

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

Date of Reporting: **31-08-2023**
System Reliability Indices Report for: **30-08-2023**

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 30-08-2023

| 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% | 784 | 755 | 769 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 755 | 769 |
| | 3 | Ajmer | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 759 | 776 |
| | 4 | Aligarh | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 756 | 771 |
| | 5 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 761 | 766 |
| | 6 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 768 | 759 | 764 |
| | 7 | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 765 | 773 |
| | 8 | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 753 | 766 |
| | 9 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 761 | 767 |
| | 10 | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 753 | 769 |
| | 11 | Bhadla | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 753 | 772 |
| | 12 | Bhadla II | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 753 | 774 |
| | 13 | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 764 | 778 |
| | 14 | Bikaner | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 756 | 775 |
| | 15 | Chittorgarh | 0.00% | 99.51% | 0.49% | 0.49% | 802 | 766 | 782 |
| | 16 | Fatehgarh II | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 748 | 774 |
| | 17 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 761 | 772 |
| | 18 | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 756 | 772 |
| | 19 | Hapur | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 746 | 766 |
| | 20 | Jhatkara | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 756 | 772 |
| | 21 | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 757 | 772 |
| | 22 | Khetri | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 754 | 775 |
| | 23 | Koteshwar | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 753 | 777 |
| | 24 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 763 | 747 | 754 |
| | 25 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 753 | 767 |
| | 26 | Mainpuri | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 773 |
| | 27 | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 758 | 776 |
| | 28 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 754 | 772 |
| | 29 | Orai | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 771 | 781 |
| | 30 | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 759 | 776 |
| | 31 | Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 768 | 744 | 756 |
| | 32 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 767 | 777 |
| WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 761 | 777 |
| | 2 | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 758 | 779 |
| | 3 | Banaskantha | 0.00% | 98.61% | 1.39% | 1.39% | 801 | 779 | 790 |
| | 4 | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 771 |
| | 5 | Bhuj | 0.00% | 95.63% | 4.38% | 4.38% | 802 | 777 | 788 |
| | 6 | Bhuj II | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 776 | 784 |
| | 7 | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 771 | 778 |
| | 8 | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 768 | 776 |
| | 9 | Champa | 0.00% | 65.63% | 34.38% | 34.38% | 809 | 782 | 796 |
| | 10 | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 775 | 781 |
| | 11 | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 780 |
| | 12 | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 775 |
| | 13 | Gadarwara | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 778 | 786 |
| | 14 | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 779 |
| | 15 | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 762 | 775 |
| | 16 | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 781 | 790 |
| | 17 | Khandwa PS | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 764 | 777 |
| | 18 | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 759 | 769 |
| | 19 | Lakadia | 0.00% | 92.71% | 7.29% | 7.29% | 807 | 781 | 791 |
| | 20 | New Parli | 0.00% | 97.99% | 2.01% | 2.01% | 805 | 765 | 786 |
| | 21 | Padghe | 0.00% | 99.38% | 0.63% | 0.63% | 802 | 758 | 783 |
| | 22 | Pune | 0.00% | 99.24% | 0.76% | 0.76% | 803 | 749 | 780 |
| | 23 | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 782 | 791 |
| | 24 | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 781 | 790 |
| | 25 | Rajnandgaon | 0.00% | 95.35% | 4.65% | 4.65% | 802 | 784 | 792 |
| | 26 | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 774 | 780 |
| | 27 | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 779 | 784 |
| | 28 | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 767 | 779 |
| | 29 | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 774 | 780 |
| | 30 | Solapur | 0.00% | 96.81% | 3.19% | 3.19% | 805 | 766 | 787 |
| | 31 | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 781 | 790 |
| | 32 | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 760 | 768 |
| | 33 | Vadodara | 0.00% | 97.71% | 2.29% | 2.29% | 802 | 769 | 784 |
| | 34 | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 777 | 783 |
| | 35 | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 763 | 779 |
| | 36 | Warora | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 773 | 783 |
| SR | 1 | Chillakaluripeta | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 754 | 777 |
| | 2 | Cuddapah | 0.00% | 91.25% | 8.75% | 8.75% | 807 | 760 | 786 |
| | 3 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 751 | 775 |
| | 4 | Maheshwaram | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 750 | 773 |
| | 5 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 750 | 768 |
| | 6 | Nizamabad | 0.00% | 98.75% | 1.25% | 1.25% | 801 | 760 | 779 |
| | 7 | Raichur | 0.00% | 99.24% | 0.76% | 0.76% | 801 | 755 | 777 |
| | 9 | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 757 | 778 |
| | 10 | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 757 | 782 |
| | ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 760 |
| 2 | | Darlipalli | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 776 | 779 |
| 3 | | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 766 | 776 |
| 4 | | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 781 | 788 |
| 5 | | Medinipur | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 757 | 773 |
| 6 | | New Jeerat | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 749 | 769 |
| 7 | | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 772 | 783 |
| 8 | | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 756 | 765 |
| 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% | 406 | 398 | 402 |
| | 3 | Biswanath Chariali | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 402 | 407 |
| | 4 | Bongaigaon | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 403 | 405 |
| | 5 | Bongaigaon TPS | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 405 | 409 |
| | 6 | Bymahat/Killing | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 405 | 410 |
| | 7 | Imphal | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 397 | 403 |
| | 8 | Kameng | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 398 | 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% | 401 | 386 | 392 |
| | 11 | New Mariani | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 398 | 405 |
| | 12 | Palatana | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 403 | 406 |
| | 13 | PK Bari | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 399 | 403 |
| | 14 | Ranganadi | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 405 | 409 |
| | 15 | Silchar | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 399 | 405 |
| | 16 | Surajmani Nagar(Sterilite) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 399 | 403 |

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