

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

| <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> |
|----------------|---------------------|-----------------|------------------|-----------------------|---------------------|------------------------|--------------------------------------|------------------------------------|-----------------------------|------------------------------------------|
| Jamsande 33kV  | 13/01/2020 00:00:00 | 1               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 4.514                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 00:15:00 | 2               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 0.000                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 00:30:00 | 3               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 0.000                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 00:45:00 | 4               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -2.343                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 01:00:00 | 5               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -2.343                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 01:15:00 | 6               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -2.929                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 01:30:00 | 7               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 4.197                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 01:45:00 | 8               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 1.757                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 02:00:00 | 9               | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.343                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 02:15:00 | 10              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.343                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 02:30:00 | 11              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.343                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 02:45:00 | 12              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.343                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 03:00:00 | 13              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 4.196                       | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 03:15:00 | 14              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -3.246                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 03:30:00 | 15              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -1.757                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 03:45:00 | 16              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -2.343                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 04:00:00 | 17              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | -3.880                      | 0.000000                                 |
| Jamsande 33kV  | 13/01/2020 04:15:00 | 18              | 0.0              | 0.0                   | 0.0                 | 0.0                    | 0.0                                  | 0.00                               | 2.929                       | 0.000000                                 |

|               |                        |    |     |     |     |     |     |      |        |          |
|---------------|------------------------|----|-----|-----|-----|-----|-----|------|--------|----------|
| Jamsande 33kV | 13/01/2020<br>04:30:00 | 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.246  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>04:45:00 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.757  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>05:00:00 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>05:15:00 | 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -1.757 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>05:30:00 | 23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.246 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>05:45:00 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -0.586 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>06:00:00 | 25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -3.563 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>06:15:00 | 26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.196  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>06:30:00 | 27 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -5.464 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>06:45:00 | 28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -4.597 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>07:00:00 | 29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -7.683 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>07:15:00 | 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.831  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>07:30:00 | 31 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.172  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>07:45:00 | 32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.586  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>08:00:00 | 33 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>08:15:00 | 34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | -2.343 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>08:30:00 | 35 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.929  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>08:45:00 | 36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1.757  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>09:00:00 | 37 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2.343  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>09:15:00 | 38 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3.246  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>09:30:00 | 39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4.831  | 0.000000 |

|               |                        |    |        |       |     |        |      |       |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|------|-------|--------|----------|
| Jamsande 33kV | 13/01/2020<br>09:45:00 | 40 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -1.757 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>10:00:00 | 41 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -2.929 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>10:15:00 | 42 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 3.563  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>10:30:00 | 43 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 2.931  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>10:45:00 | 44 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -2.929 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>11:00:00 | 45 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -4.514 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>11:15:00 | 46 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -2.929 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>11:30:00 | 47 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -2.343 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>11:45:00 | 48 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 4.197  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>12:00:00 | 49 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 3.723  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>12:15:00 | 50 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 3.880  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>12:30:00 | 51 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -1.757 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>12:45:00 | 52 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -1.757 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>13:00:00 | 53 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -1.172 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>13:15:00 | 54 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | -1.172 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>13:30:00 | 55 | 0.0    | 0.0   | 0.0 | 0.0    | 0.0  | 0.00  | 0.000  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>13:45:00 | 56 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00  | 2.928  | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>14:00:00 | 57 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50 | -4.197 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>14:15:00 | 58 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50 | -6.415 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>14:30:00 | 59 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50 | -4.514 | 0.000000 |
| Jamsande 33kV | 13/01/2020<br>14:45:00 | 60 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50 | -7.683 | 0.000000 |

|               |                        |    |        |       |     |        |       |        |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|-------|--------|--------|------------|
| Jamsande 33kV | 13/01/2020<br>15:00:00 | 61 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 1.757  | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>15:15:00 | 62 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 5.141  | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>15:30:00 | 63 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | -4.831 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>15:45:00 | 64 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | -3.563 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>16:00:00 | 65 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -2.929 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>16:15:00 | 66 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -4.197 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>16:30:00 | 67 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -4.831 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>16:45:00 | 68 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -4.197 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>17:00:00 | 69 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.246 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>17:15:00 | 70 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.880 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>17:30:00 | 71 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.880 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>17:45:00 | 72 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 2.343  | 96.855556  |
| Jamsande 33kV | 13/01/2020<br>18:00:00 | 73 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -0.586 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>18:15:00 | 74 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 3.563  | 202.417588 |
| Jamsande 33kV | 13/01/2020<br>18:30:00 | 75 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 2.343  | 430.501939 |
| Jamsande 33kV | 13/01/2020<br>18:45:00 | 76 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 0.586  | 21.879430  |
| Jamsande 33kV | 13/01/2020<br>19:00:00 | 77 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -0.586 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>19:15:00 | 78 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.246 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>19:30:00 | 79 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -4.514 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>19:45:00 | 80 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -4.514 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>20:00:00 | 81 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -1.757 | 0.000000   |

|               |                        |    |        |       |     |        |       |        |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|-------|--------|--------|------------|
| Jamsande 33kV | 13/01/2020<br>20:15:00 | 82 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -4.830 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>20:30:00 | 83 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -3.246 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>20:45:00 | 84 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 4.514  | 325.233687 |
| Jamsande 33kV | 13/01/2020<br>21:00:00 | 85 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -5.464 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>21:15:00 | 86 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -2.929 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>21:30:00 | 87 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -1.632 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>21:45:00 | 88 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -2.182 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>22:00:00 | 89 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -4.514 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>22:15:00 | 90 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 5.781  | 813.337419 |
| Jamsande 33kV | 13/01/2020<br>22:30:00 | 91 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 2.344  | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>22:45:00 | 92 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -1.172 | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>23:00:00 | 93 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 2.343  | 122.219927 |
| Jamsande 33kV | 13/01/2020<br>23:15:00 | 94 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 1.199  | 268.936142 |
| Jamsande 33kV | 13/01/2020<br>23:30:00 | 95 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 0.000  | 0.000000   |
| Jamsande 33kV | 13/01/2020<br>23:45:00 | 96 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 0.000  | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>00:00:00 | 1  | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1  | 0.00   | -0.550 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>00:15:00 | 2  | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1  | 0.00   | -1.650 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>00:30:00 | 3  | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1  | 0.00   | -1.650 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>00:45:00 | 4  | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1  | 0.00   | -2.857 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>01:00:00 | 5  | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8   | 0.00   | -1.962 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>01:15:00 | 6  | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8   | 0.00   | -1.499 | 0.000000   |

