

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

Date of Reporting: **12-10-2022**  
System Reliability Indices Report for: **11-10-2022**

**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**

|   |              |   |      |      |
|---|--------------|---|------|------|
| 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 11-10-2022**

| Region | Sr.No. | 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     | 1      | Agra                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 764                  | 780                  |
|        | 2      | Agra (Fatehabad)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 764                  | 780                  |
|        | 3      | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 758                  | 765                  |
|        | 4      | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 758                  | 765                  |
|        | 5      | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 771                  | 781                  |
|        | 6      | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 759                  | 776                  |
|        | 7      | Bara                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 763                  | 769                  |
|        | 8      | Bhiwani                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 775                  | 787                  |
|        | 9      | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 769                  | 787                  |
|        | 10     | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 749                  | 770                  |
|        | 11     | Greater Noida               | 0.00%                                 | 94.79%   | 5.21%                                 | 5.21%   | 803                  | 770                  | 788                  |
|        | 12     | Jhatikara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 767                  | 781                  |
|        | 13     | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 756                  | 774                  |
|        | 14     | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 759                  | 779                  |
|        | 15     | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 755                  | 766                  |
|        | 16     | Meerut                      | 0.00%                                 | 92.57%   | 7.43%                                 | 7.43%   | 804                  | 770                  | 788                  |
|        | 17     | Moga                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 762                  | 780                  |
|        | 18     | Phagi                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 767                  | 783                  |
|        | 19     | Varanasi                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 766                  | 780                  |
| WR     | 1      | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 754                  | 772                  |
|        | 2      | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 750                  | 772                  |
|        | 3      | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 747                  | 769                  |
|        | 4      | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 764                  | 775                  |
|        | 5      | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 763                  | 782                  |
|        | 6      | Champa                      | 0.00%                                 | 90.49%   | 9.51%                                 | 9.51%   | 804                  | 781                  | 793                  |
|        | 7      | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 765                  | 776                  |
|        | 8      | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 747                  | 771                  |
|        | 9      | Ektuni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 747                  | 767                  |
|        | 10     | Gwalior                     | 0.00%                                 | 98.13%   | 1.88%                                 | 1.88%   | 803                  | 765                  | 786                  |
|        | 11     | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 745                  | 766                  |
|        | 12     | Jabalpur                    | 0.00%                                 | 91.04%   | 8.96%                                 | 8.96%   | 806                  | 769                  | 789                  |
|        | 13     | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 751                  | 764                  |
|        | 14     | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 753                  | 776                  |
|        | 15     | Raigarh Pooling             | 0.00%                                 | 99.86%   | 0.14%                                 | 0.14%   | 800                  | 779                  | 790                  |
|        | 16     | Raipur Pooling              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 778                  | 789                  |
|        | 17     | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 770                  | 781                  |
|        | 18     | Satna                       | 0.00%                                 | 99.86%   | 0.14%                                 | 0.14%   | 803                  | 770                  | 786                  |
|        | 19     | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 763                  | 780                  |
|        | 20     | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 766                  | 777                  |
|        | 21     | Solapur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 762                  | 780                  |
|        | 22     | Tamnar                      | 0.00%                                 | 99.16%   | 0.84%                                 | 0.84%   | 802                  | 781                  | 792                  |
|        | 23     | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 768                  | 752                  | 762                  |
|        | 24     | Vadodara                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 737                  | 764                  |
|        | 25     | Vindhyachal PS              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 737                  | 784                  |
|        | 26     | Wardha                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 737                  | 784                  |
|        | 27     | Bhuj                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 754                  | 769                  |
| SR     | 1      | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 773                  |
|        | 2      | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 760                  | 773                  |
|        | 3      | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 760                  | 777                  |
|        | 4      | Nizamabad                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 774                  | 782                  |
|        | 5      | Srikakulam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 763                  | 786                  |
|        | 6      | Thiruvallur                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 763                  | 786                  |
|        | 7      | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 759                  | 779                  |
| ER     | 1      | Angul                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 757                  | 776                  |
|        | 2      | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 760                  | 773                  |
|        | 3      | Jharsuguda                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 776                  | 790                  |
|        | 4      | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 774                  | 789                  |
|        | 5      | Sasaram                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 753                  | 768                  |
| NER    | 1      | Balipara (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 405                  | 396                  | 401                  |
|        | 2      | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 404                  | 409                  |
|        | 3      | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 407                  | 413                  |
|        | 5      | Palatana (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 403                  | 406                  |
|        | 6      | Misa (400 kV)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 399                  | 404                  |
|        | 7      | Ranganadi (400 kV)          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 408                  | 413                  |
|        | 8      | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 399                  | 404                  |
|        | 9      | Silchar (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 405                  | 409                  |

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