

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

Date of Reporting: 24-12-2023
System Reliability Indices Report for: 23-12-2023

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 23-12-2023

| 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 | 745 | 774 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 745 | 774 |
| | 3 | Ajmer | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 765 | 782 |
| | 4 | Aligarh | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 748 | 774 |
| | 5 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 760 | 767 |
| | 6 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 496 | 762 |
| | 7 | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 766 | 780 |
| | 8 | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 755 | 773 |
| | 9 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 762 | 772 |
| | 10 | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 756 | 778 |
| | 11 | Bhadla | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 764 | 774 |
| | 12 | Bhadla II | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 769 | 777 |
| | 13 | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 764 | 781 |
| | 14 | Bikaner | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 767 | 775 |
| | 15 | Chittorgarh | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 766 | 784 |
| | 16 | Fatehgarh II | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 766 | 777 |
| | 17 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 753 | 771 |
| | 18 | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 755 | 780 |
| | 19 | Hapur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 750 | 777 |
| | 20 | Jhatkara | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 776 |
| | 21 | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 751 | 773 |
| | 22 | Khetri | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 757 | 778 |
| | 23 | Koteshwar | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 756 | 775 |
| | 24 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 745 | 760 |
| | 25 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 755 | 777 |
| | 26 | Mainpuri | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 757 | 780 |
| | 27 | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 756 | 780 |
| | 28 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 756 | 771 |
| | 29 | Orai | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 765 | 786 |
| | 30 | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 758 | 781 |
| | 31 | Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 751 | 769 |
| | 32 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 760 | 777 |
| WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 753 | 772 |
| | 2 | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 751 | 773 |
| | 3 | Banaskantha | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 768 | 786 |
| | 4 | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 754 | 773 |
| | 5 | Bhuj | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 761 | 777 |
| | 6 | Bhuj II | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 758 | 772 |
| | 7 | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 755 | 764 |
| | 8 | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 778 |
| | 9 | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 774 | 784 |
| | 10 | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 760 | 768 |
| | 11 | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 753 | 774 |
| | 12 | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 751 | 769 |
| | 13 | Gadarwara | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 783 |
| | 14 | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 759 | 782 |
| | 15 | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 753 | 773 |
| | 16 | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 769 | 785 |
| | 17 | Khandwa PS | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 757 | 775 |
| | 18 | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 755 | 766 |
| | 19 | Lakadia | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 767 | 783 |
| | 20 | New Parli | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 761 | 781 |
| | 21 | Padghe | 0.00% | 97.78% | 2.22% | 2.22% | 804 | 745 | 777 |
| | 22 | Pune | 0.00% | 97.64% | 2.36% | 2.36% | 805 | 744 | 778 |
| | 23 | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 772 | 781 |
| | 24 | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 771 | 779 |
| | 25 | Rajnandgaon | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 768 | 782 |
| | 26 | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 767 | 777 |
| | 27 | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 783 |
| | 28 | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 754 | 770 |
| | 29 | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 758 | 766 |
| | 30 | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 761 | 783 |
| | 31 | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 774 | 781 |
| | 32 | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 755 | 763 |
| | 33 | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 752 | 775 |
| | 34 | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 770 | 781 |
| | 35 | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 757 | 774 |
| | 36 | Warora | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 760 | 779 |
| SR | 1 | Chillakaluripeta | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 751 | 772 |
| | 2 | Cuddapah | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 757 | 780 |
| | 3 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 751 | 773 |
| | 4 | Maheshwaram | 0.00% | 96.18% | 3.82% | 3.82% | 802 | 762 | 784 |
| | 5 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 754 | 773 |
| | 6 | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 790 | 790 |
| | 7 | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 754 | 777 |
| | 8 | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 760 | 782 |
| | 9 | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 747 | 769 |
| | 10 | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 776 |
| ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 759 | 776 |
| | 2 | Darlipalli | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 773 | 779 |
| | 3 | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 755 | 769 |
| | 4 | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 776 | 787 |
| | 5 | Medininpur | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 745 | 765 |
| | 6 | New Jeerat | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 731 | 756 |
| | 7 | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 778 |
| | 8 | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 748 | 763 |
| NER | 1 | Azara/Mirza | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 400 | 405 |
| | 2 | Balipara | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 390 | 400 |
| | 3 | Biswanath Chariali | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 396 | 407 |
| | 4 | Bongaigaon | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 396 | 407 |
| | 5 | Bongaigaon TPS | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 398 | 408 |
| | 6 | Byrnihat/killing | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 399 | 410 |
| | 7 | Imphal | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 395 | 403 |
| | 8 | Kameng | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 383 | 402 |
| | 9 | Misa | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 391 | 401 |
| | 10 | New Kohima | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 397 | 404 |
| | 11 | New Mariani | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 397 | 403 |
| | 12 | Palatana | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 401 | 406 |
| | 13 | PK Bari | 0.00% | 100.00% | 0.00% | 0.00% | 405 | 392 | 399 |
| | 14 | Ranganadi | 0.00% | 99.51% | 0.00% | 0.00% | 420 | 399 | 408 |
| | 15 | Silchar | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 397 | 406 |
| | 16 | Surajmani Nagar(Sterilite) | 0.00% | 100.00% | 0.00% | 0.00% | 404 | 393 | 399 |

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