|               |                        |    |        |       |     |        |     |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|-----|------|--------|------------|
| Jamsande 33kV | 14/01/2020<br>01:30:00 | 7  | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8 | 0.00 | -2.722 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>01:45:00 | 8  | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8 | 0.00 | -3.406 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>02:00:00 | 9  | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.078  | 22.426683  |
| Jamsande 33kV | 14/01/2020<br>02:15:00 | 10 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 1.100  | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>02:30:00 | 11 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 2.749  | 40.544719  |
| Jamsande 33kV | 14/01/2020<br>02:45:00 | 12 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 2.749  | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>03:00:00 | 13 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.406 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>03:15:00 | 14 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.406  | 14.791050  |
| Jamsande 33kV | 14/01/2020<br>03:30:00 | 15 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.769  | 464.861762 |
| Jamsande 33kV | 14/01/2020<br>03:45:00 | 16 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.405  | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>04:00:00 | 17 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -4.062 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>04:15:00 | 18 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -1.734 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>04:30:00 | 19 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -1.503 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>04:45:00 | 20 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -2.199 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>05:00:00 | 21 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.734  | 80.240057  |
| Jamsande 33kV | 14/01/2020<br>05:15:00 | 22 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.406  | 250.295756 |
| Jamsande 33kV | 14/01/2020<br>05:30:00 | 23 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 5.703  | 471.338284 |
| Jamsande 33kV | 14/01/2020<br>05:45:00 | 24 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.390  | 200.538634 |
| Jamsande 33kV | 14/01/2020<br>06:00:00 | 25 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 2.749  | 26.514660  |
| Jamsande 33kV | 14/01/2020<br>06:15:00 | 26 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 0.559  | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>06:30:00 | 27 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.406  | 23.565981  |

|               |                        |    |        |       |     |        |     |      |        |             |
|---------------|------------------------|----|--------|-------|-----|--------|-----|------|--------|-------------|
| Jamsande 33kV | 14/01/2020<br>06:45:00 | 28 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.390  | 217.505335  |
| Jamsande 33kV | 14/01/2020<br>07:00:00 | 29 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.766  | 510.043821  |
| Jamsande 33kV | 14/01/2020<br>07:15:00 | 30 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 16.000 | 1871.802143 |
| Jamsande 33kV | 14/01/2020<br>07:30:00 | 31 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 8.121  | 410.316341  |
| Jamsande 33kV | 14/01/2020<br>07:45:00 | 32 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 5.472  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>08:00:00 | 33 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 3.967  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>08:15:00 | 34 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 4.736  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>08:30:00 | 35 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 3.861  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>08:45:00 | 36 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 4.294  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>09:00:00 | 37 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 2.749  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>09:15:00 | 38 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 2.749  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>09:30:00 | 39 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -1.650 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>09:45:00 | 40 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -0.988 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>10:00:00 | 41 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -3.406 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>10:15:00 | 42 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 1.100  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>10:30:00 | 43 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -1.100 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>10:45:00 | 44 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -2.749 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>11:00:00 | 45 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -2.749 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>11:15:00 | 46 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -1.650 | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>11:30:00 | 47 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 1.650  | 0.000000    |
| Jamsande 33kV | 14/01/2020<br>11:45:00 | 48 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 2.750  | 0.000000    |

|               |                        |    |        |        |     |         |      |        |        |          |
|---------------|------------------------|----|--------|--------|-----|---------|------|--------|--------|----------|
| Jamsande 33kV | 14/01/2020<br>12:00:00 | 49 | 2500.0 | 245.0  | 0.0 | -245.0  | 9.8  | 0.00   | 1.100  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>12:15:00 | 50 | 2500.0 | 245.0  | 0.0 | -245.0  | 9.8  | 0.00   | 4.391  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>12:30:00 | 51 | 2500.0 | 245.0  | 0.0 | -245.0  | 9.8  | 0.00   | -2.199 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>12:45:00 | 52 | 2500.0 | 245.0  | 0.0 | -245.0  | 9.8  | 0.00   | -2.749 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>13:00:00 | 53 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | 0.000  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>13:15:00 | 54 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -1.100 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>13:30:00 | 55 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -2.749 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>13:45:00 | 56 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | 2.749  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>14:00:00 | 57 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 1.100  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>14:15:00 | 58 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 1.650  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>14:30:00 | 59 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -1.100 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>14:45:00 | 60 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -2.200 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>15:00:00 | 61 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -1.650 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>15:15:00 | 62 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -3.406 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>15:30:00 | 63 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -0.550 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>15:45:00 | 64 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 3.078  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>16:00:00 | 65 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 2.199  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>16:15:00 | 66 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -4.062 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>16:30:00 | 67 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 5.375  | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>16:45:00 | 68 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -7.016 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>17:00:00 | 69 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 4.390  | 0.000000 |

