.19 | 1261.50 | -2.775 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>12:00:00 | 49 | 9562.5 | 4352.5 | 1706.0 | -2646.5 | 27.68 | 734.00  | -2.083 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>12:15:00 | 50 | 9562.5 | 4477.5 | 2272.0 | -2205.5 | 23.06 | 385.56  | -3.242 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>12:30:00 | 51 | 9562.5 | 4555.0 | 2163.0 | -2392.0 | 25.01 | 479.50  | -1.330 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>12:45:00 | 52 | 9562.5 | 4637.5 | 3204.0 | -1433.5 | 14.99 | 0.00    | -0.830 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>13:00:00 | 53 | 9562.5 | 4667.5 | 4487.0 | -180.5  | 1.89  | 0.00    | 2.775  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>13:15:00 | 54 | 9562.5 | 4627.5 | 5622.0 | 994.5   | 10.4  | 0.00    | 0.000  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>13:30:00 | 55 | 9562.5 | 4010.0 | 3730.0 | -280.0  | 2.93  | 0.00    | -1.012 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>13:45:00 | 56 | 9562.5 | 3905.0 | 3952.0 | 47.0    | 0.49  | 0.00    | -1.087 | -4.739540 |
| Naldurg 132kV | 08/01/2020<br>14:00:00 | 57 | 9562.5 | 3787.5 | 3672.0 | -115.5  | 1.21  | 0.00    | -3.101 | 0.000000  |

|               |                        |    |        |        |        |         |       |        |        |           |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|-----------|
| Naldurg 132kV | 08/01/2020<br>14:15:00 | 58 | 9562.5 | 3677.5 | 2527.0 | -1150.5 | 12.03 | 0.00   | -4.081 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>14:30:00 | 59 | 9562.5 | 3582.5 | 2556.0 | -1026.5 | 10.73 | 0.00   | -2.996 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>14:45:00 | 60 | 9562.5 | 3457.5 | 1883.0 | -1574.5 | 16.47 | 70.06  | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>15:00:00 | 61 | 9562.5 | 3760.0 | 1796.0 | -1964.0 | 20.54 | 264.81 | -1.879 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>15:15:00 | 62 | 9562.5 | 3522.5 | 2465.0 | -1057.5 | 11.06 | 0.00   | -4.081 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>15:30:00 | 63 | 9562.5 | 3260.0 | 2329.0 | -931.0  | 9.74  | 0.00   | 4.938  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>15:45:00 | 64 | 9562.5 | 3010.0 | 2350.0 | -660.0  | 6.9   | 0.00   | 4.719  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>16:00:00 | 65 | 9562.5 | 2652.5 | 1644.0 | -1008.5 | 10.55 | 0.00   | 0.555  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>16:15:00 | 66 | 9562.5 | 2230.0 | 1662.0 | -568.0  | 5.94  | 0.00   | -4.081 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>16:30:00 | 67 | 9562.5 | 1827.5 | 1198.0 | -629.5  | 6.58  | 0.00   | -3.754 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>16:45:00 | 68 | 9562.5 | 1440.0 | 1088.0 | -352.0  | 3.68  | 0.00   | -8.000 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>17:00:00 | 69 | 9562.5 | 1087.5 | 574.0  | -513.5  | 5.37  | 0.00   | 0.000  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>17:15:00 | 70 | 9562.5 | 785.0  | 390.0  | -395.0  | 4.13  | 0.00   | 4.081  | 75.771024 |
| Naldurg 132kV | 08/01/2020<br>17:30:00 | 71 | 9562.5 | 495.0  | 199.0  | -296.0  | 3.1   | 0.00   | -5.387 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>17:45:00 | 72 | 9562.5 | 115.0  | 63.0   | -52.0   | 0.54  | 0.00   | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0    | 5.0    | 5.0     | 0.05  | 0.00   | -2.775 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -3.101 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -2.220 | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.220  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>19:00:00 | 77 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 1.110  | 0.000000  |
| Naldurg 132kV | 08/01/2020<br>19:15:00 | 78 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -2.220 | 0.000000  |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 08/01/2020<br>19:30:00 | 79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.220 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>19:45:00 | 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.555 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>20:00:00 | 81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.775  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>20:15:00 | 82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.101  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>20:30:00 | 83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.408  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>20:45:00 | 84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.101  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.101  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.555 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.110 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.110 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.489 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.775 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.223 | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.110  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.110  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.110  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.775  | 0.000000 |
| Naldurg 132kV | 08/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.576 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.727 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.879 | 0.000000 |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 09/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.879 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.519 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.519 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.199 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.519  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.519  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.879  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.199  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.152  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.879 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.839 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.199  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.727  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.727  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.727  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.879  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.839  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>05:15:00 | 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5.119  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>05:30:00 | 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.064  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>05:45:00 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.152  | 0.000000 |

|               |                        |    |        |        |        |         |       |        |        |            |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|------------|
| Naldurg 132kV | 09/01/2020<br>06:00:00 | 25 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -2.303 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>06:15:00 | 26 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.303  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>06:30:00 | 27 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -3.839 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>06:45:00 | 28 | 0.0    | 0.0    | 1.0    | 1.0     | 0.0   | 0.00   | -2.879 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>07:00:00 | 29 | 9562.5 | 15.0   | 15.0   | 0.0     | 0.0   | 0.00   | -2.879 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>07:15:00 | 30 | 9562.5 | 330.0  | 88.0   | -242.0  | 2.53  | 0.00   | 6.400  | 120.396608 |
| Naldurg 132kV | 09/01/2020<br>07:30:00 | 31 | 9562.5 | 840.0  | 238.0  | -602.0  | 6.3   | 0.00   | 1.172  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>07:45:00 | 32 | 9562.5 | 1157.5 | 428.0  | -729.5  | 7.63  | 0.00   | 0.576  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>08:00:00 | 33 | 9562.5 | 1472.5 | 661.0  | -811.5  | 8.49  | 0.00   | -0.576 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>08:15:00 | 34 | 9562.5 | 1820.0 | 1145.0 | -675.0  | 7.06  | 0.00   | -1.152 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>08:30:00 | 35 | 9562.5 | 2182.5 | 1481.0 | -701.5  | 7.34  | 0.00   | 0.576  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>08:45:00 | 36 | 9562.5 | 2512.5 | 1375.0 | -1137.5 | 11.9  | 0.00   | 0.000  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>09:00:00 | 37 | 9562.5 | 2597.5 | 2932.0 | 334.5   | 3.5   | 0.00   | 1.152  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>09:15:00 | 38 | 9562.5 | 2920.0 | 3222.0 | 302.0   | 3.16  | 0.00   | 1.727  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>09:30:00 | 39 | 9562.5 | 3255.0 | 2729.0 | -526.0  | 5.5   | 0.00   | -3.839 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>09:45:00 | 40 | 9562.5 | 3612.5 | 3830.0 | 217.5   | 2.27  | 0.00   | -1.152 | -1.786104  |
| Naldurg 132kV | 09/01/2020<br>10:00:00 | 41 | 9562.5 | 3927.5 | 4023.0 | 95.5    | 1.0   | 0.00   | 0.000  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>10:15:00 | 42 | 9562.5 | 4182.5 | 3592.0 | -590.5  | 6.18  | 0.00   | 1.727  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>10:30:00 | 43 | 9562.5 | 5195.0 | 3387.0 | -1808.0 | 18.91 | 186.81 | 2.303  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>10:45:00 | 44 | 9562.5 | 5395.0 | 3042.0 | -2353.0 | 24.61 | 459.31 | -1.144 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>11:00:00 | 45 | 9562.5 | 5572.5 | 2745.0 | -2827.5 | 29.57 | 915.00 | -4.479 | 0.000000   |

|               |                        |    |        |        |        |         |       |         |        |           |
|---------------|------------------------|----|--------|--------|--------|---------|-------|---------|--------|-----------|
| Naldurg 132kV | 09/01/2020<br>11:15:00 | 46 | 9562.5 | 5687.5 | 2057.0 | -3630.5 | 37.97 | 1859.82 | -3.519 | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>11:30:00 | 47 | 9562.5 | 5735.0 | 2472.0 | -3263.0 | 34.12 | 1350.50 | -2.303 | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>11:45:00 | 48 | 9562.5 | 5760.0 | 4148.0 | -1612.0 | 16.86 | 88.81   | -0.576 | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>12:00:00 | 49 | 9562.5 | 5082.5 | 5006.0 | -76.5   | 0.8   | 0.00    | 0.000  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>12:15:00 | 50 | 9562.5 | 5115.0 | 5421.0 | 306.0   | 3.2   | 0.00    | 3.839  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>12:30:00 | 51 | 9562.5 | 5125.0 | 5488.0 | 363.0   | 3.8   | 0.00    | 3.199  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>12:45:00 | 52 | 9562.5 | 5132.5 | 5105.0 | -27.5   | 0.29  | 0.00    | 3.199  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>13:00:00 | 53 | 9562.5 | 5125.0 | 5273.0 | 148.0   | 1.55  | 0.00    | -1.152 | -1.727486 |
| Naldurg 132kV | 09/01/2020<br>13:15:00 | 54 | 9562.5 | 5047.5 | 5275.0 | 227.5   | 2.38  | 0.00    | -1.152 | -9.050145 |
| Naldurg 132kV | 09/01/2020<br>13:30:00 | 55 | 9562.5 | 6070.0 | 5128.0 | -942.0  | 9.85  | 0.00    | 1.727  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>13:45:00 | 56 | 9562.5 | 5887.5 | 4941.0 | -946.5  | 9.9   | 0.00    | 3.199  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>14:00:00 | 57 | 9562.5 | 5675.0 | 4795.0 | -880.0  | 9.2   | 0.00    | 4.345  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>14:15:00 | 58 | 9562.5 | 5405.0 | 4339.0 | -1066.0 | 11.15 | 0.00    | 3.941  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>14:30:00 | 59 | 9562.5 | 5052.5 | 4411.0 | -641.5  | 6.71  | 0.00    | 1.152  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>14:45:00 | 60 | 9562.5 | 4692.5 | 3965.0 | -727.5  | 7.61  | 0.00    | -0.576 | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>15:00:00 | 61 | 9562.5 | 4812.5 | 3528.0 | -1284.5 | 13.43 | 0.00    | -1.006 | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>15:15:00 | 62 | 9562.5 | 4462.5 | 3632.0 | -830.5  | 8.68  | 0.00    | 3.199  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>15:30:00 | 63 | 9562.5 | 4100.0 | 3257.0 | -843.0  | 8.82  | 0.00    | 2.879  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>15:45:00 | 64 | 9562.5 | 3687.5 | 2271.0 | -1416.5 | 14.81 | 0.00    | 3.839  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>16:00:00 | 65 | 9562.5 | 3190.0 | 1897.0 | -1293.0 | 13.52 | 0.00    | 1.727  | 0.000000  |
| Naldurg 132kV | 09/01/2020<br>16:15:00 | 66 | 9562.5 | 2667.5 | 994.0  | -1673.5 | 17.5  | 119.56  | -1.727 | 0.000000  |

