

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

Date of Reporting: 16-Jan-19  
System Reliability Indices Report for: 15-Jan-19

**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 15-Jan-2019

| 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%   | 795                  | 766                  | 782                  |
|                | Agra (Fatehabad)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 773                  | 785                  |
|                | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 759                  | 764                  |
|                | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 758                  | 763                  |
|                | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 769                  | 782                  |
|                | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 757                  | 770                  |
|                | Bhiwani                     | 0.00%                                 | 98.61%   | 1.39%                                 | 1.39%   | 801                  | 777                  | 787                  |
|                | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 752                  | 758                  |
|                | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 743                  | 764                  |
|                | Greater Noida               | 0.00%                                 | 94.65%   | 5.35%                                 | 5.35%   | 802                  | 774                  | 789                  |
|                | Jhatikara                   | 0.00%                                 | 98.54%   | 1.46%                                 | 1.46%   | 803                  | 771                  | 785                  |
|                | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 754                  | 758                  |
|                | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 762                  | 774                  |
|                | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 752                  | 771                  |
|                | Meerut                      | 0.00%                                 | 98.33%   | 1.39%                                 | 1.39%   | 803                  | 770                  | 787                  |
|                | Moga                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 764                  | 776                  |
|                | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 765                  | 783                  |
| Varanasi       | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 787   | 763                  | 774                  |                      |
| Unnao          | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 771   | 752                  | 755                  |                      |
| WR             | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 762                  | 775                  |
|                | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 766                  | 782                  |
|                | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 775                  |
|                | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 768                  | 777                  |
|                | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 769                  | 784                  |
|                | Champa                      | 0.00%                                 | 78.61%   | 15.28%                                | 15.28%  | 808                  | 785                  | 797                  |
|                | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 772                  | 784                  |
|                | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 757                  | 776                  |
|                | Ektuni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 759                  | 775                  |
|                | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 768                  | 784                  |
|                | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 759                  | 775                  |
|                | Jabalpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 772                  | 788                  |
|                | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 757                  | 766                  |
|                | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 743                  | 773                  |
|                | Raigarh Pooling             | 0.00%                                 | 92.92%   | 7.08%                                 | 7.08%   | 803                  | 782                  | 793                  |
|                | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 766                  | 773                  |
|                | Satna                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 768                  | 780                  |
|                | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 772                  | 785                  |
|                | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 768                  | 776                  |
|                | Solapur                     | 0.00%                                 | 99.79%   | 0.21%                                 | 0.21%   | 801                  | 773                  | 789                  |
|                | Tamnar                      | 0.00%                                 | 93.33%   | 6.67%                                 | 6.67%   | 803                  | 784                  | 794                  |
|                | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 768                  | 755                  | 762                  |
|                | Vadodara                    | 0.00%                                 | 99.93%   | 0.07%                                 | 0.07%   | 801                  | 775                  | 790                  |
| Vindhyachal PS | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 784   | 767                  | 775                  |                      |
| Wardha         | 0.00%                       | 99.65%                                | 0.35%  | 0.35%                                 | 801   | 770                  | 786                  |                      |
| SR             | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 761                  | 777                  |
|                | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 761                  | 771                  |
|                | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 763                  | 779                  |
|                | Nizamabad                   | 0.00%                                 | 90.56%   | 9.44%                                 | 9.44%   | 807                  | 776                  | 790                  |
|                | Srikakulam                  | 0.00%                                 | 98.54%   | 1.46%                                 | 1.46%   | 801                  | 781                  | 792                  |
|                | Thiruvallam                 | 0.00%                                 | 73.26%   | 26.74%                                | 26.74%  | 805                  | 772                  | 793                  |
| ER             | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 769                  | 779                  |
|                | Angul                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 775                  | 786                  |
|                | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 757                  | 769                  |
|                | Jharsuguda                  | 0.00%                                 | 80.07%   | 19.93%                                | 19.93%  | 806                  | 784                  | 797                  |
|                | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 770                  | 783                  |
| NER            | Sasaram                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 763                  | 746                  | 751                  |
|                | Azara (400 kV)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 403                  | 407                  |
|                | Balipara (400 kV)           | 0.00%                                 | 99.58%   | 0.42%                                 | 0.42%   | 422                  | 399                  | 407                  |
|                | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 395                  | 401                  |
|                | Byrnhat (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 403                  | 407                  |
|                | Palatana (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 409                  | 405                  |
|                | Misa (400 kV)               | 0.00%                                 | 98.75%   | 1.25%                                 | 1.25%   | 425                  | 402                  | 412                  |
|                | Biswanath Chariali (400 kV) | 0.00%                                 | 99.10%   | 0.28%                                 | 0.28%   | 423                  | 397                  | 406                  |
|                | Silchar (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 400                  | 405                  |

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