|               |                        |    |        |        |     |         |      |        |        |            |
|---------------|------------------------|----|--------|--------|-----|---------|------|--------|--------|------------|
| Jamsande 33kV | 14/01/2020<br>17:15:00 | 70 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -4.390 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>17:30:00 | 71 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -6.359 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>17:45:00 | 72 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -3.078 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>18:00:00 | 73 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -5.703 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>18:15:00 | 74 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -6.360 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>18:30:00 | 75 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -2.749 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>18:45:00 | 76 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.650 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>19:00:00 | 77 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -2.199 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>19:15:00 | 78 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -2.749 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>19:30:00 | 79 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.650 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>19:45:00 | 80 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | 0.550  | 126.748087 |
| Jamsande 33kV | 14/01/2020<br>20:00:00 | 81 | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | 2.200  | 434.348772 |
| Jamsande 33kV | 14/01/2020<br>20:15:00 | 82 | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | 2.199  | 157.676975 |
| Jamsande 33kV | 14/01/2020<br>20:30:00 | 83 | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -3.078 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>20:45:00 | 84 | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -4.718 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>21:00:00 | 85 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.204 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>21:15:00 | 86 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.326 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>21:30:00 | 87 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -0.633 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>21:45:00 | 88 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -0.493 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>22:00:00 | 89 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.963 | 0.000000   |
| Jamsande 33kV | 14/01/2020<br>22:15:00 | 90 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | -1.913 | 0.000000   |

|               |                        |    |        |       |     |        |      |        |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|------|--------|--------|----------|
| Jamsande 33kV | 14/01/2020<br>22:30:00 | 91 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -2.199 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>22:45:00 | 92 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -0.874 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>23:00:00 | 93 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -0.975 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>23:15:00 | 94 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -0.577 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>23:30:00 | 95 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -0.911 | 0.000000 |
| Jamsande 33kV | 14/01/2020<br>23:45:00 | 96 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -0.550 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>00:00:00 | 1  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | 0.000  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>00:15:00 | 2  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | 0.536  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>00:30:00 | 3  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -1.073 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>00:45:00 | 4  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>01:00:00 | 5  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -5.008 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>01:15:00 | 6  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -3.346 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>01:30:00 | 7  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -3.310 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>01:45:00 | 8  | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -2.114 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>02:00:00 | 9  | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>02:15:00 | 10 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>02:30:00 | 11 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>02:45:00 | 12 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -1.073 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>03:00:00 | 13 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -3.679 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>03:15:00 | 14 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>03:30:00 | 15 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -4.676 | 0.000000 |

|               |                        |    |        |       |     |        |       |       |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|-------|-------|--------|----------|
| Jamsande 33kV | 15/01/2020<br>03:45:00 | 16 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | -3.346 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>04:00:00 | 17 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | -4.011 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>04:15:00 | 18 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | -2.145 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>04:30:00 | 19 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | -1.131 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>04:45:00 | 20 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | -2.114 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>05:00:00 | 21 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -2.436 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>05:15:00 | 22 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -3.679 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>05:30:00 | 23 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -4.676 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>05:45:00 | 24 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -3.346 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>06:00:00 | 25 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | -2.618 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>06:15:00 | 26 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -3.679 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>06:30:00 | 27 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>06:45:00 | 28 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -0.905 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>07:00:00 | 29 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>07:15:00 | 30 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | 3.678  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>07:30:00 | 31 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -4.011 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>07:45:00 | 32 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -3.346 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>08:00:00 | 33 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>08:15:00 | 34 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>08:30:00 | 35 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -3.346 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>08:45:00 | 36 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.681 | 0.000000 |

|               |                        |    |        |       |     |        |       |       |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|-------|-------|--------|----------|
| Jamsande 33kV | 15/01/2020<br>09:00:00 | 37 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | 3.014  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>09:15:00 | 38 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | 1.609  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>09:30:00 | 39 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -0.536 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>09:45:00 | 40 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -0.536 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>10:00:00 | 41 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | 0.000  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>10:15:00 | 42 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>10:30:00 | 43 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.682 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>10:45:00 | 44 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0   | 0.00  | -2.763 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>11:00:00 | 45 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -4.011 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>11:15:00 | 46 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -1.065 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>11:30:00 | 47 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>11:45:00 | 48 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28  | 0.00  | 0.000  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>12:00:00 | 49 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 0.000  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>12:15:00 | 50 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>12:30:00 | 51 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | -3.014 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>12:45:00 | 52 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 2.681  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>13:00:00 | 53 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | 0.000  | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>13:15:00 | 54 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>13:30:00 | 55 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -1.609 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>13:45:00 | 56 | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -1.073 | 0.000000 |
| Jamsande 33kV | 15/01/2020<br>14:00:00 | 57 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50 | 0.000  | 0.000000 |

|               |                        |    |        |       |     |        |       |        |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|-------|--------|--------|------------|
| Jamsande 33kV | 15/01/2020<br>14:15:00 | 58 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 2.145  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>14:30:00 | 59 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 1.609  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>14:45:00 | 60 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | -2.145 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>15:00:00 | 61 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>15:15:00 | 62 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -1.609 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>15:30:00 | 63 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.346 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>15:45:00 | 64 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 2.145  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>16:00:00 | 65 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 1.073  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>16:15:00 | 66 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.022 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>16:30:00 | 67 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 3.679  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>16:45:00 | 68 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -1.609 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>17:00:00 | 69 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 0.536  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>17:15:00 | 70 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -2.145 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>17:30:00 | 71 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -3.346 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>17:45:00 | 72 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -1.298 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>18:00:00 | 73 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -2.145 | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>18:15:00 | 74 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 4.344  | 359.620583 |
| Jamsande 33kV | 15/01/2020<br>18:30:00 | 75 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 1.609  | 329.274340 |
| Jamsande 33kV | 15/01/2020<br>18:45:00 | 76 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 0.536  | 46.919826  |
| Jamsande 33kV | 15/01/2020<br>19:00:00 | 77 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 0.000  | 0.000000   |
| Jamsande 33kV | 15/01/2020<br>19:15:00 | 78 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -2.145 | 0.000000   |