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|---------------|------------------------|----|--------|--------|-------|---------|-------|------|--------|------------|
| Naldurg 132kV | 09/01/2020<br>16:30:00 | 67 | 9562.5 | 2242.5 | 864.0 | -1378.5 | 14.42 | 0.00 | -4.159 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>16:45:00 | 68 | 9562.5 | 1812.5 | 758.0 | -1054.5 | 11.03 | 0.00 | 3.839  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>17:00:00 | 69 | 9562.5 | 1427.5 | 532.0 | -895.5  | 9.36  | 0.00 | 1.727  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>17:15:00 | 70 | 9562.5 | 1032.5 | 385.0 | -647.5  | 6.77  | 0.00 | 3.839  | 222.555949 |
| Naldurg 132kV | 09/01/2020<br>17:30:00 | 71 | 9562.5 | 675.0  | 182.0 | -493.0  | 5.16  | 0.00 | -2.879 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>17:45:00 | 72 | 9562.5 | 192.5  | 89.0  | -103.5  | 1.08  | 0.00 | -4.146 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0    | 6.0   | 6.0     | 0.06  | 0.00 | -3.349 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -4.563 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -3.839 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.879 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>19:00:00 | 77 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -3.199 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>19:15:00 | 78 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.727 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>19:30:00 | 79 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.442 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>19:45:00 | 80 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -0.286 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>20:00:00 | 81 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.070 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>20:15:00 | 82 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -2.236 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>20:30:00 | 83 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -4.799 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>20:45:00 | 84 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.727 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>21:00:00 | 85 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | -1.727 | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>21:15:00 | 86 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | 1.152  | 0.000000   |
| Naldurg 132kV | 09/01/2020<br>21:30:00 | 87 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00 | 1.152  | 0.000000   |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 09/01/2020<br>21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.303 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.795 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.674 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.303 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.152 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.576 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.576 | 0.000000 |
| Naldurg 132kV | 09/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.987 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.680 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.326 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.992 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.532 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.713 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.548 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5.342  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.595  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.326  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.658  | 0.000000 |

|               |                        |    |        |        |       |         |       |       |        |          |
|---------------|------------------------|----|--------|--------|-------|---------|-------|-------|--------|----------|
| Naldurg 132kV | 10/01/2020<br>03:00:00 | 13 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.658  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>03:15:00 | 14 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>03:30:00 | 15 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>03:45:00 | 16 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | -1.063 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>04:00:00 | 17 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 1.595  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>04:15:00 | 18 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 3.326  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>04:30:00 | 19 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 3.326  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>04:45:00 | 20 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>05:00:00 | 21 | 0.0    | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.992  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>05:15:00 | 22 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 1.063  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>05:30:00 | 23 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>05:45:00 | 24 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>06:00:00 | 25 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>06:15:00 | 26 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | 2.658  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>06:30:00 | 27 | 9562.5 | 0.0    | 0.0   | 0.0     | 0.0   | 0.00  | -2.992 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>06:45:00 | 28 | 9562.5 | 0.0    | 6.0   | 6.0     | 0.06  | 0.00  | -3.077 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>07:00:00 | 29 | 9562.5 | 200.0  | 58.0  | -142.0  | 1.48  | 0.00  | -0.687 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>07:15:00 | 30 | 9562.5 | 640.0  | 142.0 | -498.0  | 5.21  | 0.00  | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>07:30:00 | 31 | 9562.5 | 1085.0 | 208.0 | -877.0  | 9.17  | 0.00  | -1.063 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>07:45:00 | 32 | 9562.5 | 1490.0 | 299.0 | -1191.0 | 12.45 | 0.00  | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>08:00:00 | 33 | 9562.5 | 1905.0 | 378.0 | -1527.0 | 15.97 | 46.31 | -4.328 | 0.000000 |

|               |                        |    |        |        |        |         |       |        |        |           |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|-----------|
| Naldurg 132kV | 10/01/2020<br>08:15:00 | 34 | 9562.5 | 2347.5 | 407.0  | -1940.5 | 20.29 | 253.06 | -4.661 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>08:30:00 | 35 | 9562.5 | 2815.0 | 511.0  | -2304.0 | 24.09 | 434.81 | 5.663  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>08:45:00 | 36 | 9562.5 | 3272.5 | 792.0  | -2480.5 | 25.94 | 568.00 | 4.328  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>09:00:00 | 37 | 9562.5 | 3342.5 | 912.0  | -2430.5 | 25.42 | 518.00 | -4.995 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>09:15:00 | 38 | 9562.5 | 3765.0 | 1131.0 | -2634.0 | 27.55 | 721.50 | -4.327 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>09:30:00 | 39 | 9562.5 | 4175.0 | 1486.0 | -2689.0 | 28.12 | 776.50 | -2.127 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>09:45:00 | 40 | 9562.5 | 4610.0 | 1859.0 | -2751.0 | 28.77 | 838.50 | -1.152 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>10:00:00 | 41 | 9562.5 | 4957.5 | 2468.0 | -2489.5 | 26.03 | 577.00 | 0.000  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>10:15:00 | 42 | 9562.5 | 5180.0 | 2997.0 | -2183.0 | 22.83 | 374.31 | -0.532 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>10:30:00 | 43 | 9562.5 | 4825.0 | 4123.0 | -702.0  | 7.34  | 0.00   | -1.063 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>10:45:00 | 44 | 9562.5 | 4910.0 | 4458.0 | -452.0  | 4.73  | 0.00   | 0.000  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>11:00:00 | 45 | 9562.5 | 4945.0 | 5067.0 | 122.0   | 1.28  | 0.00   | 2.658  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>11:15:00 | 46 | 9562.5 | 5032.5 | 5323.0 | 290.5   | 3.04  | 0.00   | 0.000  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>11:30:00 | 47 | 9562.5 | 5147.5 | 5412.0 | 264.5   | 2.77  | 0.00   | -1.595 | -7.202962 |
| Naldurg 132kV | 10/01/2020<br>11:45:00 | 48 | 9562.5 | 5247.5 | 5473.0 | 225.5   | 2.36  | 0.00   | 2.992  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>12:00:00 | 49 | 9562.5 | 5757.5 | 5458.0 | -299.5  | 3.13  | 0.00   | 0.000  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>12:15:00 | 50 | 9562.5 | 5612.5 | 5506.0 | -106.5  | 1.11  | 0.00   | 2.127  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>12:30:00 | 51 | 9562.5 | 5512.5 | 5565.0 | 52.5    | 0.55  | 0.00   | 1.595  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>12:45:00 | 52 | 9562.5 | 5392.5 | 5248.0 | -144.5  | 1.51  | 0.00   | -1.063 | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>13:00:00 | 53 | 9562.5 | 5287.5 | 5097.0 | -190.5  | 1.99  | 0.00   | 2.658  | 0.000000  |
| Naldurg 132kV | 10/01/2020<br>13:15:00 | 54 | 9562.5 | 5185.0 | 5084.0 | -101.0  | 1.06  | 0.00   | 2.658  | 0.000000  |

|               |                        |    |        |        |        |         |       |        |        |          |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|----------|
| Naldurg 132kV | 10/01/2020<br>13:30:00 | 55 | 9562.5 | 5530.0 | 4703.0 | -827.0  | 8.65  | 0.00   | 2.127  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>13:45:00 | 56 | 9562.5 | 5412.5 | 4211.0 | -1201.5 | 12.56 | 0.00   | -3.326 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>14:00:00 | 57 | 9562.5 | 5267.5 | 3552.0 | -1715.5 | 17.94 | 140.56 | -2.992 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>14:15:00 | 58 | 9562.5 | 5040.0 | 3761.0 | -1279.0 | 13.38 | 0.00   | 3.660  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>14:30:00 | 59 | 9562.5 | 4722.5 | 3672.0 | -1050.5 | 10.99 | 0.00   | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>14:45:00 | 60 | 9562.5 | 4382.5 | 4130.0 | -252.5  | 2.64  | 0.00   | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>15:00:00 | 61 | 9562.5 | 4367.5 | 4019.0 | -348.5  | 3.64  | 0.00   | 0.000  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>15:15:00 | 62 | 9562.5 | 4090.0 | 3283.0 | -807.0  | 8.44  | 0.00   | -2.992 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>15:30:00 | 63 | 9562.5 | 3802.5 | 1664.0 | -2138.5 | 22.36 | 352.06 | -4.995 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>15:45:00 | 64 | 9562.5 | 3452.5 | 2503.0 | -949.5  | 9.93  | 0.00   | -4.327 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>16:00:00 | 65 | 9562.5 | 2977.5 | 1787.0 | -1190.5 | 12.45 | 0.00   | -4.995 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>16:15:00 | 66 | 9562.5 | 2465.0 | 2048.0 | -417.0  | 4.36  | 0.00   | -8.000 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>16:30:00 | 67 | 9562.5 | 2102.5 | 1440.0 | -662.5  | 6.93  | 0.00   | -8.000 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>16:45:00 | 68 | 9562.5 | 1672.5 | 1048.0 | -624.5  | 6.53  | 0.00   | 4.327  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>17:00:00 | 69 | 9562.5 | 1262.5 | 696.0  | -566.5  | 5.92  | 0.00   | 0.532  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>17:15:00 | 70 | 9562.5 | 885.0  | 406.0  | -479.0  | 5.01  | 0.00   | -1.595 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>17:30:00 | 71 | 9562.5 | 545.0  | 205.0  | -340.0  | 3.56  | 0.00   | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>17:45:00 | 72 | 9562.5 | 142.5  | 59.0   | -83.5   | 0.87  | 0.00   | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0    | 5.0    | 5.0     | 0.05  | 0.00   | -1.461 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 3.326  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -2.658 | 0.000000 |

