

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

Date of Reporting: **29-07-2021**  
System Reliability Indices Report for: **28-07-2021**

**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 28-07-2021

| 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%                                                               | 796                  | 757                  | 782                  |
|                  | Agra (Fatehabad)            | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 796                  | 757                  | 782                  |
|                  | Anpara-C                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 776                  | 757                  | 767                  |
|                  | Anpara-D                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 776                  | 757                  | 767                  |
|                  | Anta                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 798                  | 775                  | 787                  |
|                  | Ballia                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 788                  | 748                  | 769                  |
|                  | Bara                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 786                  | 763                  | 769                  |
|                  | Bhiwani                     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 799                  | 767                  | 786                  |
|                  | Bareilly                    | 0.00%                                 | 91.74%                                               | 8.26%                                 | 8.26%                                                               | 804                  | 749                  | 781                  |
|                  | Fatehpur                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 782                  | 742                  | 762                  |
|                  | Greater Noida               | 0.00%                                 | 97.43%                                               | 2.57%                                 | 2.57%                                                               | 803                  | 758                  | 784                  |
|                  | Jhatikara                   | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 796                  | 760                  | 782                  |
|                  | Kanpur GIS                  | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 796                  | 755                  | 775                  |
|                  | Lucknow                     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 797                  | 745                  | 774                  |
|                  | Lalitpur                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 782                  | 757                  | 774                  |
|                  | Meerut                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 795                  | 760                  | 780                  |
|                  | Moga                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 795                  | 767                  | 778                  |
|                  | Phagi                       | 0.00%                                 | 95.28%                                               | 4.72%                                 | 4.72%                                                               | 802                  | 767                  | 786                  |
| Varanasi         | 0.00%                       | 100.00%                               | 0.00%                                                | 0.00%                                 | 794                                                                 | 757                  | 776                  |                      |
| Unnao            | 0.00%                       | 100.00%                               | 0.00%                                                | 0.00%                                 | 786                                                                 | 741                  | 766                  |                      |
| WR               | Akola                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 787                  | 761                  | 778                  |
|                  | Aurangabad                  | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 792                  | 762                  | 782                  |
|                  | Bhopal (BDTCL)              | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 789                  | 769                  | 779                  |
|                  | Bilaspur                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 787                  | 774                  | 779                  |
|                  | Bina                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 798                  | 772                  | 787                  |
|                  | Champa                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 796                  | 773                  | 788                  |
|                  | Dharamjaigarh               | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 788                  | 769                  | 780                  |
|                  | Dhule (BDTCL)               | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 782                  | 748                  | 771                  |
|                  | Ektuni                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 782                  | 748                  | 780                  |
|                  | Gwalior                     | 0.00%                                 | 98.13%                                               | 1.88%                                 | 1.88%                                                               | 800                  | 766                  | 786                  |
|                  | Indore                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 783                  | 763                  | 772                  |
|                  | Jabalpur                    | 0.00%                                 | 85.35%                                               | 14.65%                                | 14.65%                                                              | 804                  | 780                  | 794                  |
|                  | Koradi                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 772                  | 754                  | 765                  |
|                  | Pune                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 800                  | 766                  | 787                  |
|                  | Raigarh Pooling             | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 797                  | 780                  | 789                  |
|                  | Raipur Pooling              | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 795                  | 778                  | 788                  |
|                  | Sasan                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 786                  | 769                  | 778                  |
|                  | Satna                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 797                  | 774                  | 787                  |
|                  | Seoni                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 796                  | 776                  | 786                  |
|                  | Sipat                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 787                  | 774                  | 780                  |
|                  | Solapur                     | 0.00%                                 | 99.58%                                               | 0.42%                                 | 0.42%                                                               | 801                  | 771                  | 788                  |
|                  | Tamnar                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 799                  | 783                  | 791                  |
|                  | Tirora                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 765                  | 751                  | 759                  |
|                  | Vadodara                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 789                  | 764                  | 779                  |
| Vindhyachal PS   | 0.00%                       | 100.00%                               | 0.00%                                                | 0.00%                                 | 789                                                                 | 764                  | 780                  |                      |
| Wardha           | 0.00%                       | 100.00%                               | 0.00%                                                | 0.00%                                 | 789                                                                 | 764                  | 785                  |                      |
| SR               | Kurnool                     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 787                  | 751                  | 773                  |
|                  | Nellore PS                  | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 787                  | 755                  | 774                  |
|                  | Raichur                     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 793                  | 756                  | 779                  |
|                  | Nizamabad                   | 0.00%                                 | 91.39%                                               | 8.61%                                 | 8.61%                                                               | 807                  | 757                  | 784                  |
|                  | Srikakulam                  | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 791                  | 779                  | 785                  |
|                  | Thiruvallam                 | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 791                  | 779                  | 785                  |
|                  | Vemagiri                    | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 792                  | 772                  | 781                  |
| ER               | Angul                       | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 795                  | 767                  | 781                  |
|                  | Gaya                        | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 789                  | 755                  | 773                  |
|                  | Jharsuguda                  | 0.00%                                 | 83.52%                                               | 16.48%                                | 16.48%                                                              | 804                  | 767                  | 794                  |
|                  | Ranchi                      | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 789                  | 767                  | 778                  |
|                  | Sasaram                     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 780                  | 747                  | 765                  |
| NER              | Balipara (400 kV)           | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 407                  | 398                  | 404                  |
|                  | Bongaigaon (400 kV)         | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 413                  | 404                  | 408                  |
|                  | Bongaigaon TPS (400 kV)     | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 417                  | 408                  | 412                  |
|                  | Palatana (400 kV)           | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 410                  | 403                  | 407                  |
|                  | 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%                                                               | 416                  | 408                  | 412                  |
|                  | Biswanath Chariali (400 kV) | 0.00%                                 | 100.00%                                              | 0.00%                                 | 0.00%                                                               | 411                  | 401                  | 406                  |
| 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.