|               |                        |    |        |       |     |        |       |        |        |             |
|---------------|------------------------|----|--------|-------|-----|--------|-------|--------|--------|-------------|
| Jamsande 33kV | 15/01/2020<br>19:30:00 | 79 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -1.256 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>19:45:00 | 80 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -1.164 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>20:00:00 | 81 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -1.833 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>20:15:00 | 82 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | -3.346 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>20:30:00 | 83 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 3.014  | 906.089552  |
| Jamsande 33kV | 15/01/2020<br>20:45:00 | 84 | 2500.0 | 908.0 | 0.0 | -908.0 | 36.32 | 424.50 | 3.016  | 1312.676426 |
| Jamsande 33kV | 15/01/2020<br>21:00:00 | 85 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 4.343  | 260.012550  |
| Jamsande 33kV | 15/01/2020<br>21:15:00 | 86 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -3.014 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>21:30:00 | 87 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -0.536 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>21:45:00 | 88 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 0.000  | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>22:00:00 | 89 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | -2.654 | 0.000000    |
| Jamsande 33kV | 15/01/2020<br>22:15:00 | 90 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 2.145  | 254.822447  |
| Jamsande 33kV | 15/01/2020<br>22:30:00 | 91 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 3.014  | 889.097993  |
| Jamsande 33kV | 15/01/2020<br>22:45:00 | 92 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6  | 240.00 | 2.145  | 445.785911  |
| Jamsande 33kV | 15/01/2020<br>23:00:00 | 93 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 1.609  | 155.562286  |
| Jamsande 33kV | 15/01/2020<br>23:15:00 | 94 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 1.609  | 170.434600  |
| Jamsande 33kV | 15/01/2020<br>23:30:00 | 95 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 0.536  | 65.694815   |
| Jamsande 33kV | 15/01/2020<br>23:45:00 | 96 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8  | 97.50  | 0.000  | 0.000000    |
| Jamsande 33kV | 16/01/2020<br>00:00:00 | 1  | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 0.000  | 0.000000    |
| Jamsande 33kV | 16/01/2020<br>00:15:00 | 2  | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 0.000  | 0.000000    |
| Jamsande 33kV | 16/01/2020<br>00:30:00 | 3  | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50  | 0.000  | 0.000000    |

|               |                        |    |        |       |     |        |       |       |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|-------|-------|--------|------------|
| Jamsande 33kV | 16/01/2020<br>00:45:00 | 4  | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2  | 27.50 | 2.889  | 88.883752  |
| Jamsande 33kV | 16/01/2020<br>01:00:00 | 5  | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -1.019 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>01:15:00 | 6  | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | -1.019 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>01:30:00 | 7  | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | 0.000  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>01:45:00 | 8  | 2500.0 | 302.0 | 0.0 | -302.0 | 12.08 | 0.00  | 0.000  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>02:00:00 | 9  | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | -0.510 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>02:15:00 | 10 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | -0.510 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>02:30:00 | 11 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | -1.529 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>02:45:00 | 12 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 2.039  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>03:00:00 | 13 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 1.019  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>03:15:00 | 14 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 3.230  | 106.398104 |
| Jamsande 33kV | 16/01/2020<br>03:30:00 | 15 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 3.911  | 262.506104 |
| Jamsande 33kV | 16/01/2020<br>03:45:00 | 16 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 3.230  | 203.187346 |
| Jamsande 33kV | 16/01/2020<br>04:00:00 | 17 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 5.274  | 405.215324 |
| Jamsande 33kV | 16/01/2020<br>04:15:00 | 18 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 5.955  | 109.655561 |
| Jamsande 33kV | 16/01/2020<br>04:30:00 | 19 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | -3.570 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>04:45:00 | 20 | 2500.0 | 244.0 | 0.0 | -244.0 | 9.76  | 0.00  | 4.252  | 204.822669 |
| Jamsande 33kV | 16/01/2020<br>05:00:00 | 21 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 2.889  | 176.392225 |
| Jamsande 33kV | 16/01/2020<br>05:15:00 | 22 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 3.230  | 98.927187  |
| Jamsande 33kV | 16/01/2020<br>05:30:00 | 23 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 3.911  | 289.973930 |
| Jamsande 33kV | 16/01/2020<br>05:45:00 | 24 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44  | 0.00  | 3.570  | 108.161153 |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 16/01/2020<br>06:00:00 | 25 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -3.911 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>06:15:00 | 26 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -2.548 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>06:30:00 | 27 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -3.911 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>06:45:00 | 28 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 4.509  | 480.887210 |
| Jamsande 33kV | 16/01/2020<br>07:00:00 | 29 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -2.548 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>07:15:00 | 30 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 3.570  | 133.724852 |
| Jamsande 33kV | 16/01/2020<br>07:30:00 | 31 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 1.019  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>07:45:00 | 32 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 1.529  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>08:00:00 | 33 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -0.510 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>08:15:00 | 34 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -2.889 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>08:30:00 | 35 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 4.252  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>08:45:00 | 36 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 2.037  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>09:00:00 | 37 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 3.570  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>09:15:00 | 38 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 3.230  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>09:30:00 | 39 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00 | 3.230  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>09:45:00 | 40 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00 | -2.548 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>10:00:00 | 41 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -1.019 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>10:15:00 | 42 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 2.039  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>10:30:00 | 43 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -1.530 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>10:45:00 | 44 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>11:00:00 | 45 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 0.000  | 0.000000   |

|               |                        |    |        |       |     |        |      |        |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|------|--------|--------|----------|
| Jamsande 33kV | 16/01/2020<br>11:15:00 | 46 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00   | 2.039  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>11:30:00 | 47 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00   | -2.889 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>11:45:00 | 48 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00   | -2.038 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>12:00:00 | 49 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00   | 3.570  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>12:15:00 | 50 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00   | 3.230  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>12:30:00 | 51 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00   | 3.230  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>12:45:00 | 52 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00   | -3.228 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>13:00:00 | 53 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -2.030 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>13:15:00 | 54 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | -3.230 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>13:30:00 | 55 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | 4.593  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>13:45:00 | 56 | 2500.0 | 430.0 | 0.0 | -430.0 | 17.2 | 27.50  | 5.615  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>14:00:00 | 57 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | 5.273  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>14:15:00 | 58 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | 6.978  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>14:30:00 | 59 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -7.319 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>14:45:00 | 60 | 2500.0 | 570.0 | 0.0 | -570.0 | 22.8 | 97.50  | -5.615 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>15:00:00 | 61 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -3.570 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>15:15:00 | 62 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | -4.931 | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>15:30:00 | 63 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | 3.570  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>15:45:00 | 64 | 2500.0 | 740.0 | 0.0 | -740.0 | 29.6 | 240.00 | 5.615  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>16:00:00 | 65 | 2500.0 | 907.5 | 0.0 | -907.5 | 36.3 | 423.75 | 4.593  | 0.000000 |
| Jamsande 33kV | 16/01/2020<br>16:15:00 | 66 | 2500.0 | 907.5 | 0.0 | -907.5 | 36.3 | 423.75 | 7.322  | 0.000000 |