|               |                        |    |        |     |     |     |     |      |        |          |
|---------------|------------------------|----|--------|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 10/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.994  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>19:00:00 | 77 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>19:15:00 | 78 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>19:30:00 | 79 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.660 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>19:45:00 | 80 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.326 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>20:00:00 | 81 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.660  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>20:15:00 | 82 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.660  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>20:30:00 | 83 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.995  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>20:45:00 | 84 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.992  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>21:00:00 | 85 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.660 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>21:15:00 | 86 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.595 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>21:30:00 | 87 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.063 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>21:45:00 | 88 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.532 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>22:00:00 | 89 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.595 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>22:15:00 | 90 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.127 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>22:30:00 | 91 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.063  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>22:45:00 | 92 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>23:00:00 | 93 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.658 | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>23:15:00 | 94 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>23:30:00 | 95 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 10/01/2020<br>23:45:00 | 96 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 11/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.629 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.052  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.577  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.526 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.403 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.630 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.526 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.526 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.051 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.051 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.964 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.300 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.307  | 0.000000 |

|               |                        |    |        |        |        |         |       |        |        |          |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|----------|
| Naldurg 132kV | 11/01/2020<br>05:15:00 | 22 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 5.314  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>05:30:00 | 23 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>05:45:00 | 24 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>06:00:00 | 25 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 3.636  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>06:15:00 | 26 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>06:30:00 | 27 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 4.105  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>06:45:00 | 28 | 9562.5 | 0.0    | 6.0    | 6.0     | 0.06  | 0.00   | 5.650  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>07:00:00 | 29 | 9562.5 | 202.5  | 68.0   | -134.5  | 1.41  | 0.00   | 3.300  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>07:15:00 | 30 | 9562.5 | 692.5  | 199.0  | -493.5  | 5.16  | 0.00   | 5.314  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>07:30:00 | 31 | 9562.5 | 1302.5 | 431.0  | -871.5  | 9.11  | 0.00   | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>07:45:00 | 32 | 9562.5 | 1775.0 | 715.0  | -1060.0 | 11.08 | 0.00   | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>08:00:00 | 33 | 9562.5 | 2280.0 | 1084.0 | -1196.0 | 12.51 | 0.00   | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>08:15:00 | 34 | 9562.5 | 2780.0 | 1462.0 | -1318.0 | 13.78 | 0.00   | 3.300  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>08:30:00 | 35 | 9562.5 | 3290.0 | 1860.0 | -1430.0 | 14.95 | 0.00   | 2.116  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>08:45:00 | 36 | 9562.5 | 3815.0 | 2159.0 | -1656.0 | 17.32 | 110.81 | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>09:00:00 | 37 | 9562.5 | 3882.5 | 2692.0 | -1190.5 | 12.45 | 0.00   | 6.681  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>09:15:00 | 38 | 9562.5 | 4357.5 | 3225.0 | -1132.5 | 11.84 | 0.00   | 6.657  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>09:30:00 | 39 | 9562.5 | 4825.0 | 3418.0 | -1407.0 | 14.71 | 0.00   | -6.322 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>09:45:00 | 40 | 9562.5 | 5315.0 | 3803.0 | -1512.0 | 15.81 | 38.81  | -2.103 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>10:00:00 | 41 | 9562.5 | 5770.0 | 4124.0 | -1646.0 | 17.21 | 105.81 | 0.526  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>10:15:00 | 42 | 9562.5 | 6125.0 | 4260.0 | -1865.0 | 19.5  | 215.31 | 0.526  | 0.000000 |

|               |                        |    |        |        |        |         |       |         |        |          |
|---------------|------------------------|----|--------|--------|--------|---------|-------|---------|--------|----------|
| Naldurg 132kV | 11/01/2020<br>10:30:00 | 43 | 9562.5 | 6647.5 | 4565.0 | -2082.5 | 21.78 | 324.06  | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>10:45:00 | 44 | 9562.5 | 6887.5 | 4773.0 | -2114.5 | 22.11 | 340.06  | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>11:00:00 | 45 | 9562.5 | 7097.5 | 4979.0 | -2118.5 | 22.15 | 342.06  | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>11:15:00 | 46 | 9562.5 | 7300.0 | 5139.0 | -2161.0 | 22.6  | 363.31  | -2.964 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>11:30:00 | 47 | 9562.5 | 7480.0 | 4928.0 | -2552.0 | 26.69 | 639.50  | -4.307 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>11:45:00 | 48 | 9562.5 | 7637.5 | 4882.0 | -2755.5 | 28.82 | 843.00  | -3.300 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>12:00:00 | 49 | 9562.5 | 7710.0 | 4699.0 | -3011.0 | 31.49 | 1098.50 | -0.526 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>12:15:00 | 50 | 9562.5 | 7770.0 | 4774.0 | -2996.0 | 31.33 | 1083.50 | -2.103 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>12:30:00 | 51 | 9562.5 | 7800.0 | 4109.0 | -3691.0 | 38.6  | 1950.57 | -2.629 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>12:45:00 | 52 | 9562.5 | 7807.5 | 3970.0 | -3837.5 | 40.13 | 2170.32 | -2.629 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>13:00:00 | 53 | 9562.5 | 7742.5 | 4038.0 | -3704.5 | 38.74 | 1970.82 | 0.000  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>13:15:00 | 54 | 9562.5 | 7602.5 | 3548.0 | -4054.5 | 42.4  | 2495.82 | -2.103 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>13:30:00 | 55 | 9562.5 | 7062.5 | 5004.0 | -2058.5 | 21.53 | 312.06  | 2.629  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>13:45:00 | 56 | 9562.5 | 6862.5 | 4707.0 | -2155.5 | 22.54 | 360.56  | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>14:00:00 | 57 | 9562.5 | 6637.5 | 3991.0 | -2646.5 | 27.68 | 734.00  | 1.051  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>14:15:00 | 58 | 9562.5 | 6390.0 | 3672.0 | -2718.0 | 28.42 | 805.50  | 3.300  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>14:30:00 | 59 | 9562.5 | 6107.5 | 3449.0 | -2658.5 | 27.8  | 746.00  | -3.636 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>14:45:00 | 60 | 9562.5 | 5810.0 | 2416.0 | -3394.0 | 35.49 | 1505.07 | 4.979  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>15:00:00 | 61 | 9562.5 | 5615.0 | 3911.0 | -1704.0 | 17.82 | 134.81  | -2.964 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>15:15:00 | 62 | 9562.5 | 5255.0 | 2335.0 | -2920.0 | 30.54 | 1007.50 | -5.314 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>15:30:00 | 63 | 9562.5 | 4867.5 | 1505.0 | -3362.5 | 35.16 | 1457.82 | 2.964  | 0.000000 |

|               |                        |    |        |        |        |         |       |        |        |          |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|----------|
| Naldurg 132kV | 11/01/2020<br>15:45:00 | 64 | 9562.5 | 4467.5 | 1741.0 | -2726.5 | 28.51 | 814.00 | 4.643  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>16:00:00 | 65 | 9562.5 | 3975.0 | 1658.0 | -2317.0 | 24.23 | 441.31 | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>16:15:00 | 66 | 9562.5 | 3405.0 | 1329.0 | -2076.0 | 21.71 | 320.81 | -2.964 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>16:30:00 | 67 | 9562.5 | 2550.0 | 1346.0 | -1204.0 | 12.59 | 0.00   | -2.103 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>16:45:00 | 68 | 9562.5 | 2087.5 | 1099.0 | -988.5  | 10.34 | 0.00   | 3.972  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>17:00:00 | 69 | 9562.5 | 1650.0 | 776.0  | -874.0  | 9.14  | 0.00   | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>17:15:00 | 70 | 9562.5 | 1222.5 | 461.0  | -761.5  | 7.96  | 0.00   | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>17:30:00 | 71 | 9562.5 | 782.5  | 185.0  | -597.5  | 6.25  | 0.00   | 1.051  | 7.623708 |
| Naldurg 132kV | 11/01/2020<br>17:45:00 | 72 | 9562.5 | 297.5  | 66.0   | -231.5  | 2.42  | 0.00   | -2.103 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0    | 7.0    | 7.0     | 0.07  | 0.00   | -2.964 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -2.629 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 0.526  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>19:00:00 | 77 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.103  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>19:15:00 | 78 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | -1.052 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>19:30:00 | 79 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>19:45:00 | 80 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.629  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>20:00:00 | 81 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.629  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>20:15:00 | 82 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 4.307  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>20:30:00 | 83 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>20:45:00 | 84 | 0.0    | 0.0    | 0.0    | 0.0     | 0.0   | 0.00   | 2.629  | 0.000000 |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Naldurg 132kV | 11/01/2020<br>21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.636  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.577 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.052 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -5.650 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -5.650 | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.979  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.964  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.577  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.074  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.113  | 0.000000 |
| Naldurg 132kV | 11/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.162  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.022  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.152 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.152 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.022 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.629 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.317 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.022 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.690 | 0.000000 |

|               |                        |    |        |       |       |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-------|--------|------|------|--------|------------|
| Naldurg 132kV | 12/01/2020<br>02:15:00 | 10 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>02:30:00 | 11 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.690 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>02:45:00 | 12 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>03:00:00 | 13 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.354  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>03:15:00 | 14 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.022  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>03:30:00 | 15 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.354  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>03:45:00 | 16 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 2.152  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>04:00:00 | 17 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.152 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>04:15:00 | 18 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>04:30:00 | 19 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 1.076  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>04:45:00 | 20 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>05:00:00 | 21 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.686  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>05:15:00 | 22 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 3.686  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>05:30:00 | 23 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -1.614 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>05:45:00 | 24 | 0.0    | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -0.496 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>06:00:00 | 25 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | 0.000  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>06:15:00 | 26 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -0.430 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>06:30:00 | 27 | 9562.5 | 0.0   | 0.0   | 0.0    | 0.0  | 0.00 | -2.152 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>06:45:00 | 28 | 9562.5 | 0.0   | 9.0   | 9.0    | 0.09 | 0.00 | 4.681  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>07:00:00 | 29 | 9562.5 | 200.0 | 90.0  | -110.0 | 1.15 | 0.00 | 1.614  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>07:15:00 | 30 | 9562.5 | 745.0 | 263.0 | -482.0 | 5.04 | 0.00 | 3.838  | 398.930354 |

