

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

Date of Reporting: **7-Jan-19**  
System Reliability Indices Report for: **6-Jan-19**

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

| <b>S.No.</b> | <b>Corridor</b> | <b>Number of Blocks Violated</b> | <b>Number of Hours Violated</b> | <b>%Violation</b> |
|--------------|-----------------|----------------------------------|---------------------------------|-------------------|
| 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**

| <b>S.No.</b> | <b>Corridor</b> | <b>Number of Blocks Violated</b> | <b>Number of Hours Violated</b> | <b>%Violation</b> |
|--------------|-----------------|----------------------------------|---------------------------------|-------------------|
| 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 06-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%   | 799                  | 770                  | 789                  |
|        | Agra (Fatehabad)            | 0.00%                                 | 84.38%   | 15.63%                                | 15.63%  | 806                  | 757                  | 790                  |
|        | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 769                  | 774                  |
|        | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 768                  | 773                  |
|        | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 764                  | 782                  |
|        | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 762                  | 776                  |
|        | Bhiwani                     | 0.00%                                 | 89.38%   | 10.63%                                | 10.63%  | 804                  | 781                  | 793                  |
|        | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 752                  | 758                  |
|        | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 760                  | 775                  |
|        | Greater Noida               | 0.00%                                 | 72.78%   | 27.22%                                | 27.22%  | 808                  | 785                  | 797                  |
|        | Jhatikara                   | 0.00%                                 | 92.99%   | 7.01%                                 | 7.01%   | 807                  | 777                  | 792                  |
|        | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 760                  | 754                  | 758                  |
|        | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 767                  | 784                  |
|        | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 755                  | 776                  |
|        | Meerut                      | 0.00%                                 | 79.38%   | 14.17%                                | 14.17%  | 806                  | 781                  | 795                  |
|        | Moga                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 761                  | 779                  |
|        | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 769                  | 786                  |
|        | Varanasi                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 770                  | 782                  |
| Unnao  | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 781   | 752                  | 755                  |                      |
| WR     | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 761                  | 779                  |
|        | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 773                  | 787                  |
|        | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 757                  | 776                  |
|        | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 766                  | 773                  |
|        | Bina                        | 0.00%                                 | 98.47%   | 1.53%                                 | 1.53%   | 800                  | 767                  | 785                  |
|        | Champa                      | 0.00%                                 | 63.82%   | 0.69%                                 | 0.69%   | 801                  | 786                  | 797                  |
|        | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 772                  | 780                  |
|        | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 767                  | 783                  |
|        | Ektuni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 772                  | 772                  |
|        | Gwalior                     | 0.00%                                 | 97.99%   | 2.01%                                 | 2.01%   | 802                  | 766                  | 787                  |
|        | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 759                  | 777                  |
|        | Jabalpur                    | 0.00%                                 | 99.58%   | 0.42%                                 | 0.42%   | 800                  | 771                  | 786                  |
|        | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 756                  | 768                  |
|        | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 747                  | 771                  |
|        | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 785                  | 793                  |
|        | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 766                  | 775                  |
|        | Satna                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 766                  | 782                  |
|        | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 773                  | 786                  |
|        | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 767                  | 773                  |
|        | Solapur                     | 0.00%                                 | 95.00%   | 5.00%                                 | 5.00%   | 806                  | 769                  | 792                  |
|        | Tamnar                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 785                  | 793                  |
|        | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 754                  | 763                  |
|        | Vadodara                    | 0.00%                                 | 99.72%   | 0.28%                                 | 0.28%   | 800                  | 772                  | 789                  |
|        | Vindhyachal PS              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 769                  | 777                  |
| Wardha | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 800   | 775                  | 788                  |                      |
| SR     | Kurnool                     | 0.00%                                 | 99.72%   | 0.28%                                 | 0.28%   | 800                  | 768                  | 786                  |
|        | Nellore PS                  | 0.00%                                 | 98.06%   | 1.94%                                 | 1.94%   | 802                  | 768                  | 786                  |
|        | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 768                  | 786                  |
|        | Nizamabad                   | 0.00%                                 | 84.86%   | 15.14%                                | 15.14%  | 806                  | 771                  | 792                  |
|        | Srikakulam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 779                  | 786                  |
|        | Thiruvallam                 | 0.00%                                 | 71.18%   | 28.82%                                | 28.82%  | 806                  | 773                  | 791                  |
| ER     | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 754                  | 769                  |
|        | Angul                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 774                  | 784                  |
|        | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 761                  | 773                  |
|        | Jharsuguda                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 783                  | 793                  |
|        | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 770                  | 779                  |
| NER    | Sasaram                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 754                  | 763                  |
|        | Azara (400 kV)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 403                  | 408                  |
|        | Balipara (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 400                  | 409                  |
|        | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 397                  | 406                  |
|        | Byrnhat (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 403                  | 408                  |
|        | Palatana (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 410                  | 405                  |
|        | Misa (400 kV)               | 0.00%                                 | 98.06%   | 1.94%                                 | 1.94%   | 421                  | 404                  | 414                  |
|        | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 396                  | 407                  |
|        | Silchar (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 398                  | 407                  |

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