

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

Date of Reporting: **26-Mar-18**  
System Reliability Indices Report for: **25-Mar-18**

**Percentage (%) of times ATC was violated**

| S.No. | Corridor     | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1     | WR-NR        | 0                         | 0.00                     | 0.00       |
| 2     | ER-NR        | 0                         | 0.00                     | 0.00       |
| 3     | Import of NR | 0                         | 0.00                     | 0.00       |
| 4     | NEW-SR       | 0                         | 0.00                     | 0.00       |
| 5     | NER Import   | 0                         | 0.00                     | 0.00       |

**Percentage(%) of times (N-1) Criteria was violated**

| S.No. | Corridor     | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1     | WR-NR        | 0                         | 0.00                     | 0.00       |
| 2     | ER-NR        | 0                         | 0.00                     | 0.00       |
| 3     | Import of NR | 0                         | 0.00                     | 0.00       |
| 4     | NEW-SR       | 0                         | 0.00                     | 0.00       |
| 4     | NER Import   | 0                         | 0.00                     | 0.00       |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

### Voltage Profile for the day of 25-Mar-2018

| Region   | Station                     | %age of time Voltage below 728/380 kV | %age of time Voltage between 728/380 kV & 800/420 kV | %age of time Voltage above 800/420 kV | Voltage deviation index (%age of time voltage is outside IEGC band) | Maximum Voltage (kV) | Minimum Voltage (kV) | Average Voltage (kV) |     |
|----------|-----------------------------|---------------------------------------|--|---------------------------------------|---|----------------------|----------------------|----------------------|-----|
| NR       | Agra                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 765                  | 780                  |     |
|          | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 770                  | 777                  |     |
|          | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 773                  | 781                  |     |
|          | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 758                  | 758                  | 758                  |     |
|          | Bhiwani                     | 0.00%                                 | 95.90%   | 4.10%                                 | 4.10%   | 804                  | 780                  | 792                  |     |
|          | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 743                  | 768                  |     |
|          | Greater Noida               | 0.00%                                 | 96.81%   | 3.19%                                 | 3.19%   | 804                  | 772                  | 790                  |     |
|          | Lucknow                     | 0.00%                                 | 99.86%   | 0.14%                                 | 0.14%   | 801                  | 763                  | 784                  |     |
|          | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 750                  | 768                  |     |
|          | Meerut                      | 0.00%                                 | 72.36%   | 23.96%                                | 23.96%  | 810                  | 773                  | 795                  |     |
|          | Moga                        | 0.00%                                 | 97.22%   | 2.78%                                 | 2.78%   | 804                  | 764                  | 787                  |     |
|          | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 770                  | 784                  |     |
| Varanasi | 0.00%                       | 96.46%                                | 3.54%  | 3.54%                                 | 803   | 759                  | 783                  |                      |     |
| Unnao    | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 785   | 752                  | 755                  |                      |     |
| WR       | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 761                  | 771                  |     |
|          | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 766                  | 779                  |     |
|          | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 757                  | 770                  |     |
|          | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 768                  | 755                  | 761                  |     |
|          | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 760                  | 771                  |     |
|          | Champa                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 780                  | 786                  |     |
|          | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 773                  | 763                  | 769                  |     |
|          | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 763                  | 775                  |     |
|          | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 766                  | 778                  |     |
|          | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 754                  | 768                  |     |
|          | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 759                  | 766                  |     |
|          | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 746                  | 765                  |     |
|          | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 784                  | 789                  |     |
|          | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 760                  | 765                  |     |
|          | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 766                  | 775                  |     |
|          | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 765                  | 754                  | 759                  |     |
|          | Solapur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 768                  | 783                  |     |
|          | Tamnar                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 785                  | 789                  |     |
|          | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 768                  | 758                  | 763                  |     |
|          | Vadodara                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 766                  | 776                  |     |
| SR       | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 764                  | 779                  |     |
|          | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 766                  | 776                  |     |
|          | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 771                  | 781                  |     |
|          | Srikakulam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 769                  | 779                  |     |
|          | Thiruvalam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 768                  | 780                  |     |
|          | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 763                  | 774                  |     |
|          | ER                          | Angul                                 | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 782                  | 768                  | 776 |
|          |                             | Gaya                                  | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 798                  | 752                  | 775 |
|          |                             | Jharsuguda                            | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 790                  | 778                  | 786 |
|          |                             | Ranchi                                | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 782                  | 771                  | 778 |
| NER      | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 400                  | 407                  |     |
|          | Bongaigaon TPS (400 kV)     | 0.00%                                 | 98.40%   | 1.60%                                 | 1.60%   | 422                  | 405                  | 412                  |     |
|          | Misa (400 kV)               | 0.00%                                 | 98.61%   | 1.39%                                 | 1.39%   | 421                  | 402                  | 410                  |     |
|          | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 396                  | 403                  |     |
|          | Silchar (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 418                  | 403                  | 410                  |     |

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.