

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

Date of Reporting: **28-Sep-18**  
System Reliability Indices Report for: **27-Sep-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       |

### Voltage Profile for the day of 27-Sep-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%   | 792                  | 758                  | 777                  |
|            | Agra (Fatehabad)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 757                  | 778                  |
|            | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 759                  | 765                  |
|            | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 767                  | 757                  | 763                  |
|            | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 773                  | 784                  |
|            | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 740                  | 759                  |
|            | Bhiwani                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 768                  | 785                  |
|            | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 752                  | 758                  |
|            | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 765                  | 735                  | 752                  |
|            | Greater Noida               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 767                  | 785                  |
|            | Jhatikara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 762                  | 780                  |
|            | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 754                  | 758                  |
|            | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 754                  | 768                  |
|            | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 733                  | 755                  |
|            | Moga                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 752                  | 768                  |
|            | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 771                  | 785                  |
|            | Unnao                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 763                  | 752                  | 755                  |
| WR         | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 760                  | 776                  |
|            | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 756                  | 775                  |
|            | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 752                  | 765                  |
|            | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 753                  | 766                  |
|            | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 765                  | 775                  |
|            | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 754                  | 769                  |
|            | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 764                  | 780                  |
|            | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 750                  | 764                  |
|            | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 757                  | 769                  |
|            | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 745                  | 771                  |
|            | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 791                  | 795                  |
|            | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 768                  | 754                  | 760                  |
|            | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 762                  | 776                  |
|            | Solapur                     | 0.00%                                 | 99.79%   | 0.21%                                 | 0.21%   | 801                  | 764                  | 783                  |
|            | Tamnar                      | 0.00%                                 | 84.38%   | 15.63%                                | 15.63%  | 803                  | 792                  | 798                  |
|            | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 773                  | 756                  | 764                  |
|            | Vadodara                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 750                  | 768                  |
|            | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 764                  | 782                  |
|            | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 783                  | 785                  |
|            | SR                          | Raichur                               | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 799                  | 767                  |
| Srikakulam |                             | 0.00%                                 | 73.54%   | 26.46%                                | 26.46%  | 806                  | 790                  | 798                  |
| Thiruvalam |                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 770                  | 785                  |
| Vemagiri   |                             | 0.00%                                 | 74.79%   | 25.21%                                | 25.21%  | 807                  | 788                  | 797                  |
| Angul      |                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 776                  | 782                  |
| ER         |                             | Gaya                                  | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 770                  | 748                  |
|            | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 774                  | 779                  |
| NER        | Bongaigaon (400 kV)         | 0.14%                                 | 99.86%   | 0.00%                                 | 0.14%   | 409                  | 376                  | 401                  |
|            | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 419                  | 382                  | 408                  |
|            | Misa (400 kV)               | 0.07%                                 | 95.69%   | 4.24%                                 | 4.31%   | 426                  | 371                  | 411                  |
|            | Biswanath Chariali (400 kV) | 0.42%                                 | 99.10%   | 0.35%                                 | 0.76%   | 428                  | 356                  | 407                  |
|            | Siichar (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 391                  | 405                  |

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