

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

Date of Reporting: 27-09-2023  
System Reliability Indices Report for: 26-09-2023

**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 26-09-2023**

| 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%   | 780                  | 747                  | 761                  |
|        | 2      | Agra (Fatehabad)          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 747                  | 761                  |
|        | 3      | Ajmer                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 765                  | 776                  |
|        | 4      | Aligarh                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 757                  | 772                  |
|        | 5      | Anpara-C                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 774                  | 762                  | 768                  |
|        | 6      | Anpara-D                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 772                  | 760                  | 767                  |
|        | 7      | Anta                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 766                  | 774                  |
|        | 8      | Ballia                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 773                  | 743                  | 762                  |
|        | 9      | Bara                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 762                  | 770                  |
|        | 10     | Bareilly                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 797                  | 752                  | 774                  |
|        | 11     | Bhadla                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 759                  | 772                  |
|        | 12     | Bhadla II                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 759                  | 772                  |
|        | 13     | Bhiwani                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 767                  | 776                  |
|        | 14     | Bikaner                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 761                  | 771                  |
|        | 15     | Chittorgarh               | 0.00%                                 | 98.54%   | 1.46%                                 | 1.46%   | 804                  | 765                  | 781                  |
|        | 16     | Fatehgarh II              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 750                  | 773                  |
|        | 17     | Fatehpur                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 750                  | 767                  |
|        | 18     | Greater Noida             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 761                  | 775                  |
|        | 19     | Hapur                     | 0.00%                                 | 99.44%   | 0.56%                                 | 0.56%   | 802                  | 761                  | 779                  |
|        | 20     | Jhatkara                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 755                  | 768                  |
|        | 21     | Kanpur GIS                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 751                  | 768                  |
|        | 22     | Khetri                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 758                  | 772                  |
|        | 23     | Koteshwar                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 757                  | 770                  |
|        | 24     | Lalitpur                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 764                  | 743                  | 752                  |
|        | 25     | Lucknow                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 743                  | 768                  |
|        | 26     | Mainpuri                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 753                  | 766                  |
|        | 27     | Meerut                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 758                  | 774                  |
|        | 28     | Moga                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 755                  | 768                  |
|        | 29     | Orai                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 767                  | 782                  |
|        | 30     | Phagi                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 762                  | 775                  |
|        | 31     | Unnao                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 770                  | 741                  | 757                  |
|        | 32     | Varanasi                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 759                  | 774                  |
| WR     | 1      | Akola                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 755                  | 772                  |
|        | 2      | Aurangabad                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 758                  | 776                  |
|        | 3      | Banaskantha               | 0.00%                                 | 99.03%   | 0.97%                                 | 0.97%   | 804                  | 780                  | 790                  |
|        | 4      | Bhopal (BDTCL)            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 779                  | 759                  | 769                  |
|        | 5      | Bhuj                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 774                  | 785                  |
|        | 6      | Bhuj II                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 771                  | 779                  |
|        | 7      | Bilaspur                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 768                  | 774                  |
|        | 8      | Bina                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 784                  | 754                  | 774                  |
|        | 9      | Champa                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 794                  | 782                  | 788                  |
|        | 10     | Dharamjaigarh             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 776                  | 767                  | 771                  |
|        | 11     | Dhule (BDTCL)             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 759                  | 776                  |
|        | 12     | Ektuni                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 749                  | 769                  |
|        | 13     | Gadarwara                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 779                  | 785                  |
|        | 14     | Gwalior                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 763                  | 776                  |
|        | 15     | Indore                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 760                  | 773                  |
|        | 16     | Jabalpur                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 777                  | 785                  |
|        | 17     | Khandwa PS                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 761                  | 775                  |
|        | 19     | Lakadia                   | 0.00%                                 | 99.79%   | 0.21%                                 | 0.21%   | 801                  | 779                  | 789                  |
|        | 20     | New Parli                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 767                  | 786                  |