|               |                        |    |        |        |        |         |       |        |        |          |
|---------------|------------------------|----|--------|--------|--------|---------|-------|--------|--------|----------|
| Naldurg 132kV | 12/01/2020<br>07:30:00 | 31 | 9562.5 | 1370.0 | 531.0  | -839.0  | 8.77  | 0.00   | 3.022  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>07:45:00 | 32 | 9562.5 | 1952.5 | 924.0  | -1028.5 | 10.76 | 0.00   | 2.690  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>08:00:00 | 33 | 9562.5 | 2470.0 | 1448.0 | -1022.0 | 10.69 | 0.00   | -2.690 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>08:15:00 | 34 | 9562.5 | 3022.5 | 2006.0 | -1016.5 | 10.63 | 0.00   | -4.018 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>08:30:00 | 35 | 9562.5 | 3567.5 | 2577.0 | -990.5  | 10.36 | 0.00   | -2.690 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>08:45:00 | 36 | 9562.5 | 4115.0 | 3068.0 | -1047.0 | 10.95 | 0.00   | 3.022  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>09:00:00 | 37 | 9562.5 | 4187.5 | 3558.0 | -629.5  | 6.58  | 0.00   | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>09:15:00 | 38 | 9562.5 | 4677.5 | 3973.0 | -704.5  | 7.37  | 0.00   | -4.350 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>09:30:00 | 39 | 9562.5 | 5152.5 | 4303.0 | -849.5  | 8.88  | 0.00   | 2.152  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>09:45:00 | 40 | 9562.5 | 5637.5 | 4580.0 | -1057.5 | 11.06 | 0.00   | -2.690 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>10:00:00 | 41 | 9562.5 | 6097.5 | 4819.0 | -1278.5 | 13.37 | 0.00   | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>10:15:00 | 42 | 9562.5 | 6487.5 | 5055.0 | -1432.5 | 14.98 | 0.00   | -3.686 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>10:30:00 | 43 | 9562.5 | 7540.0 | 5266.0 | -2274.0 | 23.78 | 419.81 | -1.614 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>10:45:00 | 44 | 9562.5 | 7825.0 | 5441.0 | -2384.0 | 24.93 | 474.81 | 3.686  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>11:00:00 | 45 | 9562.5 | 8062.5 | 5553.0 | -2509.5 | 26.24 | 597.00 | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>11:15:00 | 46 | 9562.5 | 8150.0 | 5655.0 | -2495.0 | 26.09 | 582.50 | -5.450 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>11:30:00 | 47 | 9562.5 | 8225.0 | 5674.0 | -2551.0 | 26.68 | 638.50 | -6.009 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>11:45:00 | 48 | 9562.5 | 8282.5 | 5709.0 | -2573.5 | 26.91 | 661.00 | 2.690  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>12:00:00 | 49 | 9562.5 | 8327.5 | 5774.0 | -2553.5 | 26.7  | 641.00 | 3.686  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>12:15:00 | 50 | 9562.5 | 8362.5 | 5768.0 | -2594.5 | 27.13 | 682.00 | -5.345 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>12:30:00 | 51 | 9562.5 | 8385.0 | 5811.0 | -2574.0 | 26.92 | 661.50 | -3.022 | 0.000000 |

|               |                        |    |        |        |        |         |       |         |        |            |
|---------------|------------------------|----|--------|--------|--------|---------|-------|---------|--------|------------|
| Naldurg 132kV | 12/01/2020<br>12:45:00 | 52 | 9562.5 | 8392.5 | 5742.0 | -2650.5 | 27.72 | 738.00  | -5.345 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>13:00:00 | 53 | 9562.5 | 8360.0 | 5637.0 | -2723.0 | 28.48 | 810.50  | -3.999 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>13:15:00 | 54 | 9562.5 | 8287.5 | 5431.0 | -2856.5 | 29.87 | 944.00  | -4.350 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>13:30:00 | 55 | 9562.5 | 8105.0 | 5189.0 | -2916.0 | 30.49 | 1003.50 | -1.076 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>13:45:00 | 56 | 9562.5 | 7872.5 | 5089.0 | -2783.5 | 29.11 | 871.00  | -2.690 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>14:00:00 | 57 | 9562.5 | 7607.5 | 5004.0 | -2603.5 | 27.23 | 691.00  | -0.538 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>14:15:00 | 58 | 9562.5 | 7347.5 | 5200.0 | -2147.5 | 22.46 | 356.56  | -2.152 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>14:30:00 | 59 | 9562.5 | 7027.5 | 5077.0 | -1950.5 | 20.4  | 258.06  | -2.690 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>14:45:00 | 60 | 9562.5 | 6677.5 | 4866.0 | -1811.5 | 18.94 | 188.56  | -1.076 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>15:00:00 | 61 | 9562.5 | 6070.0 | 4610.0 | -1460.0 | 15.27 | 12.81   | 0.000  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>15:15:00 | 62 | 9562.5 | 5672.5 | 4257.0 | -1415.5 | 14.8  | 0.00    | -2.690 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>15:30:00 | 63 | 9562.5 | 5230.0 | 3940.0 | -1290.0 | 13.49 | 0.00    | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>15:45:00 | 64 | 9562.5 | 4815.0 | 3581.0 | -1234.0 | 12.9  | 0.00    | -3.686 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>16:00:00 | 65 | 9562.5 | 4320.0 | 3245.0 | -1075.0 | 11.24 | 0.00    | -3.737 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>16:15:00 | 66 | 9562.5 | 3752.5 | 2767.0 | -985.5  | 10.31 | 0.00    | -5.786 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>16:30:00 | 67 | 9562.5 | 3392.5 | 2130.0 | -1262.5 | 13.2  | 0.00    | -4.350 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>16:45:00 | 68 | 9562.5 | 2797.5 | 1482.0 | -1315.5 | 13.76 | 0.00    | -1.614 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>17:00:00 | 69 | 9562.5 | 2220.0 | 946.0  | -1274.0 | 13.32 | 0.00    | 0.000  | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>17:15:00 | 70 | 9562.5 | 1637.5 | 531.0  | -1106.5 | 11.57 | 0.00    | 2.690  | 286.864282 |
| Naldurg 132kV | 12/01/2020<br>17:30:00 | 71 | 9562.5 | 945.0  | 251.0  | -694.0  | 7.26  | 0.00    | -3.022 | 0.000000   |
| Naldurg 132kV | 12/01/2020<br>17:45:00 | 72 | 9562.5 | 487.5  | 90.0   | -397.5  | 4.16  | 0.00    | -2.152 | 0.000000   |

|               |                        |    |        |     |      |      |      |      |        |          |
|---------------|------------------------|----|--------|-----|------|------|------|------|--------|----------|
| Naldurg 132kV | 12/01/2020<br>18:00:00 | 73 | 9562.5 | 0.0 | 12.0 | 12.0 | 0.13 | 0.00 | -0.538 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>18:15:00 | 74 | 9562.5 | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -4.350 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>18:30:00 | 75 | 9562.5 | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 2.690  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>18:45:00 | 76 | 9562.5 | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 3.022  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>19:00:00 | 77 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 3.686  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>19:15:00 | 78 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 2.690  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>19:30:00 | 79 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -3.022 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>19:45:00 | 80 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -1.781 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>20:00:00 | 81 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -3.021 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>20:15:00 | 82 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -4.018 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>20:30:00 | 83 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>20:45:00 | 84 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -1.614 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>21:00:00 | 85 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -4.350 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>21:15:00 | 86 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -3.686 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>21:30:00 | 87 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -1.614 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>21:45:00 | 88 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 0.000  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>22:00:00 | 89 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | -3.354 | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>22:15:00 | 90 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 4.350  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>22:30:00 | 91 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 5.215  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>22:45:00 | 92 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 3.022  | 0.000000 |
| Naldurg 132kV | 12/01/2020<br>23:00:00 | 93 | 0.0    | 0.0 | 0.0  | 0.0  | 0.0  | 0.00 | 3.022  | 0.000000 |

|                        |                        |    |     |     |     |     |     |      |       |          |
|------------------------|------------------------|----|-----|-----|-----|-----|-----|------|-------|----------|
| Naldurg 132kV          | 12/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.152 | 0.000000 |
| Naldurg 132kV          | 12/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.152 | 0.000000 |
| Naldurg 132kV          | 12/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.152 | 0.000000 |
| Naldurg Inter<br>132kV | 06/01/2020<br>00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |
| Naldurg Inter<br>132kV | 06/01/2020<br>04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA    | NA       |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 06/01/2020 04:30:00 | 19 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 04:45:00 | 20 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 05:00:00 | 21 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 05:15:00 | 22 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 05:30:00 | 23 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 05:45:00 | 24 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 06:00:00 | 25 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 06:15:00 | 26 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 06:30:00 | 27 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 06:45:00 | 28 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 07:00:00 | 29 | 5000.0 | 120.0  | 0.0     | -120.0  | 2.4   | 1112.40 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 07:15:00 | 30 | 5000.0 | 332.5  | 63.28   | -269.22 | 5.38  | 2495.67 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 07:30:00 | 31 | 5000.0 | 597.5  | 182.03  | -415.47 | 8.31  | 3851.41 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 07:45:00 | 32 | 5000.0 | 830.0  | 328.91  | -501.09 | 10.02 | 4645.10 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 08:00:00 | 33 | 5000.0 | 1050.0 | 509.38  | -540.62 | 10.81 | 5011.55 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 08:15:00 | 34 | 5000.0 | 1282.5 | 703.91  | -578.59 | 11.57 | 5363.53 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 08:30:00 | 35 | 5000.0 | 1510.0 | 923.44  | -586.56 | 11.73 | 5437.41 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 08:45:00 | 36 | 5000.0 | 1740.0 | 1027.34 | -712.66 | 14.25 | 6606.36 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 09:00:00 | 37 | 5000.0 | 1970.0 | 1274.22 | -695.78 | 13.92 | 6449.88 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 09:15:00 | 38 | 5000.0 | 2195.0 | 1650.78 | -544.22 | 10.88 | 5044.92 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 09:30:00 | 39 | 5000.0 | 2417.5 | 1899.22 | -518.28 | 10.37 | 4804.46 | NA | NA |