|               |                        |    |        |        |     |         |      |        |        |            |
|---------------|------------------------|----|--------|--------|-----|---------|------|--------|--------|------------|
| Jamsande 33kV | 16/01/2020<br>16:30:00 | 67 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -7.659 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>16:45:00 | 68 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 4.933  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>17:00:00 | 69 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -2.889 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>17:15:00 | 70 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -2.889 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>17:30:00 | 71 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 3.230  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>17:45:00 | 72 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -3.230 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>18:00:00 | 73 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -3.708 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>18:15:00 | 74 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 6.643  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>18:30:00 | 75 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 2.548  | 856.072158 |
| Jamsande 33kV | 16/01/2020<br>18:45:00 | 76 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 1.529  | 563.163670 |
| Jamsande 33kV | 16/01/2020<br>19:00:00 | 77 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 1.019  | 283.595412 |
| Jamsande 33kV | 16/01/2020<br>19:15:00 | 78 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -2.889 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>19:30:00 | 79 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -2.548 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>19:45:00 | 80 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -0.767 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>20:00:00 | 81 | 2500.0 | 1277.5 | 0.0 | -1277.5 | 51.1 | 978.75 | -0.510 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>20:15:00 | 82 | 2500.0 | 1277.5 | 0.0 | -1277.5 | 51.1 | 978.75 | -2.039 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>20:30:00 | 83 | 2500.0 | 1277.5 | 0.0 | -1277.5 | 51.1 | 978.75 | 2.039  | 728.748172 |
| Jamsande 33kV | 16/01/2020<br>20:45:00 | 84 | 2500.0 | 1277.5 | 0.0 | -1277.5 | 51.1 | 978.75 | 2.548  | 570.183359 |
| Jamsande 33kV | 16/01/2020<br>21:00:00 | 85 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 4.252  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>21:15:00 | 86 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -1.019 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>21:30:00 | 87 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | -1.529 | 0.000000   |

|               |                        |    |        |        |     |         |      |        |        |            |
|---------------|------------------------|----|--------|--------|-----|---------|------|--------|--------|------------|
| Jamsande 33kV | 16/01/2020<br>21:45:00 | 88 | 2500.0 | 1095.0 | 0.0 | -1095.0 | 43.8 | 705.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>22:00:00 | 89 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | 0.000  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>22:15:00 | 90 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -1.529 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>22:30:00 | 91 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -2.548 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>22:45:00 | 92 | 2500.0 | 907.5  | 0.0 | -907.5  | 36.3 | 423.75 | -2.889 | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>23:00:00 | 93 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | 5.274  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>23:15:00 | 94 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | 2.889  | 143.124628 |
| Jamsande 33kV | 16/01/2020<br>23:30:00 | 95 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | 1.528  | 0.000000   |
| Jamsande 33kV | 16/01/2020<br>23:45:00 | 96 | 2500.0 | 740.0  | 0.0 | -740.0  | 29.6 | 240.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>00:00:00 | 1  | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -1.620 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>00:15:00 | 2  | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -1.080 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>00:30:00 | 3  | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -1.620 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>00:45:00 | 4  | 2500.0 | 570.0  | 0.0 | -570.0  | 22.8 | 97.50  | -3.032 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>01:00:00 | 5  | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -3.694 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>01:15:00 | 6  | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -4.357 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>01:30:00 | 7  | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -4.688 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>01:45:00 | 8  | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -4.688 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>02:00:00 | 9  | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -3.694 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>02:15:00 | 10 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | -3.032 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>02:30:00 | 11 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | 2.160  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>02:45:00 | 12 | 2500.0 | 430.0  | 0.0 | -430.0  | 17.2 | 27.50  | 2.161  | 0.000000   |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 17/01/2020<br>03:00:00 | 13 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -3.032 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>03:15:00 | 14 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 1.080  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>03:30:00 | 15 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 0.540  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>03:45:00 | 16 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>04:00:00 | 17 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 2.160  | 131.496175 |
| Jamsande 33kV | 17/01/2020<br>04:15:00 | 18 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 3.462  | 326.594369 |
| Jamsande 33kV | 17/01/2020<br>04:30:00 | 19 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | 2.700  | 139.469633 |
| Jamsande 33kV | 17/01/2020<br>04:45:00 | 20 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -1.620 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>05:00:00 | 21 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3  | 0.00 | -5.350 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>05:15:00 | 22 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3  | 0.00 | 6.344  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>05:30:00 | 23 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3  | 0.00 | -7.006 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>05:45:00 | 24 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3  | 0.00 | -3.363 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>06:00:00 | 25 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3  | 0.00 | 5.019  | 185.718338 |
| Jamsande 33kV | 17/01/2020<br>06:15:00 | 26 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00 | 6.675  | 466.164186 |
| Jamsande 33kV | 17/01/2020<br>06:30:00 | 27 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00 | -4.357 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>06:45:00 | 28 | 2500.0 | 302.5 | 0.0 | -302.5 | 12.1 | 0.00 | -7.006 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>07:00:00 | 29 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -4.688 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>07:15:00 | 30 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -8.000 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>07:30:00 | 31 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -3.694 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>07:45:00 | 32 | 2500.0 | 245.0 | 0.0 | -245.0 | 9.8  | 0.00 | -5.019 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>08:00:00 | 33 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4  | 0.00 | -4.025 | 0.000000   |

