

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

Date of Reporting: 22-10-2023
System Reliability Indices Report for: 21-10-2023

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 21-10-2023

| 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% | 783 | 749 | 771 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 749 | 771 |
| | 3 | Ajmer | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 761 | 778 |
| | 4 | Aligarh | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 752 | 774 |
| | 5 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 766 | 771 |
| | 6 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 764 | 770 |
| | 7 | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 781 |
| | 9 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 766 | 774 |
| | 10 | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 756 | 775 |
| | 11 | Bhadla | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 763 | 774 |
| | 12 | Bhadla II | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 763 | 774 |
| | 13 | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 758 | 782 |
| | 14 | Bikaner | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 762 | 774 |
| | 15 | Chittorgarh | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 764 | 778 |
| | 16 | Fatehgarh II | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 757 | 773 |
| | 17 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 752 | 770 |
| | 18 | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 753 | 777 |
| | 19 | Hapur | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 744 | 774 |
| | 20 | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 752 | 777 |
| | 21 | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 760 | 775 |
| | 22 | Khetri | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 755 | 779 |
| | 23 | Koteshwar | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 750 | 773 |
| | 24 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 746 | 759 |
| | 25 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 760 | 773 |
| | 26 | Mainpuri | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 753 | 772 |
| | 27 | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 751 | 777 |
| | 28 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 745 | 772 |
| | 29 | Orai | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 768 | 784 |
| | 30 | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 779 |
| | 31 | Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 756 | 766 |
| | 32 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 769 | 777 |
| | WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 766 |
| 2 | | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 756 | 775 |
| 3 | | Banaskantha | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 774 | 788 |
| 4 | | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 751 | 767 |
| 5 | | Bhuji | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 766 | 782 |
| 6 | | Bhuji II | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 766 | 777 |
| 7 | | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 763 | 770 |
| 8 | | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 756 | 771 |
| 9 | | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 776 | 784 |
| 10 | | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 769 | 774 |
| 11 | | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 754 | 771 |
| 12 | | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 759 | 773 |
| 13 | | Gadarwara | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 767 | 777 |
| 14 | | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 779 |
| 15 | | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 750 | 767 |
| 16 | | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 769 | 780 |
| 17 | | Khandwa PS | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 753 | 769 |
| 18 | | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 764 | 772 |
| 19 | | Lakadia | 0.00% | 98.75% | 1.25% | 1.25% | 802 | 777 | 791 |
| 20 | | New Parli | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 759 | 778 |
| 21 | | Padghe | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 749 | 777 |
| 22 | | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 747 | 778 |
| 23 | | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 777 | 783 |
| 24 | | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 775 | 782 |
| 25 | | Rajnandgaon | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 770 | 781 |
| 26 | | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 770 | 777 |
| 27 | | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 771 | 781 |
| 28 | | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 758 | 772 |
| 29 | | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 764 | 771 |
| 30 | | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 764 | 782 |
| 31 | | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 776 | 783 |
| 32 | | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 763 | 769 |
| 33 | | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 766 | 783 |
| 34 | | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 773 | 780 |
| 35 | | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 763 | 780 |
| 36 | | Warora | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 759 | 775 |
| SR | 1 | Chillakaluriapeta | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 749 | 768 |
| | 2 | Cuddapah | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 758 | 779 |
| | 3 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 753 | 772 |
| | 4 | Maheshwaram | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 765 | 783 |
| | 5 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 753 | 767 |
| | 6 | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 771 | 787 |
| | 7 | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 757 | 776 |
| | 8 | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 760 | 780 |
| | 9 | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 747 | 766 |
| | 10 | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 752 | 769 |
| ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 769 | 781 |
| | 2 | Darlipalli | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 775 | 780 |
| | 3 | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 762 | 772 |
| | 4 | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 780 | 789 |
| | 5 | Medinipur | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 759 | 767 |
| | 6 | New Jeerat | 0.00% | 100.00% | 0.00% | 0.00% | 763 | 745 | 754 |
| | 7 | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 774 | 781 |
| | 8 | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 755 | 766 |
| NER | 2 | Balipara | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 401 | 406 |
| | 3 | Biswanath Chariali | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 405 | 412 |
| | 4 | Bongaigaon | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 404 | 409 |
| | 5 | Bongaigaon TPS | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 407 | 412 |
| | 7 | Imphal | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 399 | 406 |
| | 8 | Kameng | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 400 | 406 |
| | 9 | Misa | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 399 | 406 |
| | 10 | New Kohima | 0.00% | 100.00% | 0.00% | 0.00% | 399 | 385 | 391 |
| 11 | New Maniani | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 399 | 406 | |
| 12 | Palatana | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 408 | |
| 13 | PK Bari | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 401 | 405 | |
| 14 | Ranganadi | 0.00% | 98.75% | 0.00% | 0.00% | 423 | 407 | 414 | |
| 15 | Silchar | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 403 | 409 | |
| 16 | Surajmani Nagar(Sterlite) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 400 | 404 | |

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