|                     |                     |    |        |        |         |          |       |          |    |    |
|---------------------|---------------------|----|--------|--------|---------|----------|-------|----------|----|----|
| Naldurg Inter 132kV | 06/01/2020 09:45:00 | 40 | 5000.0 | 2635.0 | 2048.44 | -586.56  | 11.73 | 5437.41  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 10:00:00 | 41 | 5000.0 | 2812.5 | 2286.72 | -525.78  | 10.52 | 4873.98  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 10:15:00 | 42 | 5000.0 | 2952.5 | 2467.97 | -484.53  | 9.69  | 4491.59  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 10:30:00 | 43 | 5000.0 | 3080.0 | 2610.16 | -469.84  | 9.4   | 4355.42  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 10:45:00 | 44 | 5000.0 | 3192.5 | 2754.69 | -437.81  | 8.76  | 4058.50  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 11:00:00 | 45 | 5000.0 | 3292.5 | 2825.78 | -466.72  | 9.33  | 4326.49  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 11:15:00 | 46 | 5000.0 | 3377.5 | 2958.59 | -418.91  | 8.38  | 3883.30  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 11:30:00 | 47 | 5000.0 | 3450.0 | 3017.19 | -432.81  | 8.66  | 4012.15  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 11:45:00 | 48 | 5000.0 | 3492.5 | 3101.56 | -390.94  | 7.82  | 3624.01  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 12:00:00 | 49 | 5000.0 | 3532.5 | 1735.16 | -1797.34 | 35.95 | 23949.74 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 12:15:00 | 50 | 5000.0 | 3562.5 | 0.0     | -3562.5  | 71.25 | 35405.62 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 12:30:00 | 51 | 5000.0 | 3577.5 | 0.0     | -3577.5  | 71.55 | 35502.97 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 12:45:00 | 52 | 5000.0 | 3577.5 | 0.0     | -3577.5  | 71.55 | 35502.97 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 13:00:00 | 53 | 5000.0 | 3500.0 | 0.0     | -3500.0  | 70.0  | 35000.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 13:15:00 | 54 | 5000.0 | 3355.0 | 0.0     | -3355.0  | 67.1  | 34058.95 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 13:30:00 | 55 | 5000.0 | 2747.5 | 0.0     | -2747.5  | 54.95 | 30116.28 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 13:45:00 | 56 | 5000.0 | 2525.0 | 0.0     | -2525.0  | 50.5  | 28672.25 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 14:00:00 | 57 | 5000.0 | 2270.0 | 0.0     | -2270.0  | 45.4  | 27017.30 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 14:15:00 | 58 | 5000.0 | 2042.5 | 0.0     | -2042.5  | 40.85 | 25540.83 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 14:30:00 | 59 | 5000.0 | 1815.0 | 0.0     | -1815.0  | 36.3  | 24064.35 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 14:45:00 | 60 | 5000.0 | 1562.5 | 0.0     | -1562.5  | 31.25 | 19006.25 | NA | NA |

|                     |                     |    |        |        |     |         |       |          |    |    |
|---------------------|---------------------|----|--------|--------|-----|---------|-------|----------|----|----|
| Naldurg Inter 132kV | 06/01/2020 15:00:00 | 61 | 5000.0 | 1345.0 | 0.0 | -1345.0 | 26.9  | 17392.40 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 15:15:00 | 62 | 5000.0 | 1135.0 | 0.0 | -1135.0 | 22.7  | 10163.40 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 15:30:00 | 63 | 5000.0 | 915.0  | 0.0 | -915.0  | 18.3  | 8328.60  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 15:45:00 | 64 | 5000.0 | 735.0  | 0.0 | -735.0  | 14.7  | 6813.45  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 16:00:00 | 65 | 5000.0 | 602.5  | 0.0 | -602.5  | 12.05 | 5585.18  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 16:15:00 | 66 | 5000.0 | 507.5  | 0.0 | -507.5  | 10.15 | 4704.52  | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 16:30:00 | 67 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 16:45:00 | 68 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 17:00:00 | 69 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 17:15:00 | 70 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 17:30:00 | 71 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 17:45:00 | 72 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 18:00:00 | 73 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 18:15:00 | 74 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 18:30:00 | 75 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 18:45:00 | 76 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 19:00:00 | 77 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 19:15:00 | 78 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 19:30:00 | 79 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 19:45:00 | 80 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 20:00:00 | 81 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 06/01/2020 20:15:00 | 82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 20:30:00 | 83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 20:45:00 | 84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 06/01/2020 23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 07/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 05:15:00 | 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 05:30:00 | 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 05:45:00 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 06:00:00 | 25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 06:15:00 | 26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 06:30:00 | 27 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |        |     |         |      |          |    |    |
|---------------------|---------------------|----|--------|--------|-----|---------|------|----------|----|----|
| Naldurg Inter 132kV | 07/01/2020 06:45:00 | 28 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 07:00:00 | 29 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 07:15:00 | 30 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 07:30:00 | 31 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 07:45:00 | 32 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 08:00:00 | 33 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 08:15:00 | 34 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 08:30:00 | 35 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 08:45:00 | 36 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 09:00:00 | 37 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 09:15:00 | 38 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 09:30:00 | 39 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 09:45:00 | 40 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 10:00:00 | 41 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 10:15:00 | 42 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 10:30:00 | 43 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 10:45:00 | 44 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 11:00:00 | 45 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 11:15:00 | 46 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 11:30:00 | 47 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0  | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 11:45:00 | 48 | 5000.0 | 2110.0 | 0.0 | -2110.0 | 42.2 | 25978.90 | NA | NA |

|                     |                     |    |        |        |     |         |       |          |    |    |
|---------------------|---------------------|----|--------|--------|-----|---------|-------|----------|----|----|
| Naldurg Inter 132kV | 07/01/2020 12:00:00 | 49 | 5000.0 | 2122.5 | 0.0 | -2122.5 | 42.45 | 26060.03 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 12:15:00 | 50 | 5000.0 | 2127.5 | 0.0 | -2127.5 | 42.55 | 26092.47 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 12:30:00 | 51 | 5000.0 | 2122.5 | 0.0 | -2122.5 | 42.45 | 26060.03 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 12:45:00 | 52 | 5000.0 | 2107.5 | 0.0 | -2107.5 | 42.15 | 25962.67 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 13:00:00 | 53 | 5000.0 | 2072.5 | 0.0 | -2072.5 | 41.45 | 25735.53 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 13:15:00 | 54 | 5000.0 | 2020.0 | 0.0 | -2020.0 | 40.4  | 25394.80 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 13:30:00 | 55 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 13:45:00 | 56 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 14:00:00 | 57 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 14:15:00 | 58 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 14:30:00 | 59 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 14:45:00 | 60 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 15:00:00 | 61 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 15:15:00 | 62 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 15:30:00 | 63 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 15:45:00 | 64 | 5000.0 | 1107.5 | 0.0 | -1107.5 | 22.15 | 9934.05  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 16:00:00 | 65 | 5000.0 | 967.5  | 0.0 | -967.5  | 19.35 | 8766.45  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 16:15:00 | 66 | 5000.0 | 815.0  | 0.0 | -815.0  | 16.3  | 7494.60  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 16:30:00 | 67 | 5000.0 | 682.5  | 0.0 | -682.5  | 13.65 | 6326.77  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 16:45:00 | 68 | 5000.0 | 537.5  | 0.0 | -537.5  | 10.75 | 4982.62  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 17:00:00 | 69 | 5000.0 | 400.0  | 0.0 | -400.0  | 8.0   | 3708.00  | NA | NA |

|                     |                     |    |        |       |     |        |      |         |    |    |
|---------------------|---------------------|----|--------|-------|-----|--------|------|---------|----|----|
| Naldurg Inter 132kV | 07/01/2020 17:15:00 | 70 | 5000.0 | 275.0 | 0.0 | -275.0 | 5.5  | 2549.25 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 17:30:00 | 71 | 5000.0 | 165.0 | 0.0 | -165.0 | 3.3  | 1529.55 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 17:45:00 | 72 | 5000.0 | 22.5  | 0.0 | -22.5  | 0.45 | 208.57  | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 18:00:00 | 73 | 5000.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 18:15:00 | 74 | 5000.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 18:30:00 | 75 | 5000.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 18:45:00 | 76 | 5000.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 19:00:00 | 77 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 19:15:00 | 78 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 19:30:00 | 79 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 19:45:00 | 80 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 20:00:00 | 81 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 20:15:00 | 82 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 20:30:00 | 83 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 20:45:00 | 84 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 21:00:00 | 85 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 21:15:00 | 86 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 21:30:00 | 87 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 21:45:00 | 88 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 22:00:00 | 89 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 22:15:00 | 90 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00    | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 07/01/2020 22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 07/01/2020 23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 08/01/2020 03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 05:15:00 | 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 05:30:00 | 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 05:45:00 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 06:00:00 | 25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 06:15:00 | 26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 06:30:00 | 27 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 06:45:00 | 28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 07:00:00 | 29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 07:15:00 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 07:30:00 | 31 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 07:45:00 | 32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 08:00:00 | 33 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 08:15:00 | 34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 08:30:00 | 35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 08:45:00 | 36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |        |     |         |       |          |    |    |
|---------------------|---------------------|----|--------|--------|-----|---------|-------|----------|----|----|
| Naldurg Inter 132kV | 08/01/2020 09:00:00 | 37 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 09:15:00 | 38 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 09:30:00 | 39 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 09:45:00 | 40 | 5000.0 | 925.0  | 0.0 | -925.0  | 18.5  | 8412.00  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 10:00:00 | 41 | 5000.0 | 1042.5 | 0.0 | -1042.5 | 20.85 | 9391.95  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 10:15:00 | 42 | 5000.0 | 1170.0 | 0.0 | -1170.0 | 23.4  | 10455.30 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 10:30:00 | 43 | 5000.0 | 1297.5 | 0.0 | -1297.5 | 25.95 | 17039.95 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 10:45:00 | 44 | 5000.0 | 1462.5 | 0.0 | -1462.5 | 29.25 | 18264.25 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 11:00:00 | 45 | 5000.0 | 1590.0 | 0.0 | -1590.0 | 31.8  | 19210.30 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 11:15:00 | 46 | 5000.0 | 1715.0 | 0.0 | -1715.0 | 34.3  | 20137.80 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 11:30:00 | 47 | 5000.0 | 1832.5 | 0.0 | -1832.5 | 36.65 | 24177.92 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 11:45:00 | 48 | 5000.0 | 1945.0 | 0.0 | -1945.0 | 38.9  | 24908.05 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 12:00:00 | 49 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 12:15:00 | 50 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 12:30:00 | 51 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 12:45:00 | 52 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 13:00:00 | 53 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 13:15:00 | 54 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 13:30:00 | 55 | 0.0    | 0.0    | 0.0 | 0.0     | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 13:45:00 | 56 | 5000.0 | 2002.5 | 0.0 | -2002.5 | 40.05 | 25281.22 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 14:00:00 | 57 | 5000.0 | 1947.5 | 0.0 | -1947.5 | 38.95 | 24924.28 | NA | NA |

