

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

Date of Reporting: 22-04-2021

System Reliability Indices Report for: 21-04-2021

**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 21-04-2021

| 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%   | 795                  | 774                  | 785                  |
|                | Agra (Fatehabad)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 774                  | 785                  |
|                | Anpara-C                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 760                  | 765                  |
|                | Anpara-D                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 760                  | 765                  |
|                | Anta                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 770                  | 782                  |
|                | Ballia                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 757                  | 769                  |
|                | Bara                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 763                  | 769                  |
|                | Bhiwani                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 765                  | 778                  |
|                | Bareilly                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 764                  | 784                  |
|                | Fatehpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 756                  | 767                  |
|                | Greater Noida               | 0.00%                                 | 99.24%   | 0.76%                                 | 0.76%   | 801                  | 776                  | 788                  |
|                | Jhatikara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 771                  | 783                  |
|                | Kanpur GIS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 773                  |
|                | Lucknow                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 761                  | 777                  |
|                | Lalitpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 765                  | 774                  |
|                | Meerut                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 762                  | 777                  |
|                | Moqa                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 748                  | 765                  |
| Phagi          | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 799   | 771                  | 783                  |                      |
| Varanasi       | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 786   | 767                  | 775                  |                      |
| Unnao          | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 781   | 758                  | 771                  |                      |
| WR             | Akola                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 765                  | 775                  |
|                | Aurangabad                  | 0.00%                                 | 99.44%   | 0.56%                                 | 0.56%   | 802                  | 764                  | 784                  |
|                | Bhopal (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 761                  | 769                  |
|                | Bilaspur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 768                  | 775                  |
|                | Bina                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 773                  | 779                  |
|                | Champa                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 779                  | 787                  |
|                | Dharamjaigarh               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 772                  | 779                  |
|                | Dhule (BDTCL)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 771                  |
|                | Ektuni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 772                  |
|                | Gwalior                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 776                  | 783                  |
|                | Indore                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 763                  | 773                  |
|                | Jabalpur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 781                  | 786                  |
|                | Koradi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 761                  | 770                  |
|                | Pune                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 763                  | 782                  |
|                | Raigarh Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 781                  | 786                  |
|                | Raipur Pooling              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 780                  | 785                  |
|                | Sasan                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 768                  | 771                  |
|                | Satna                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 773                  | 777                  |
|                | Seoni                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 766                  | 777                  |
|                | Sipat                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 772                  | 775                  |
|                | Solapur                     | 0.00%                                 | 99.79%   | 0.21%                                 | 0.21%   | 802                  | 766                  | 785                  |
|                | Tamnar                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 783                  | 788                  |
|                | Tirora                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 759                  | 766                  |
| Vadodara       | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 790   | 759                  | 773                  |                      |
| Vindhyachal PS | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 790   | 759                  | 772                  |                      |
| Wardha         | 0.00%                       | 98.33%                                | 1.67%  | 1.67%                                 | 790   | 759                  | 789                  |                      |
| SR             | Kurnool                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 772                  |
|                | Nellore PS                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 759                  | 772                  |
|                | Raichur                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 760                  | 776                  |
|                | Nizamabad                   | 0.00%                                 | 73.40%   | 26.60%                                | 26.60%  | 809                  | 778                  | 795                  |
|                | Srikakulam                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 759                  | 779                  |
|                | Thiruvallam                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 759                  | 779                  |
|                | Vemagiri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 762                  | 782                  |
| ER             | Angul                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 768                  | 781                  |
|                | Gaya                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 759                  | 767                  |
|                | Jharsuguda                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 783                  | 793                  |
|                | Ranchi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 769                  | 778                  |
| Sasaram        | 0.00%                       | 100.00%                               | 0.00%  | 0.00%                                 | 793   | 751                  | 775                  |                      |
| NER            | Balipara (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 395                  | 402                  |
|                | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 401                  | 409                  |
|                | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 404                  | 411                  |
|                | Palatana (400 kV)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 395                  | 405                  |
|                | Misa (400 kV)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 393                  | 403                  |
|                | Ranganadi (400 kV)          | 0.00%                                 | 90.49%   | 9.51%                                 | 9.51%   | 422                  | 405                  | 413                  |
|                | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 396                  | 403                  |
|                | Siichar (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.