

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

Date of Reporting: 04-07-2023  
System Reliability Indices Report for: 03-07-2023

**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     | 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 03-07-2023**

| 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%   | 787                  | 749                  | 771                  |
|        | 2      | Agra (Fatehabad)           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 749                  | 771                  |
|        | 3      | Ajmer                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 763                  | 776                  |
|        | 4      | Aligarh                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 747                  | 771                  |
|        | 5      | Anpara-C                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 758                  | 764                  |
|        | 6      | Anpara-D                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 765                  | 756                  | 762                  |
|        | 7      | Anta                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 770                  | 787                  |
|        | 8      | Ballia                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 749                  | 766                  |
|        | 9      | Bara                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 759                  | 768                  |
|        | 10     | Bareilly                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 751                  | 778                  |
|        | 11     | Bhadla                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 749                  | 768                  |
|        | 12     | Bhadla II                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 752                  | 770                  |
|        | 13     | Bhiwani                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 745                  | 772                  |
|        | 14     | Bikaner                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 749                  | 768                  |
|        | 15     | Chittorgarh                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 761                  | 779                  |
|        | 16     | Fatehgarh II               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 744                  | 770                  |
|        | 17     | Fatehpur                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 753                  | 770                  |
|        | 18     | Greater Noida              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 742                  | 772                  |
|        | 19     | Hapur                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 737                  | 771                  |
|        | 20     | Jhatkara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 740                  | 766                  |
|        | 21     | Kanpur GIS                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 747                  | 765                  |
|        | 22     | Khetri                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 746                  | 770                  |
|        | 23     | Koteshwar                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 737                  | 770                  |
|        | 24     | Lalitpur                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 769                  | 745                  | 759                  |
|        | 25     | Lucknow                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 754                  | 772                  |
|        | 26     | Mainpuri                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 759                  | 774                  |
|        | 27     | Meerut                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 739                  | 774                  |
|        | 28     | Moga                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 743                  | 764                  |
|        | 29     | Orai                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 760                  | 779                  |
|        | 30     | Phagi                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 761                  | 777                  |
|        | 31     | Unnao                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 766                  | 741                  | 755                  |
|        | 32     | Varanasi                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 756                  | 770                  |
| WR     | 1      | Akola                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 752                  | 766                  |
|        | 2      | Aurangabad                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 753                  | 772                  |
|        | 3      | Banaskantha                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 766                  | 779                  |
|        | 4      | Bhopal (BDTCL)             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 773                  | 755                  | 763                  |
|        | 5      | Bhuj                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 762                  | 772                  |
|        | 6      | Bhuj II                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 757                  | 767                  |
|        | 7      | Bilaspur                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 764                  | 773                  |
|        | 8      | Bina                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 758                  | 772                  |
|        | 9      | Champa                     | 0.00%                                 | 99.86%   | 0.14%                                 | 0.14%   | 801                  | 770                  | 789                  |
|        | 10     | Dharamjaigarh              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 764                  | 772                  |
|        | 11     | Dhule (BDTCL)              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 758                  | 773                  |
|        | 12     | Ektuni                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 749                  | 767                  |
|        | 13     | Gadarwara                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 768                  | 778                  |
|        | 14     | Gwalior                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 781                  | 781                  |
|        | 15     | Indore                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 753                  | 765                  |
|        | 16     | Jabalpur                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 765                  | 777                  |
|        | 17     | Khandwa PS                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 778                  | 757                  | 768                  |
|        | 18     | Koradi                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 767                  | 749                  | 758                  |
|        | 19     | Lakadia                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 764                  | 776                  |
|        | 20     | New Parli                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 759                  | 781                  |
|        | 21     | Padghe                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 750                  | 775                  |
|        | 22     | Pune                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 747                  | 775                  |
|        | 23     | Raigarh Pooling            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 776                  | 785                  |
|        | 24     | Raipur Pooling             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 774                  | 783                  |
|        | 25     | Rajnandgaon                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 774                  | 788                  |
|        | 26     | Sasan                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 763                  | 772                  |
|        | 27     | Satna                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 765                  | 778                  |
|        | 28     | Seoni                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 765                  | 775                  |
|        | 29     | Sipat                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 768                  | 775                  |
|        | 30     | Solapur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 761                  | 783                  |
|        | 31     | Tamnar                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 776                  | 784                  |
|        | 32     | Tirora                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 765                  | 751                  | 758                  |
|        | 33     | Vadodara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 759                  | 771                  |
|        | 34     | Vindhyachal PS             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 766                  | 776                  |
|        | 35     | Wardha                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 759                  | 776                  |
|        | 36     | Warora                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 764                  | 779                  |
| SR     | 1      | Chillakaluripeta           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 768                  | 785                  |
|        | 2      | Cuddapah                   | 0.00%                                 | 85.42%   | 14.58%                                | 14.58%  | 807                  | 769                  | 786                  |
|        | 3      | Kurnool                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 761                  | 777                  |
|        | 4      | Maheshwaram                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 755                  | 774                  |
|        | 5      | Nellore PS                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 759                  | 771                  |
|        | 6      | Nizamabad                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 759                  | 783                  |
|        | 7      | Raichur                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 764                  | 780                  |
|        | 8      | Srikakulam                 | 0.00%                                 | 73.68%   | 26.32%                                | 26.32%  | 807                  | 779                  | 794                  |
|        | 9      | Thiruvallam                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 748                  | 763                  |
|        | 10     | Vemagiri                   | 0.00%                                 | 74.79%   | 25.21%                                | 25.21%  | 806                  | 776                  | 791                  |
| ER     | 1      | Angul                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 775                  | 786                  |
|        | 2      | Darlipalli                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 776                  | 781                  |
|        | 3      | Gaya                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 747                  | 762                  |
|        | 4      | Jharsuguda                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 781                  | 790                  |
|        | 5      | Medininpur                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 753                  | 770                  |
|        | 6      | New Jeerat                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 748                  | 765                  |
|        | 7      | Ranchi                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 765                  | 780                  |
|        | 8      | Sasaram                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 774                  | 753                  | 766                  |
| NER    | 1      | Azara/Mirza                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 407                  | 401                  | 404                  |
|        | 2      | Balipara                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 406                  | 396                  | 401                  |
|        | 3      | Biswanath Chariali         | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 401                  | 407                  |
|        | 4      | Bongaigaon                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 408                  | 399                  | 405                  |
|        | 5      | Bongaigaon TPS             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 403                  | 408                  |
|        | 6      | Bymihat/killing            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 403                  | 410                  |
|        | 7      | Imphal                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 398                  | 404                  |
|        | 8      | Kameng                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 406                  | 396                  | 402                  |
|        | 9      | Misa                       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 408                  | 396                  | 402                  |
|        | 10     | New Kohima                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 397                  | 405                  |
|        | 11     | New Mariani                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 399                  | 405                  |
|        | 12     | Palatana                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 403                  | 407                  |
|        | 13     | PK Bari                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 400                  | 406                  |
|        | 14     | Ranganadi                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 415                  | 404                  | 409                  |
|        | 15     | Silchar                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 412                  | 399                  | 407                  |
|        | 16     | Surajmani Nagar(Sterilite) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 401                  | 406                  |

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