|                     |                     |    |        |        |         |          |       |          |    |    |
|---------------------|---------------------|----|--------|--------|---------|----------|-------|----------|----|----|
| Naldurg Inter 132kV | 08/01/2020 14:15:00 | 58 | 5000.0 | 1882.5 | 0.0     | -1882.5  | 37.65 | 24502.42 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 14:30:00 | 59 | 5000.0 | 1810.0 | 0.0     | -1810.0  | 36.2  | 24031.90 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 14:45:00 | 60 | 5000.0 | 1725.0 | 0.78    | -1724.22 | 34.48 | 20206.21 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 15:00:00 | 61 | 5000.0 | 1632.5 | 0.0     | -1632.5  | 32.65 | 19525.65 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 15:15:00 | 62 | 5000.0 | 1530.0 | 691.41  | -838.59  | 16.77 | 7691.34  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 15:30:00 | 63 | 5000.0 | 1420.0 | 1025.78 | -394.22  | 7.88  | 3654.42  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 15:45:00 | 64 | 5000.0 | 1302.5 | 857.03  | -445.47  | 8.91  | 4129.51  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 16:00:00 | 65 | 5000.0 | 1150.0 | 747.66  | -402.34  | 8.05  | 3729.69  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 16:15:00 | 66 | 5000.0 | 970.0  | 810.94  | -159.06  | 3.18  | 1474.49  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 16:30:00 | 67 | 5000.0 | 797.5  | 796.09  | -1.41    | 0.03  | 13.07    | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 16:45:00 | 68 | 5000.0 | 645.0  | 575.0   | -70.0    | 1.4   | 648.90   | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 17:00:00 | 69 | 5000.0 | 487.5  | 328.12  | -159.38  | 3.19  | 1477.45  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 17:15:00 | 70 | 5000.0 | 340.0  | 203.91  | -136.09  | 2.72  | 1261.55  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 17:30:00 | 71 | 5000.0 | 217.5  | 85.16   | -132.34  | 2.65  | 1226.79  | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 17:45:00 | 72 | 5000.0 | 47.5   | 13.28   | -34.22   | 0.68  | 317.22   | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 18:00:00 | 73 | 5000.0 | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 18:15:00 | 74 | 5000.0 | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 18:30:00 | 75 | 5000.0 | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 18:45:00 | 76 | 5000.0 | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 19:00:00 | 77 | 0.0    | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 19:15:00 | 78 | 0.0    | 0.0    | 0.0     | 0.0      | 0.0   | 0.00     | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 08/01/2020 19:30:00 | 79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 19:45:00 | 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 20:00:00 | 81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 20:15:00 | 82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 20:30:00 | 83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 20:45:00 | 84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 08/01/2020 23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 09/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 05:15:00 | 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 05:30:00 | 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 05:45:00 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 09/01/2020 06:00:00 | 25 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 06:15:00 | 26 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 06:30:00 | 27 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 06:45:00 | 28 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 07:00:00 | 29 | 5000.0 | 12.5   | 0.0     | -12.5   | 0.25  | 115.87  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 07:15:00 | 30 | 5000.0 | 175.0  | 0.78    | -174.22 | 3.48  | 1615.02 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 07:30:00 | 31 | 5000.0 | 345.0  | 92.97   | -252.03 | 5.04  | 2336.32 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 07:45:00 | 32 | 5000.0 | 470.0  | 250.78  | -219.22 | 4.38  | 2032.17 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 08:00:00 | 33 | 5000.0 | 595.0  | 316.41  | -278.59 | 5.57  | 2582.53 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 08:15:00 | 34 | 5000.0 | 740.0  | 421.88  | -318.12 | 6.36  | 2948.97 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 08:30:00 | 35 | 5000.0 | 882.5  | 778.12  | -104.38 | 2.09  | 967.60  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 08:45:00 | 36 | 5000.0 | 1027.5 | 1011.72 | -15.78  | 0.32  | 146.28  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 09:00:00 | 37 | 5000.0 | 1170.0 | 956.25  | -213.75 | 4.28  | 1981.46 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 09:15:00 | 38 | 5000.0 | 1310.0 | 1052.34 | -257.66 | 5.15  | 2388.51 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 09:30:00 | 39 | 5000.0 | 1445.0 | 1575.0  | 130.0   | 2.6   | 1205.10 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 09:45:00 | 40 | 5000.0 | 1577.5 | 1888.28 | 310.78  | 6.22  | 2880.93 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 10:00:00 | 41 | 5000.0 | 1692.5 | 1945.31 | 252.81  | 5.06  | 2343.55 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 10:15:00 | 42 | 5000.0 | 1762.5 | 1675.78 | -86.72  | 1.73  | 803.89  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 10:30:00 | 43 | 5000.0 | 1850.0 | 2106.25 | 256.25  | 5.12  | 2375.44 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 10:45:00 | 44 | 5000.0 | 1927.5 | 1983.59 | 56.09   | 1.12  | 519.95  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 11:00:00 | 45 | 5000.0 | 1997.5 | 1378.91 | -618.59 | 12.37 | 5734.33 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 09/01/2020 11:15:00 | 46 | 5000.0 | 2057.5 | 1335.16 | -722.34 | 14.45 | 6696.09 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 11:30:00 | 47 | 5000.0 | 2107.5 | 1372.66 | -734.84 | 14.7  | 6811.97 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 11:45:00 | 48 | 5000.0 | 2147.5 | 2317.97 | 170.47  | 3.41  | 1580.26 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 12:00:00 | 49 | 5000.0 | 2177.5 | 3196.09 | 1018.59 | 20.37 | 9692.12 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 12:15:00 | 50 | 5000.0 | 2232.5 | 3038.28 | 805.78  | 16.12 | 7521.46 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 12:30:00 | 51 | 5000.0 | 2240.0 | 3039.06 | 799.06  | 15.98 | 7452.91 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 12:45:00 | 52 | 5000.0 | 2237.5 | 2950.0  | 712.5   | 14.25 | 6604.87 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 13:00:00 | 53 | 5000.0 | 2220.0 | 2982.03 | 762.03  | 15.24 | 7075.21 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 13:15:00 | 54 | 5000.0 | 2185.0 | 3009.38 | 824.38  | 16.49 | 7711.18 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 13:30:00 | 55 | 5000.0 | 1915.0 | 2857.81 | 942.81  | 18.86 | 8919.16 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 13:45:00 | 56 | 5000.0 | 1890.0 | 2754.69 | 864.69  | 17.29 | 8122.34 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 14:00:00 | 57 | 5000.0 | 1855.0 | 2635.16 | 780.16  | 15.6  | 7260.13 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 14:15:00 | 58 | 5000.0 | 1807.5 | 2476.56 | 669.06  | 13.38 | 6202.19 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 14:30:00 | 59 | 5000.0 | 1752.5 | 2275.0  | 522.5   | 10.45 | 4843.57 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 14:45:00 | 60 | 5000.0 | 1712.5 | 2019.53 | 307.03  | 6.14  | 2846.17 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 15:00:00 | 61 | 5000.0 | 1632.5 | 1721.88 | 89.38   | 1.79  | 828.55  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 15:15:00 | 62 | 5000.0 | 1542.5 | 1364.06 | -178.44 | 3.57  | 1654.14 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 15:30:00 | 63 | 5000.0 | 1445.0 | 1283.59 | -161.41 | 3.23  | 1496.27 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 15:45:00 | 64 | 5000.0 | 1337.5 | 1073.44 | -264.06 | 5.28  | 2447.84 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 16:00:00 | 65 | 5000.0 | 1192.5 | 648.44  | -544.06 | 10.88 | 5043.44 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 16:15:00 | 66 | 5000.0 | 1035.0 | 579.69  | -455.31 | 9.11  | 4220.72 | NA | NA |

|                     |                     |    |        |       |        |         |      |         |    |    |
|---------------------|---------------------|----|--------|-------|--------|---------|------|---------|----|----|
| Naldurg Inter 132kV | 09/01/2020 16:30:00 | 67 | 5000.0 | 862.5 | 488.28 | -374.22 | 7.48 | 3469.02 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 16:45:00 | 68 | 5000.0 | 695.0 | 471.09 | -223.91 | 4.48 | 2075.65 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 17:00:00 | 69 | 5000.0 | 535.0 | 240.62 | -294.38 | 5.89 | 2728.90 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 17:15:00 | 70 | 5000.0 | 400.0 | 198.44 | -201.56 | 4.03 | 1868.46 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 17:30:00 | 71 | 5000.0 | 255.0 | 78.12  | -176.88 | 3.54 | 1639.68 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 17:45:00 | 72 | 5000.0 | 72.5  | 23.44  | -49.06  | 0.98 | 454.79  | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 18:00:00 | 73 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 18:15:00 | 74 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 18:30:00 | 75 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 18:45:00 | 76 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 19:00:00 | 77 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 19:15:00 | 78 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 19:30:00 | 79 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 19:45:00 | 80 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 20:00:00 | 81 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 20:15:00 | 82 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 20:30:00 | 83 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 20:45:00 | 84 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 21:00:00 | 85 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 21:15:00 | 86 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 21:30:00 | 87 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 09/01/2020 21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 09/01/2020 23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |       |        |         |      |         |    |    |
|---------------------|---------------------|----|--------|-------|--------|---------|------|---------|----|----|
| Naldurg Inter 132kV | 10/01/2020 03:00:00 | 13 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 03:15:00 | 14 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 03:30:00 | 15 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 03:45:00 | 16 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 04:00:00 | 17 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 04:15:00 | 18 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 04:30:00 | 19 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 04:45:00 | 20 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 05:00:00 | 21 | 0.0    | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 05:15:00 | 22 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 05:30:00 | 23 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 05:45:00 | 24 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 06:00:00 | 25 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 06:15:00 | 26 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 06:30:00 | 27 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 06:45:00 | 28 | 5000.0 | 0.0   | 0.0    | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 07:00:00 | 29 | 5000.0 | 47.5  | 0.0    | -47.5   | 0.95 | 440.32  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 07:15:00 | 30 | 5000.0 | 220.0 | 11.72  | -208.28 | 4.17 | 1930.76 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 07:30:00 | 31 | 5000.0 | 370.0 | 67.19  | -302.81 | 6.06 | 2807.05 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 07:45:00 | 32 | 5000.0 | 510.0 | 156.25 | -353.75 | 7.07 | 3279.26 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 08:00:00 | 33 | 5000.0 | 670.0 | 186.72 | -483.28 | 9.67 | 4480.01 | NA | NA |