|               |                        |    |        |       |     |        |     |      |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|-----|------|--------|----------|
| Jamsande 33kV | 17/01/2020<br>08:15:00 | 34 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -5.019 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>08:30:00 | 35 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 5.350  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>08:45:00 | 36 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.694 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>09:00:00 | 37 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -2.393 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>09:15:00 | 38 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -5.195 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>09:30:00 | 39 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -3.694 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>09:45:00 | 40 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -3.694 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>10:00:00 | 41 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -2.159 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>10:15:00 | 42 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -1.620 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>10:30:00 | 43 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -1.620 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>10:45:00 | 44 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | -2.701 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>11:00:00 | 45 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6 | 0.00 | -2.160 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>11:15:00 | 46 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6 | 0.00 | -2.701 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>11:30:00 | 47 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6 | 0.00 | 3.032  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>11:45:00 | 48 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6 | 0.00 | 1.620  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>12:00:00 | 49 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 2.700  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>12:15:00 | 50 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 5.769  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>12:30:00 | 51 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 4.025  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>12:45:00 | 52 | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0 | 0.00 | 4.025  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>13:00:00 | 53 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | 2.700  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>13:15:00 | 54 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -0.540 | 0.000000 |

|               |                        |    |        |       |     |        |     |      |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|-----|------|--------|----------|
| Jamsande 33kV | 17/01/2020<br>13:30:00 | 55 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -3.694 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>13:45:00 | 56 | 2500.0 | 132.5 | 0.0 | -132.5 | 5.3 | 0.00 | -1.620 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>14:00:00 | 57 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>14:15:00 | 58 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.536 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>14:30:00 | 59 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.363 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>14:45:00 | 60 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.032 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>15:00:00 | 61 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -1.273 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>15:15:00 | 62 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.694 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>15:30:00 | 63 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -4.025 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>15:45:00 | 64 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 3.363  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>16:00:00 | 65 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 2.160  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>16:15:00 | 66 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.357  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>16:30:00 | 67 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 5.350  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>16:45:00 | 68 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 4.140  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>17:00:00 | 69 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>17:15:00 | 70 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -2.700 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>17:30:00 | 71 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -2.701 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>17:45:00 | 72 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -1.620 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>18:00:00 | 73 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -2.392 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>18:15:00 | 74 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -3.458 | 0.000000 |
| Jamsande 33kV | 17/01/2020<br>18:30:00 | 75 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4 | 0.00 | -5.019 | 0.000000 |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 17/01/2020<br>18:45:00 | 76 | 2500.0 | 185.0 | 0.0 | -185.0 | 7.4  | 0.00 | 3.363  | 172.034803 |
| Jamsande 33kV | 17/01/2020<br>19:00:00 | 77 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 1.080  | 65.347058  |
| Jamsande 33kV | 17/01/2020<br>19:15:00 | 78 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 3.694  | 27.840299  |
| Jamsande 33kV | 17/01/2020<br>19:30:00 | 79 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -2.701 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>19:45:00 | 80 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -1.080 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>20:00:00 | 81 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -3.032 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>20:15:00 | 82 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -6.013 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>20:30:00 | 83 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -5.019 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>20:45:00 | 84 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 4.688  | 48.166254  |
| Jamsande 33kV | 17/01/2020<br>21:00:00 | 85 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -4.688 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>21:15:00 | 86 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 2.700  | 4.721651   |
| Jamsande 33kV | 17/01/2020<br>21:30:00 | 87 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -5.350 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>21:45:00 | 88 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -4.357 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>22:00:00 | 89 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -4.687 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>22:15:00 | 90 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 6.675  | 44.914649  |
| Jamsande 33kV | 17/01/2020<br>22:30:00 | 91 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 1.620  | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>22:45:00 | 92 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -2.700 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>23:00:00 | 93 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.080 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>23:15:00 | 94 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -3.032 | 0.000000   |
| Jamsande 33kV | 17/01/2020<br>23:30:00 | 95 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 5.350  | 100.354407 |
| Jamsande 33kV | 17/01/2020<br>23:45:00 | 96 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 3.032  | 44.369155  |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 18/01/2020<br>00:00:00 | 1  | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0  | 0.00 | 5.034  | 76.422164  |
| Jamsande 33kV | 18/01/2020<br>00:15:00 | 2  | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0  | 0.00 | 4.375  | 45.208408  |
| Jamsande 33kV | 18/01/2020<br>00:30:00 | 3  | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0  | 0.00 | -4.046 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>00:45:00 | 4  | 2500.0 | 75.0  | 0.0 | -75.0  | 3.0  | 0.00 | -2.182 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>01:00:00 | 5  | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.973 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>01:15:00 | 6  | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.671 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>01:30:00 | 7  | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -4.046 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>01:45:00 | 8  | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -4.046 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>02:00:00 | 9  | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.387 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>02:15:00 | 10 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.057 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>02:30:00 | 11 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.182 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>02:45:00 | 12 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 1.637  | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>03:00:00 | 13 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 3.057  | 4.130318   |
| Jamsande 33kV | 18/01/2020<br>03:15:00 | 14 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 4.375  | 37.526815  |
| Jamsande 33kV | 18/01/2020<br>03:30:00 | 15 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 4.375  | 49.068309  |
| Jamsande 33kV | 18/01/2020<br>03:45:00 | 16 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 3.057  | 105.349636 |
| Jamsande 33kV | 18/01/2020<br>04:00:00 | 17 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 3.057  | 85.580055  |
| Jamsande 33kV | 18/01/2020<br>04:15:00 | 18 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 4.375  | 82.727017  |
| Jamsande 33kV | 18/01/2020<br>04:30:00 | 19 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 4.046  | 69.729333  |
| Jamsande 33kV | 18/01/2020<br>04:45:00 | 20 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.387 | 0.000000   |
| Jamsande 33kV | 18/01/2020<br>05:00:00 | 21 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.469 | 0.000000   |

