

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

Date of Reporting: **11-Jul-18**  
System Reliability Indices Report for: **10-Jul-18**

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

| S.No. | Corridor     | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1     | WR-NR        | 33                        | 8.25                     | 34.38      |
| 2     | ER-NR        | 0                         | 0.00                     | 0.00       |
| 3     | Import of NR | 21                        | 5.25                     | 21.88      |
| 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        | 16                        | 4.00                     | 16.67      |
| 2     | ER-NR        | 0                         | 0.00                     | 0.00       |
| 3     | Import of NR | 5                         | 1.25                     | 5.21       |
| 4     | NEW-SR       | 0                         | 0.00                     | 0.00       |
| 4     | NER Import   | 0                         | 0.00                     | 0.00       |

### Voltage Profile for the day of 10-Jul-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%   | 789                  | 760                  | 773                  |
|                  | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 766                  | 751                  | 759                  |
|                  | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 770                  | 779                  |
|                  | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 756                  | 769                  |
|                  | Bhiwani                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 759                  | 774                  |
|                  | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 758                  | 770                  |
|                  | Greater Noida               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 757                  | 774                  |
|                  | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 755                  | 773                  |
|                  | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 762                  | 772                  |
|                  | Moga                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 760                  | 775                  |
|                  | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 761                  | 773                  |
| Unnao            | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 770   | 752                  | 755                  |                      |
| WR               | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 767                  | 778                  |
|                  | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 777                  | 789                  |
|                  | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 763                  | 773                  |
|                  | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 771                  | 759                  | 767                  |
|                  | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 765                  | 775                  |
|                  | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 773                  | 785                  |
|                  | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 760                  | 773                  |
|                  | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 771                  | 776                  |
|                  | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 762                  | 770                  |
|                  | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 752                  | 780                  |
|                  | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 782                  | 790                  |
|                  | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 771                  | 750                  | 765                  |
|                  | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 779                  | 787                  |
|                  | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 761                  | 765                  |
|                  | Solapur                     | 0.00%                                 | 86.26%   | 13.74%                                | 13.74%  | 804                  | 777                  | 793                  |
|                  | Tamnar                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 785                  | 792                  |
|                  | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 757                  | 764                  |
|                  | Vadodara                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 771                  | 785                  |
|                  | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 762                  | 784                  |
|                  | SR                          | Nellore PS                            | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 794                  | 768                  |
| Raichur          |                             | 0.00%                                 | 97.58%   | 2.42%                                 | 2.42%   | 802                  | 770                  | 790                  |
| Srikakulam       |                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 779                  | 788                  |
| Thiruvallam      |                             | 0.00%                                 | 77.49%   | 22.51%                                | 22.51%  | 805                  | 775                  | 789                  |
| Vemagiri         |                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 783                  | 791                  |
| ER               |                             | Angul                                 | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 783                  | 765                  |
|                  | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 752                  | 763                  |
|                  | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 754                  | 768                  |
| NER              | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 399                  | 405                  |
|                  | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 405                  | 412                  |
|                  | Misa (400 kV)               | 0.00%                                 | 99.57%   | 0.43%                                 | 0.43%   | 421                  | 409                  | 416                  |
|                  | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 404                  | 412                  |
| Silchar (400 kV) | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 412   | 399                  | 408                  |                      |

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