

**GRID CONTROLLER OF INDIA LIMITED**  
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

**System Reliability Indices Report for the week from**  
**02-Oct-2023 to 08-Oct-2023**

Date: 13-Oct-2023

**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     | ER-NER       | 0                         | 0.00                     | 0.00       |

**Percentage(%) of times (N-1) Criteria 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       |
| 4     | ER-NER       | 0                         | 0.00                     | 0.00       |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

**Voltage Profile for the week from 02-Oct-2023 to 08-Oct-2023**

| 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     | 1  | Agra                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 746                  | 768                  |
|        | 2  | Agra (Fatehabad)                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 746                  | 768                  |
|        | 3  | Ajmer                              | 0.00%                                 | 99.76%   | 0.24%                                 | 0.00%   | 802                  | 760                  | 778                  |
|        | 4  | Aligarh                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 752                  | 775                  |
|        | 5  | Anpara-C                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 762                  | 770                  |
|        | 6  | Anpara-D                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 762                  | 769                  |
|        | 7  | Anta                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 762                  | 777                  |
|        | 8  | Ballia                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 755                  | 768                  |
|        | 9  | Bara                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 763                  | 774                  |
|        | 10 | Barilly                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 749                  | 774                  |
|        | 11 | Bhadla                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 755                  | 772                  |
|        | 12 | Bhadla II                          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 755                  | 773                  |
|        | 13 | Bhawani                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 756                  | 781                  |
|        | 14 | Bikaner                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 753                  | 772                  |
|        | 15 | Chittorgarh                        | 0.00%                                 | 99.87%   | 0.13%                                 | 0.13%   | 800                  | 761                  | 780                  |
|        | 16 | Fatehgarh II                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 744                  | 772                  |
|        | 17 | Fatehpur                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 751                  | 768                  |
|        | 18 | Greater Noida                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 750                  | 777                  |
|        | 19 | Hapur                              | 0.00%                                 | 97.59%   | 2.41%                                 | 2.41%   | 805                  | 737                  | 773                  |
|        | 20 | Jhatkara                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 746                  | 774                  |
|        | 21 | Kanpur GIS                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 761                  | 776                  |
|        | 22 | Khetri                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 750                  | 776                  |
|        | 23 | Koteshwar                          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 747                  | 774                  |
|        | 24 | Lalitpur                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 767                  | 742                  | 755                  |
|        | 25 | Lucknow                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 755                  | 772                  |
|        | 26 | Mainpuri                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 748                  | 770                  |
|        | 27 | Meerut                             | 0.00%                                 | 99.54%   | 0.46%                                 | 0.46%   | 802                  | 749                  | 778                  |
|        | 28 | Mooga                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 750                  | 771                  |
|        | 29 | Orai                               | 0.00%                                 | 99.89%   | 0.11%                                 | 0.11%   | 801                  | 768                  | 786                  |
|        | 30 | Phagi                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 760                  | 780                  |
|        | 31 | Unnao                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 739                  | 766                  |
|        | 32 | Varanasi                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 767                  | 779                  |
| WR     | 1  | Akola                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 758                  | 773                  |
|        | 2  | Aurangabad                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 750                  | 773                  |
|        | 3  | Banaskantha                        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 768                  | 784                  |
|        | 4  | Bhopal (BDTCL)                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 753                  | 770                  |
|        | 5  | Bhuj                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 761                  | 775                  |
|        | 6  | Bhuj II                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 756                  | 771                  |
|        | 7  | Blasapur                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 760                  | 775                  |
|        | 8  | Bina                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 762                  | 777                  |
|        | 9  | Champa                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 777                  | 788                  |
|        | 10 | Dharamjaigarh                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 761                  | 777                  |
|        | 11 | Dhule (BDTCL)                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 755                  | 772                  |
|        | 12 | Ektuni                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 748                  | 772                  |
|        | 13 | Gadawara                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 769                  | 783                  |
|        | 14 | Gwalior                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 765                  | 781                  |
|        | 15 | Indore                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 755                  | 772                  |
|        | 16 | Jabalpur                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 769                  | 786                  |
|        | 17 | Khandwa PS                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 758                  | 773                  |
|        | 18 | Koradi                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 762                  | 769                  |
|        | 19 | Lakadia                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 765                  | 781                  |