|               |                        |    |        |       |     |        |      |      |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|----------|
| Jamsande 33kV | 18/01/2020<br>05:15:00 | 22 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.159 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>05:30:00 | 23 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.111 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>05:45:00 | 24 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.637 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>06:00:00 | 25 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.091 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>06:15:00 | 26 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.728 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>06:30:00 | 27 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.445 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>06:45:00 | 28 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.519 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>07:00:00 | 29 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -1.495 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>07:15:00 | 30 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -4.046 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>07:30:00 | 31 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -2.182 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>07:45:00 | 32 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -3.387 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>08:00:00 | 33 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -0.546 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>08:15:00 | 34 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -3.716 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>08:30:00 | 35 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | 2.728  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>08:45:00 | 36 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | 3.387  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>09:00:00 | 37 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | 2.182  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>09:15:00 | 38 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -2.182 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>09:30:00 | 39 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -2.728 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>09:45:00 | 40 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -2.182 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>10:00:00 | 41 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -3.057 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>10:15:00 | 42 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0  | 0.00 | -3.387 | 0.000000 |

|               |                        |    |        |       |     |        |     |      |        |          |
|---------------|------------------------|----|--------|-------|-----|--------|-----|------|--------|----------|
| Jamsande 33kV | 18/01/2020<br>10:30:00 | 43 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -2.182 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>10:45:00 | 44 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -2.728 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>11:00:00 | 45 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>11:15:00 | 46 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -0.862 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>11:30:00 | 47 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -1.923 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>11:45:00 | 48 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -1.637 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>12:00:00 | 49 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -2.182 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>12:15:00 | 50 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -3.057 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>12:30:00 | 51 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | 4.375  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>12:45:00 | 52 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -3.387 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>13:00:00 | 53 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -1.026 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>13:15:00 | 54 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -4.708 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>13:30:00 | 55 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -4.375 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>13:45:00 | 56 | 2500.0 | 0.0   | 0.0 | 0.0    | 0.0 | 0.00 | -5.693 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>14:00:00 | 57 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -3.716 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>14:15:00 | 58 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -4.046 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>14:30:00 | 59 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -3.716 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>14:45:00 | 60 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -2.631 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>15:00:00 | 61 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>15:15:00 | 62 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -1.637 | 0.000000 |
| Jamsande 33kV | 18/01/2020<br>15:30:00 | 63 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0 | 0.00 | -2.728 | 0.000000 |

|               |                        |    |        |       |     |        |      |      |        |           |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|-----------|
| Jamsande 33kV | 18/01/2020<br>15:45:00 | 64 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 3.716  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>16:00:00 | 65 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 1.637  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>16:15:00 | 66 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.057 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>16:30:00 | 67 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.728 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>16:45:00 | 68 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 3.387  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>17:00:00 | 69 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.637 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>17:15:00 | 70 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.387 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>17:30:00 | 71 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.057 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>17:45:00 | 72 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.057 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>18:00:00 | 73 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.027 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>18:15:00 | 74 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -5.364 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>18:30:00 | 75 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.716 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>18:45:00 | 76 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -2.728 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>19:00:00 | 77 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.091 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>19:15:00 | 78 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.055 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>19:30:00 | 79 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>19:45:00 | 80 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>20:00:00 | 81 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>20:15:00 | 82 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 2.728  | 40.424994 |
| Jamsande 33kV | 18/01/2020<br>20:30:00 | 83 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 2.182  | 44.661189 |
| Jamsande 33kV | 18/01/2020<br>20:45:00 | 84 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 3.057  | 53.749099 |

|               |                        |    |        |       |     |        |      |      |        |           |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|-----------|
| Jamsande 33kV | 18/01/2020<br>21:00:00 | 85 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -2.182 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>21:15:00 | 86 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>21:30:00 | 87 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 0.546  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>21:45:00 | 88 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>22:00:00 | 89 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.637 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>22:15:00 | 90 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -3.057 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>22:30:00 | 91 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 3.387  | 63.784226 |
| Jamsande 33kV | 18/01/2020<br>22:45:00 | 92 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 2.182  | 8.582055  |
| Jamsande 33kV | 18/01/2020<br>23:00:00 | 93 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -2.182 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>23:15:00 | 94 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>23:30:00 | 95 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | -2.182 | 0.000000  |
| Jamsande 33kV | 18/01/2020<br>23:45:00 | 96 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 19/01/2020<br>00:00:00 | 1  | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 0.000  | 0.000000  |
| Jamsande 33kV | 19/01/2020<br>00:15:00 | 2  | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.573 | 0.000000  |
| Jamsande 33kV | 19/01/2020<br>00:30:00 | 3  | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.573 | 0.000000  |
| Jamsande 33kV | 19/01/2020<br>00:45:00 | 4  | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 2.957  | 8.425084  |
| Jamsande 33kV | 19/01/2020<br>01:00:00 | 5  | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 2.097  | 29.188666 |
| Jamsande 33kV | 19/01/2020<br>01:15:00 | 6  | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 2.957  | 20.244690 |
| Jamsande 33kV | 19/01/2020<br>01:30:00 | 7  | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 3.630  | 11.100774 |
| Jamsande 33kV | 19/01/2020<br>01:45:00 | 8  | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 2.097  | 13.041839 |
| Jamsande 33kV | 19/01/2020<br>02:00:00 | 9  | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.621 | 0.000000  |