|                     |                     |    |        |        |         |          |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|----------|-------|---------|----|----|
| Naldurg Inter 132kV | 10/01/2020 08:15:00 | 34 | 5000.0 | 840.0  | 214.06  | -625.94  | 12.52 | 5802.46 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 08:30:00 | 35 | 5000.0 | 997.5  | 333.59  | -663.91  | 13.28 | 6154.45 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 08:45:00 | 36 | 5000.0 | 1172.5 | 470.31  | -702.19  | 14.04 | 6509.30 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 09:00:00 | 37 | 5000.0 | 1350.0 | 492.97  | -857.03  | 17.14 | 7845.13 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 09:15:00 | 38 | 5000.0 | 1527.5 | 572.66  | -954.84  | 19.1  | 8660.87 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 09:30:00 | 39 | 5000.0 | 1725.0 | 703.12  | -1021.88 | 20.44 | 9219.98 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 09:45:00 | 40 | 5000.0 | 1897.5 | 1460.16 | -437.34  | 8.75  | 4054.14 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 10:00:00 | 41 | 5000.0 | 2027.5 | 1407.03 | -620.47  | 12.41 | 5751.76 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 10:15:00 | 42 | 5000.0 | 2077.5 | 1914.84 | -162.66  | 3.25  | 1507.86 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 10:30:00 | 43 | 5000.0 | 2145.0 | 2127.34 | -17.66   | 0.35  | 163.71  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 10:45:00 | 44 | 5000.0 | 2200.0 | 2458.59 | 258.59   | 5.17  | 2397.13 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 11:00:00 | 45 | 5000.0 | 2242.5 | 2664.06 | 421.56   | 8.43  | 3907.86 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 11:15:00 | 46 | 5000.0 | 2275.0 | 2821.09 | 546.09   | 10.92 | 5062.25 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 11:30:00 | 47 | 5000.0 | 2295.0 | 2924.22 | 629.22   | 12.58 | 5832.87 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 11:45:00 | 48 | 5000.0 | 2305.0 | 2918.75 | 613.75   | 12.28 | 5689.46 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 12:00:00 | 49 | 5000.0 | 2302.5 | 2934.38 | 631.88   | 12.64 | 5857.53 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 12:15:00 | 50 | 5000.0 | 2287.5 | 2962.5  | 675.0    | 13.5  | 6257.25 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 12:30:00 | 51 | 5000.0 | 2262.5 | 3019.53 | 757.03   | 15.14 | 7024.21 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 12:45:00 | 52 | 5000.0 | 2227.5 | 3018.75 | 791.25   | 15.82 | 7373.25 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 13:00:00 | 53 | 5000.0 | 2167.5 | 2966.41 | 798.91   | 15.98 | 7451.38 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 13:15:00 | 54 | 5000.0 | 2177.5 | 2321.09 | 143.59   | 2.87  | 1331.08 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 10/01/2020 13:30:00 | 55 | 5000.0 | 1900.0 | 2031.25 | 131.25  | 2.62  | 1216.69 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 13:45:00 | 56 | 5000.0 | 1862.5 | 2602.34 | 739.84  | 14.8  | 6858.32 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 14:00:00 | 57 | 5000.0 | 1815.0 | 1897.66 | 82.66   | 1.65  | 766.26  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 14:15:00 | 58 | 5000.0 | 1757.5 | 1815.62 | 58.12   | 1.16  | 538.77  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 14:30:00 | 59 | 5000.0 | 1690.0 | 1453.12 | -236.88 | 4.74  | 2195.88 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 14:45:00 | 60 | 5000.0 | 1612.5 | 1791.41 | 178.91  | 3.58  | 1658.50 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 15:00:00 | 61 | 5000.0 | 1527.5 | 2183.59 | 656.09  | 13.12 | 6081.95 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 15:15:00 | 62 | 5000.0 | 1432.5 | 1717.97 | 285.47  | 5.71  | 2646.31 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 15:30:00 | 63 | 5000.0 | 1352.5 | 800.78  | -551.72 | 11.03 | 5114.44 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 15:45:00 | 64 | 5000.0 | 1242.5 | 874.22  | -368.28 | 7.37  | 3413.96 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 16:00:00 | 65 | 5000.0 | 1097.5 | 1160.16 | 62.66   | 1.25  | 580.86  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 16:15:00 | 66 | 5000.0 | 927.5  | 1021.88 | 94.38   | 1.89  | 874.90  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 16:30:00 | 67 | 5000.0 | 760.0  | 678.12  | -81.88  | 1.64  | 759.03  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 16:45:00 | 68 | 5000.0 | 602.5  | 485.94  | -116.56 | 2.33  | 1080.51 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 17:00:00 | 69 | 5000.0 | 452.5  | 351.56  | -100.94 | 2.02  | 935.71  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 17:15:00 | 70 | 5000.0 | 325.0  | 216.41  | -108.59 | 2.17  | 1006.63 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 17:30:00 | 71 | 5000.0 | 195.0  | 97.66   | -97.34  | 1.95  | 902.34  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 17:45:00 | 72 | 5000.0 | 50.0   | 14.84   | -35.16  | 0.7   | 325.93  | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 18:00:00 | 73 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 18:15:00 | 74 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 18:30:00 | 75 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |

|                     |                     |    |        |     |     |     |     |      |    |    |
|---------------------|---------------------|----|--------|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 10/01/2020 18:45:00 | 76 | 5000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 19:00:00 | 77 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 19:15:00 | 78 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 19:30:00 | 79 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 19:45:00 | 80 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 20:00:00 | 81 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 20:15:00 | 82 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 20:30:00 | 83 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 20:45:00 | 84 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 21:00:00 | 85 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 21:15:00 | 86 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 21:30:00 | 87 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 21:45:00 | 88 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 22:00:00 | 89 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 22:15:00 | 90 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 22:30:00 | 91 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 22:45:00 | 92 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 23:00:00 | 93 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 23:15:00 | 94 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 23:30:00 | 95 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 10/01/2020 23:45:00 | 96 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 11/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 02:15:00 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 02:30:00 | 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 02:45:00 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 03:00:00 | 13 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 03:15:00 | 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 03:30:00 | 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 03:45:00 | 16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 04:00:00 | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 04:15:00 | 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 11/01/2020 05:15:00 | 22 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 05:30:00 | 23 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 05:45:00 | 24 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 06:00:00 | 25 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 06:15:00 | 26 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 06:30:00 | 27 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 06:45:00 | 28 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 07:00:00 | 29 | 5000.0 | 87.5   | 0.0     | -87.5   | 1.75  | 811.12  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 07:15:00 | 30 | 5000.0 | 297.5  | 28.12   | -269.38 | 5.39  | 2497.15 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 07:30:00 | 31 | 5000.0 | 547.5  | 123.44  | -424.06 | 8.48  | 3931.04 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 07:45:00 | 32 | 5000.0 | 755.0  | 278.91  | -476.09 | 9.52  | 4413.35 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 08:00:00 | 33 | 5000.0 | 972.5  | 435.16  | -537.34 | 10.75 | 4981.14 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 08:15:00 | 34 | 5000.0 | 1192.5 | 614.84  | -577.66 | 11.55 | 5354.91 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 08:30:00 | 35 | 5000.0 | 1415.0 | 790.62  | -624.38 | 12.49 | 5788.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 08:45:00 | 36 | 5000.0 | 1645.0 | 950.0   | -695.0  | 13.9  | 6442.65 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 09:00:00 | 37 | 5000.0 | 1877.5 | 1173.44 | -704.06 | 14.08 | 6526.64 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 09:15:00 | 38 | 5000.0 | 2107.5 | 1442.97 | -664.53 | 13.29 | 6160.19 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 09:30:00 | 39 | 5000.0 | 2337.5 | 1650.78 | -686.72 | 13.73 | 6365.89 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 09:45:00 | 40 | 5000.0 | 2562.5 | 1832.81 | -729.69 | 14.59 | 6764.23 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 10:00:00 | 41 | 5000.0 | 2740.0 | 2072.66 | -667.34 | 13.35 | 6186.24 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 10:15:00 | 42 | 5000.0 | 2867.5 | 2250.78 | -616.72 | 12.33 | 5716.99 | NA | NA |

|                     |                     |    |        |        |         |          |       |          |    |    |
|---------------------|---------------------|----|--------|--------|---------|----------|-------|----------|----|----|
| Naldurg Inter 132kV | 11/01/2020 10:30:00 | 43 | 5000.0 | 2982.5 | 2356.25 | -626.25  | 12.53 | 5805.34  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 10:45:00 | 44 | 5000.0 | 3082.5 | 2523.44 | -559.06  | 11.18 | 5182.49  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 11:00:00 | 45 | 5000.0 | 3170.0 | 2628.91 | -541.09  | 10.82 | 5015.90  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 11:15:00 | 46 | 5000.0 | 3245.0 | 2792.19 | -452.81  | 9.06  | 4197.55  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 11:30:00 | 47 | 5000.0 | 3305.0 | 2845.31 | -459.69  | 9.19  | 4261.33  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 11:45:00 | 48 | 5000.0 | 3352.5 | 2923.44 | -429.06  | 8.58  | 3977.39  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 12:00:00 | 49 | 5000.0 | 3375.0 | 2842.97 | -532.03  | 10.64 | 4931.92  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 12:15:00 | 50 | 5000.0 | 3392.5 | 2725.0  | -667.5   | 13.35 | 6187.72  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 12:30:00 | 51 | 5000.0 | 3397.5 | 2759.38 | -638.12  | 12.76 | 5915.37  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 12:45:00 | 52 | 5000.0 | 3390.0 | 2507.81 | -882.19  | 17.64 | 8054.96  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 13:00:00 | 53 | 5000.0 | 3350.0 | 1467.19 | -1882.81 | 37.66 | 24504.44 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 13:15:00 | 54 | 5000.0 | 3280.0 | 2281.25 | -998.75  | 19.98 | 9027.08  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 13:30:00 | 55 | 5000.0 | 2947.5 | 2128.91 | -818.59  | 16.37 | 7524.54  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 13:45:00 | 56 | 5000.0 | 2875.0 | 2739.06 | -135.94  | 2.72  | 1260.16  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 14:00:00 | 57 | 5000.0 | 2790.0 | 2707.03 | -82.97   | 1.66  | 769.13   | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 14:15:00 | 58 | 5000.0 | 2692.5 | 1752.34 | -940.16  | 18.8  | 8538.43  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 14:30:00 | 59 | 5000.0 | 2582.5 | 1657.03 | -925.47  | 18.51 | 8415.92  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 14:45:00 | 60 | 5000.0 | 2460.0 | 1321.09 | -1138.91 | 22.78 | 10196.01 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 15:00:00 | 61 | 5000.0 | 2327.5 | 1946.88 | -380.62  | 7.61  | 3528.35  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 15:15:00 | 62 | 5000.0 | 2185.0 | 1803.12 | -381.88  | 7.64  | 3540.03  | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 15:30:00 | 63 | 5000.0 | 2032.5 | 831.25  | -1201.25 | 24.02 | 10715.92 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 11/01/2020 15:45:00 | 64 | 5000.0 | 1875.0 | 1212.5  | -662.5  | 13.25 | 6141.37 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 16:00:00 | 65 | 5000.0 | 1672.5 | 1323.44 | -349.06 | 6.98  | 3235.79 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 16:15:00 | 66 | 5000.0 | 1437.5 | 1085.16 | -352.34 | 7.05  | 3266.19 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 16:30:00 | 67 | 5000.0 | 1207.5 | 625.78  | -581.72 | 11.63 | 5392.54 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 16:45:00 | 68 | 5000.0 | 987.5  | 310.94  | -676.56 | 13.53 | 6271.71 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 17:00:00 | 69 | 5000.0 | 777.5  | 206.25  | -571.25 | 11.43 | 5295.49 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 17:15:00 | 70 | 5000.0 | 567.5  | 198.44  | -369.06 | 7.38  | 3421.19 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 17:30:00 | 71 | 5000.0 | 352.5  | 117.19  | -235.31 | 4.71  | 2181.32 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 17:45:00 | 72 | 5000.0 | 137.5  | 17.19   | -120.31 | 2.41  | 1115.27 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 18:00:00 | 73 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 18:15:00 | 74 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 18:30:00 | 75 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 18:45:00 | 76 | 5000.0 | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 19:00:00 | 77 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 19:15:00 | 78 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 19:30:00 | 79 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 19:45:00 | 80 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 20:00:00 | 81 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 20:15:00 | 82 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 20:30:00 | 83 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 20:45:00 | 84 | 0.0    | 0.0    | 0.0     | 0.0     | 0.0   | 0.00    | NA | NA |