|        | 21     | Padghe                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 798                  | 752                  | 779                  |
|        | 22     | Pune                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 750                  | 778                  |
|        | 23     | Raigarh Pooling           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 783                  | 787                  |
|        | 24     | Raipur Pooling            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 782                  | 786                  |
|        | 25     | Rajnandgaon               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 779                  | 788                  |
|        | 26     | Sasan                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 772                  | 779                  |
|        | 27     | Satna                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 789                  | 775                  | 782                  |
|        | 28     | Seoni                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 766                  | 777                  |
|        | 29     | Sipat                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 770                  | 775                  |
|        | 30     | Solapur                   | 0.00%                                 | 98.19%   | 1.81%                                 | 1.81%   | 801                  | 769                  | 787                  |
|        | 31     | Tamnar                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 782                  | 786                  |
|        | 32     | Tirora                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 771                  | 755                  | 765                  |
|        | 33     | Vadodara                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 765                  | 781                  |
|        | 34     | Vindhyachal PS            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 775                  | 781                  |
|        | 35     | Wardha                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 762                  | 779                  |
|        | 36     | Warora                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 793                  | 776                  | 787                  |
|        | SR     | 1                         | Chillakalurieta                       | 0.00%  | 100.00%                               | 0.00%   | 0.00%                | 784                  | 749                  |
| 2      |        | Cuddapah                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 799                  | 764                  | 782                  |
| 3      |        | Kurnool                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 755                  | 774                  |
| 4      |        | Maheshwaram               | 0.00%                                 | 98.47%   | 1.53%                                 | 1.53%   | 801                  | 762                  | 782                  |
| 5      |        | Nellore PS                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 783                  | 755                  | 769                  |
| 6      |        | Nizamabad                 | 0.00%                                 | 90.97%   | 9.03%                                 | 9.03%   | 803                  | 761                  | 786                  |
| 7      |        | Raichur                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 796                  | 762                  | 780                  |
| 8      |        | Srikakulam                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 759                  | 774                  |
| 9      |        | Thiruvalem                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 754                  | 769                  |
| 10     |        | Vemagiri                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 781                  | 755                  | 768                  |
| ER     | 1      | Angul                     | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 777                  | 759                  | 768                  |
|        | 2      | Darlipalli                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 780                  | 772                  | 775                  |
|        | 3      | Gaya                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 752                  | 767                  |
|        | 4      | Jharsuguda                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 779                  | 784                  |
|        | 5      | Medinipur                 | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 782                  | 758                  | 768                  |
|        | 6      | New Jeerat                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 747                  | 759                  |
|        | 7      | Ranchi                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 792                  | 772                  | 781                  |
|        | 8      | Sasaram                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 775                  | 754                  | 767                  |
| NER    | 1      | Azara/Mirza               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 405                  | 399                  | 402                  |
|        | 2      | Balipara                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 398                  | 403                  |
|        | 3      | Biswanath Chariali        | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 418                  | 404                  | 411                  |
|        | 4      | Bongaigaon                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 409                  | 400                  | 405                  |
|        | 5      | Bongaigaon TPS            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 403                  | 408                  |
|        | 6      | Bymahat/Killing           | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 417                  | 405                  | 410                  |
|        | 7      | Imphal                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 413                  | 396                  | 405                  |
|        | 8      | Kameng                    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 398                  | 404                  |
|        | 9      | Misa                      | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 411                  | 397                  | 403                  |
|        | 11     | New Mariani               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 398                  | 406                  |
|        | 12     | Palatana                  | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 410                  | 403                  | 406                  |
|        | 13     | PK Bari                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 408                  | 399                  | 403                  |
|        | 14     | Ranganadi                 | 0.00%                                 | 99.65%   | 0.00%                                 | 0.00%   | 420                  | 407                  | 413                  |
|        | 15     | Silchar                   | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 414                  | 401                  | 407                  |
|        | 16     | Surajmani Nagar(Sterlite) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 406                  | 397                  | 401                  |

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