|               |                        |    |        |      |     |       |     |      |        |          |
|---------------|------------------------|----|--------|------|-----|-------|-----|------|--------|----------|
| Jamsande 33kV | 19/01/2020<br>02:15:00 | 10 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | -3.966 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>02:30:00 | 11 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | -2.097 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>02:45:00 | 12 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | -2.621 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>03:00:00 | 13 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -2.958 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>03:15:00 | 14 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -2.097 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>03:30:00 | 15 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -3.293 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>03:45:00 | 16 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.622  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>04:00:00 | 17 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -2.621 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>04:15:00 | 18 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -2.958 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>04:30:00 | 19 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 1.573  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>04:45:00 | 20 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.097  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>05:00:00 | 21 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.097  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>05:15:00 | 22 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.097  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>05:30:00 | 23 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 0.625  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>05:45:00 | 24 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -0.524 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>06:00:00 | 25 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -0.424 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>06:15:00 | 26 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>06:30:00 | 27 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.956  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>06:45:00 | 28 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 4.302  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>07:00:00 | 29 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 2.097  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>07:15:00 | 30 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 3.294  | 0.000000 |

|               |                        |    |        |      |     |       |     |      |        |          |
|---------------|------------------------|----|--------|------|-----|-------|-----|------|--------|----------|
| Jamsande 33kV | 19/01/2020<br>07:30:00 | 31 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -3.630 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>07:45:00 | 32 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -5.311 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>08:00:00 | 33 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -3.966 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>08:15:00 | 34 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | -5.647 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>08:30:00 | 35 | 2500.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.00 | 6.655  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>08:45:00 | 36 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -3.966 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>09:00:00 | 37 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -3.966 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>09:15:00 | 38 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -3.966 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>09:30:00 | 39 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -2.621 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>09:45:00 | 40 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -2.958 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>10:00:00 | 41 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | -3.294 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>10:15:00 | 42 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 3.966  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>10:30:00 | 43 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 2.621  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>10:45:00 | 44 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 1.573  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>11:00:00 | 45 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>11:15:00 | 46 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 0.000  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>11:30:00 | 47 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 2.621  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>11:45:00 | 48 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 1.049  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>12:00:00 | 49 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 2.097  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>12:15:00 | 50 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 5.983  | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>12:30:00 | 51 | 2500.0 | 12.5 | 0.0 | -12.5 | 0.5 | 0.00 | 5.311  | 0.000000 |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 19/01/2020<br>12:45:00 | 52 | 2500.0 | 12.5  | 0.0 | -12.5  | 0.5  | 0.00 | -4.638 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>13:00:00 | 53 | 2500.0 | 12.5  | 0.0 | -12.5  | 0.5  | 0.00 | -2.621 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>13:15:00 | 54 | 2500.0 | 12.5  | 0.0 | -12.5  | 0.5  | 0.00 | 1.573  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>13:30:00 | 55 | 2500.0 | 12.5  | 0.0 | -12.5  | 0.5  | 0.00 | 2.097  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>13:45:00 | 56 | 2500.0 | 12.5  | 0.0 | -12.5  | 0.5  | 0.00 | 1.048  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>14:00:00 | 57 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>14:15:00 | 58 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>14:30:00 | 59 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>14:45:00 | 60 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 3.294  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>15:00:00 | 61 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 1.048  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>15:15:00 | 62 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 2.621  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>15:30:00 | 63 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 4.975  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>15:45:00 | 64 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -3.630 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>16:00:00 | 65 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 3.294  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>16:15:00 | 66 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -3.294 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>16:30:00 | 67 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -4.302 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>16:45:00 | 68 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 6.319  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>17:00:00 | 69 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 2.173  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>17:15:00 | 70 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 2.957  | 162.939104 |
| Jamsande 33kV | 19/01/2020<br>17:30:00 | 71 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 3.294  | 113.634880 |
| Jamsande 33kV | 19/01/2020<br>17:45:00 | 72 | 2500.0 | 186.0 | 0.0 | -186.0 | 7.44 | 0.00 | 2.097  | 123.028716 |

|               |                        |    |        |       |     |        |      |      |        |            |
|---------------|------------------------|----|--------|-------|-----|--------|------|------|--------|------------|
| Jamsande 33kV | 19/01/2020<br>18:00:00 | 73 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 2.621  | 106.348671 |
| Jamsande 33kV | 19/01/2020<br>18:15:00 | 74 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 6.655  | 63.544198  |
| Jamsande 33kV | 19/01/2020<br>18:30:00 | 75 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | -1.573 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>18:45:00 | 76 | 2500.0 | 132.0 | 0.0 | -132.0 | 5.28 | 0.00 | 2.097  | 0.453111   |
| Jamsande 33kV | 19/01/2020<br>19:00:00 | 77 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | 1.048  | 5.098332   |
| Jamsande 33kV | 19/01/2020<br>19:15:00 | 78 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.049 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>19:30:00 | 79 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -1.049 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>19:45:00 | 80 | 2500.0 | 75.04 | 0.0 | -75.04 | 3.0  | 0.00 | -0.524 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>20:00:00 | 81 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.097 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>20:15:00 | 82 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -5.311 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>20:30:00 | 83 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -4.302 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>20:45:00 | 84 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.957 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>21:00:00 | 85 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.621 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>21:15:00 | 86 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -0.524 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>21:30:00 | 87 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -2.510 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>21:45:00 | 88 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.313 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>22:00:00 | 89 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.954 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>22:15:00 | 90 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.573 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>22:30:00 | 91 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | 0.000  | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>22:45:00 | 92 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.048 | 0.000000   |
| Jamsande 33kV | 19/01/2020<br>23:00:00 | 93 | 2500.0 | 40.0  | 0.0 | -40.0  | 1.6  | 0.00 | -1.573 | 0.000000   |

|               |                        |    |        |      |     |       |     |      |        |          |
|---------------|------------------------|----|--------|------|-----|-------|-----|------|--------|----------|
| Jamsande 33kV | 19/01/2020<br>23:15:00 | 94 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | -2.097 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>23:30:00 | 95 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | -0.945 | 0.000000 |
| Jamsande 33kV | 19/01/2020<br>23:45:00 | 96 | 2500.0 | 40.0 | 0.0 | -40.0 | 1.6 | 0.00 | 0.000  | 0.000000 |