|                     |                     |    |     |     |     |     |     |      |    |    |
|---------------------|---------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 11/01/2020 21:00:00 | 85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 21:15:00 | 86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 21:30:00 | 87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 21:45:00 | 88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 22:00:00 | 89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 22:15:00 | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 22:30:00 | 91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 22:45:00 | 92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 23:00:00 | 93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 11/01/2020 23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 00:00:00 | 1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 00:15:00 | 2  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 00:30:00 | 3  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 00:45:00 | 4  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 01:00:00 | 5  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 01:15:00 | 6  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 01:30:00 | 7  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 01:45:00 | 8  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 02:00:00 | 9  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                     |                     |    |        |       |       |         |      |         |    |    |
|---------------------|---------------------|----|--------|-------|-------|---------|------|---------|----|----|
| Naldurg Inter 132kV | 12/01/2020 02:15:00 | 10 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 02:30:00 | 11 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 02:45:00 | 12 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 03:00:00 | 13 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 03:15:00 | 14 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 03:30:00 | 15 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 03:45:00 | 16 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 04:00:00 | 17 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 04:15:00 | 18 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 04:30:00 | 19 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 04:45:00 | 20 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 05:00:00 | 21 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 05:15:00 | 22 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 05:30:00 | 23 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 05:45:00 | 24 | 0.0    | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 06:00:00 | 25 | 5000.0 | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 06:15:00 | 26 | 5000.0 | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 06:30:00 | 27 | 5000.0 | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 06:45:00 | 28 | 5000.0 | 0.0   | 0.0   | 0.0     | 0.0  | 0.00    | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 07:00:00 | 29 | 5000.0 | 87.5  | 0.0   | -87.5   | 1.75 | 811.12  | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 07:15:00 | 30 | 5000.0 | 315.0 | 58.59 | -256.41 | 5.13 | 2376.92 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 12/01/2020 07:30:00 | 31 | 5000.0 | 575.0  | 178.12  | -396.88 | 7.94  | 3679.08 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 07:45:00 | 32 | 5000.0 | 830.0  | 329.69  | -500.31 | 10.01 | 4637.87 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 08:00:00 | 33 | 5000.0 | 1050.0 | 521.09  | -528.91 | 10.58 | 4903.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 08:15:00 | 34 | 5000.0 | 1277.5 | 735.16  | -542.34 | 10.85 | 5027.49 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 08:30:00 | 35 | 5000.0 | 1517.5 | 986.72  | -530.78 | 10.62 | 4920.33 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 08:45:00 | 36 | 5000.0 | 1752.5 | 1228.91 | -523.59 | 10.47 | 4853.68 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 09:00:00 | 37 | 5000.0 | 1985.0 | 1480.47 | -504.53 | 10.09 | 4676.99 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 09:15:00 | 38 | 5000.0 | 2217.5 | 1729.69 | -487.81 | 9.76  | 4522.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 09:30:00 | 39 | 5000.0 | 2442.5 | 1960.16 | -482.34 | 9.65  | 4471.29 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 09:45:00 | 40 | 5000.0 | 2652.5 | 2154.69 | -497.81 | 9.96  | 4614.70 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 10:00:00 | 41 | 5000.0 | 2835.0 | 2341.41 | -493.59 | 9.87  | 4575.58 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 10:15:00 | 42 | 5000.0 | 2980.0 | 2536.72 | -443.28 | 8.87  | 4109.21 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 10:30:00 | 43 | 5000.0 | 3110.0 | 2660.16 | -449.84 | 9.0   | 4170.02 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 10:45:00 | 44 | 5000.0 | 3230.0 | 2804.69 | -425.31 | 8.51  | 3942.62 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 11:00:00 | 45 | 5000.0 | 3335.0 | 2914.84 | -420.16 | 8.4   | 3894.88 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 11:15:00 | 46 | 5000.0 | 3425.0 | 3030.47 | -394.53 | 7.89  | 3657.29 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 11:30:00 | 47 | 5000.0 | 3502.5 | 3150.78 | -351.72 | 7.03  | 3260.44 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 11:45:00 | 48 | 5000.0 | 3567.5 | 3155.47 | -412.03 | 8.24  | 3819.52 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 12:00:00 | 49 | 5000.0 | 3617.5 | 3207.03 | -410.47 | 8.21  | 3805.06 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 12:15:00 | 50 | 5000.0 | 3650.0 | 3269.53 | -380.47 | 7.61  | 3526.96 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 12:30:00 | 51 | 5000.0 | 3670.0 | 3221.88 | -448.12 | 8.96  | 4154.07 | NA | NA |

|                     |                     |    |        |        |         |         |       |         |    |    |
|---------------------|---------------------|----|--------|--------|---------|---------|-------|---------|----|----|
| Naldurg Inter 132kV | 12/01/2020 12:45:00 | 52 | 5000.0 | 3677.5 | 3175.78 | -501.72 | 10.03 | 4650.94 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 13:00:00 | 53 | 5000.0 | 3642.5 | 3212.5  | -430.0  | 8.6   | 3986.10 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 13:15:00 | 54 | 5000.0 | 3572.5 | 3034.38 | -538.12 | 10.76 | 4988.37 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 13:30:00 | 55 | 5000.0 | 3475.0 | 3121.88 | -353.12 | 7.06  | 3273.42 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 13:45:00 | 56 | 5000.0 | 3375.0 | 2939.06 | -435.94 | 8.72  | 4041.16 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 14:00:00 | 57 | 5000.0 | 3260.0 | 2821.09 | -438.91 | 8.78  | 4068.70 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 14:15:00 | 58 | 5000.0 | 3130.0 | 2767.97 | -362.03 | 7.24  | 3356.02 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 14:30:00 | 59 | 5000.0 | 3002.5 | 2671.09 | -331.41 | 6.63  | 3072.17 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 14:45:00 | 60 | 5000.0 | 2850.0 | 2552.34 | -297.66 | 5.95  | 2759.31 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 15:00:00 | 61 | 5000.0 | 2685.0 | 2366.41 | -318.59 | 6.37  | 2953.33 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 15:15:00 | 62 | 5000.0 | 2507.5 | 2133.59 | -373.91 | 7.48  | 3466.15 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 15:30:00 | 63 | 5000.0 | 2312.5 | 1900.78 | -411.72 | 8.23  | 3816.64 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 15:45:00 | 64 | 5000.0 | 2120.0 | 1682.03 | -437.97 | 8.76  | 4059.98 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 16:00:00 | 65 | 5000.0 | 1890.0 | 1432.03 | -457.97 | 9.16  | 4245.38 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 16:15:00 | 66 | 5000.0 | 1632.5 | 1172.66 | -459.84 | 9.2   | 4262.72 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 16:30:00 | 67 | 5000.0 | 1377.5 | 893.75  | -483.75 | 9.68  | 4484.36 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 16:45:00 | 68 | 5000.0 | 1132.5 | 642.19  | -490.31 | 9.81  | 4545.17 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 17:00:00 | 69 | 5000.0 | 892.5  | 440.62  | -451.88 | 9.04  | 4188.93 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 17:15:00 | 70 | 5000.0 | 655.0  | 277.34  | -377.66 | 7.55  | 3500.91 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 17:30:00 | 71 | 5000.0 | 375.0  | 132.81  | -242.19 | 4.84  | 2245.10 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 17:45:00 | 72 | 5000.0 | 187.5  | 31.25   | -156.25 | 3.12  | 1448.44 | NA | NA |

|                     |                     |    |        |     |     |     |     |      |    |    |
|---------------------|---------------------|----|--------|-----|-----|-----|-----|------|----|----|
| Naldurg Inter 132kV | 12/01/2020 18:00:00 | 73 | 5000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 18:15:00 | 74 | 5000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 18:30:00 | 75 | 5000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 18:45:00 | 76 | 5000.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 19:00:00 | 77 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 19:15:00 | 78 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 19:30:00 | 79 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 19:45:00 | 80 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 20:00:00 | 81 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 20:15:00 | 82 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 20:30:00 | 83 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 20:45:00 | 84 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 21:00:00 | 85 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 21:15:00 | 86 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 21:30:00 | 87 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 21:45:00 | 88 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 22:00:00 | 89 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 22:15:00 | 90 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 22:30:00 | 91 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 22:45:00 | 92 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter 132kV | 12/01/2020 23:00:00 | 93 | 0.0    | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |

|                        |                        |    |     |     |     |     |     |      |    |    |
|------------------------|------------------------|----|-----|-----|-----|-----|-----|------|----|----|
| Naldurg Inter<br>132kV | 12/01/2020<br>23:15:00 | 94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter<br>132kV | 12/01/2020<br>23:30:00 | 95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |
| Naldurg Inter<br>132kV | 12/01/2020<br>23:45:00 | 96 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | NA | NA |