|        | 20 | New Parli                          | 0.00%                                 | 99.95%   | 0.05%                                 | 0.05%   | 802                  | 759                  | 782                  |
|        | 21 | Padghe                             | 0.00%                                 | 99.67%   | 0.33%                                 | 0.33%   | 801                  | 743                  | 776                  |
|        | 22 | Pune                               | 0.00%                                 | 99.58%   | 0.42%                                 | 0.42%   | 803                  | 743                  | 777                  |
|        | 23 | Raigarh Pooling                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 776                  | 786                  |
|        | 24 | Raipur Pooling                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 774                  | 784                  |
|        | 25 | Rainandgaon                        | 0.00%                                 | 99.99%   | 0.01%                                 | 0.01%   | 800                  | 769                  | 787                  |
|        | 26 | Sasan                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 774                  | 781                  |
|        | 27 | Satna                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 775                  | 786                  |
|        | 28 | Seoni                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 758                  | 777                  |
|        | 29 | Sipat                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 764                  | 776                  |
|        | 30 | Solapur                            | 0.00%                                 | 99.93%   | 0.07%                                 | 0.07%   | 804                  | 759                  | 783                  |
|        | 31 | Tamnar                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 775                  | 784                  |
|        | 32 | Tirora                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 759                  | 768                  |
|        | 33 | Vadodara                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 753                  | 772                  |
|        | 34 | Vindhyachal PS                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 776                  | 783                  |
|        | 35 | Wardha                             | 0.00%                                 | 99.94%   | 0.06%                                 | 0.06%   | 805                  | 752                  | 777                  |
|        | 36 | Warora                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 759                  | 782                  |
| SR     | 1  | Chilakaluripeta                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 741                  | 764                  |
|        | 2  | Cuddapah                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 754                  | 779                  |
|        | 3  | Kurnool                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 746                  | 771                  |
|        | 4  | Maheshwaram                        | 0.00%                                 | 99.95%   | 0.05%                                 | 0.05%   | 802                  | 750                  | 777                  |
|        | 5  | Nellore PS                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 745                  | 767                  |
|        | 6  | Nizamabad                          | 0.00%                                 | 94.58%   | 5.42%                                 | 5.42%   | 812                  | 752                  | 781                  |
|        | 7  | Raichur                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 751                  | 776                  |
|        | 8  | Srikakulam                         | 0.00%                                 | 99.95%   | 0.05%                                 | 0.05%   | 801                  | 748                  | 777                  |
|        | 9  | Thruvalam                          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 746                  | 770                  |
|        | 10 | Vemagiri                           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 742                  | 768                  |
| ER     | 1  | Angul                              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 751                  | 775                  |
|        | 2  | Daripalli                          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 763                  | 779                  |
|        | 3  | Gaya                               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 762                  | 773                  |
|        | 4  | Jharsuguda                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 770                  | 787                  |
|        | 5  | Medinipur                          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 750                  | 767                  |
|        | 6  | New Jeerat                         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 734                  | 755                  |
|        | 7  | Ranchi                             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 769                  | 781                  |
|        | 8  | Sasaram                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 753                  | 764                  |
| NER    | 1  | Azara/Mirza (400 kV)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 407                  | 398                  | 403                  |
|        | 2  | Balpara (400 kV)                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 397                  | 405                  |
|        | 3  | Biswanath Chariali (400 kV)        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 421                  | 403                  | 412                  |
|        | 4  | Bongaigaon (400 kV)                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 397                  | 407                  |
|        | 5  | Bongaigaon TPS (400 kV)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 402                  | 410                  |
|        | 6  | Byrnihat/Killing (400 kV)          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 419                  | 402                  | 412                  |
|        | 7  | Imphal (400 kV)                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 396                  | 405                  |
|        | 8  | Kameng (400 kV)                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 396                  | 405                  |
|        | 9  | Misa (400 kV)                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 395                  | 405                  |
|        | 10 | New Kohima (400 kV)                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 403                  | 382                  | 393                  |
|        | 11 | New Mariani (400 kV)               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 393                  | 406                  |
|        | 12 | Palatana (400 kV)                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 402                  | 407                  |
|        | 13 | PK Bari                            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 397                  | 404                  |
|        | 14 | Ranganadi (400 kV)                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 424                  | 407                  | 414                  |
|        | 15 | Silchar (400 kV)                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 398                  | 408                  |
|        | 16 | Surajmani Nagar(Sterlite) (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 407                  | 396                  | 403                  |

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