

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

Date of Reporting: **30-08-2021**

System Reliability Indices Report for: **29-08-2021**

**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**

|   |              |   |      |      |
|---|--------------|---|------|------|
| 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 29-08-2021

| 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%   | 790                  | 760                  | 775                  |
|          | Agra (Fatehabad)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 760                  | 775                  |
|          | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 764                  | 769                  |
|          | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 764                  | 769                  |
|          | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 765                  | 777                  |
|          | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 756                  | 769                  |
|          | Bara                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 763                  | 769                  |
|          | Bhiwani                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 760                  | 772                  |
|          | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 763                  | 775                  |
|          | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 751                  | 772                  |
|          | Greater Noida               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 765                  | 780                  |
|          | Jhatikara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 754                  | 771                  |
|          | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 754                  | 770                  |
|          | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 757                  | 770                  |
|          | Lalitpur                    | 0.00%                                 | 131.63%  | 0.00%                                 | 0.00%   | 780                  | 759                  | 1013                 |
|          | Meerut                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 763                  | 779                  |
|          | Moqa                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 763                  | 776                  |
| Phagi    | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 794   | 758                  | 775                  |                      |
| Varanasi | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 786   | 763                  | 775                  |                      |
| WR       | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 764                  | 774                  |
|          | Aurangabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 755                  | 774                  |
|          | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 761                  | 769                  |
|          | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 770                  | 774                  |
|          | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 763                  | 777                  |
|          | Champa                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 779                  | 785                  |
|          | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 770                  | 776                  |
|          | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 758                  | 773                  |
|          | Ektuni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 758                  | 771                  |
|          | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 762                  | 779                  |
|          | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 764                  | 772                  |
|          | Jabalpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 773                  | 783                  |
|          | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 774                  | 763                  | 769                  |
|          | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 759                  | 779                  |
|          | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 781                  | 785                  |
|          | Raipur Pooling              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 780                  | 784                  |
|          | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 769                  | 778                  |
|          | Satna                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 771                  | 781                  |
|          | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 770                  | 779                  |
|          | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 771                  | 776                  |
|          | Solapur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 768                  | 782                  |
|          | Tamnar                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 785                  | 790                  |
|          | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 771                  | 762                  | 766                  |
|          | Vadodara                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 758                  | 770                  |
|          | Vindhyachal PS              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 758                  | 781                  |
| Wardha   | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 783   | 758                  | 782                  |                      |
| SR       | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 761                  | 774                  |
|          | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 767                  | 776                  |
|          | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 765                  | 779                  |
|          | Nizamabad                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 781                  | 788                  |
|          | Srikakulam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 776                  | 785                  |
|          | Thiruvallam                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 776                  | 785                  |
|          | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 777                  | 788                  |
| ER       | Angul                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 768                  | 774                  |
|          | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 758                  | 768                  |
|          | Jharsuguda                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 782                  | 788                  |
|          | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 767                  | 777                  |
|          | Sasaram                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 750                  | 765                  |
| NER      | Balipara (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 400                  | 405                  |
|          | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 403                  | 409                  |
|          | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 405                  | 412                  |
|          | Palatana (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 403                  | 406                  |
|          | Misa (400 kV)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 401                  | 406                  |
|          | Ranganadi (400 kV)          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 407                  | 411                  |
|          | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 401                  | 407                  |
|          | 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.