

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

Date of Reporting: 21-07-2023
System Reliability Indices Report for: 20-07-2023

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 20-07-2023

| 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% | 781 | 744 | 763 |
| | 2 | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 744 | 763 |
| | 3 | Ajmer | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 759 | 777 |
| | 4 | Aligarh | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 748 | 767 |
| | 5 | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 754 | 761 |
| | 6 | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 751 | 759 |
| | 7 | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 776 | 787 |
| | 8 | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 744 | 763 |
| | 9 | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 759 | 767 |
| | 10 | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 743 | 762 |
| | 11 | Bhadla | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 748 | 776 |
| | 12 | Bhadla II | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 752 | 778 |
| | 13 | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 758 | 772 |
| | 14 | Bikaner | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 751 | 777 |
| | 15 | Chittorgarh | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 766 | 781 |
| | 16 | Fatehgarh II | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 745 | 777 |
| | 17 | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 758 | 775 |
| | 18 | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 746 | 767 |
| | 19 | Hapur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 737 | 763 |
| | 20 | Jhatkara | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 751 | 769 |
| | 21 | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 746 | 763 |
| | 22 | Khetri | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 749 | 775 |
| | 23 | Koteshwar | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 748 | 765 |
| | 24 | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 766 | 743 | 754 |
| | 25 | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 739 | 759 |
| | 26 | Mainpuri | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 751 | 770 |
| | 27 | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 750 | 771 |
| | 28 | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 750 | 770 |
| | 29 | Orai | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 760 | 777 |
| | 30 | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 760 | 777 |
| | 31 | Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 739 | 756 |
| | 32 | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 754 | 769 |
| WR | 1 | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 766 | 779 |
| | 2 | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 769 | 782 |
| | 3 | Banaskantha | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 772 | 784 |
| | 4 | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 755 | 766 |
| | 5 | Bhuj | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 768 | 778 |
| | 6 | Bhuj II | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 758 | 770 |
| | 7 | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 766 | 773 |
| | 8 | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 761 | 773 |
| | 9 | Champa | 0.00% | 71.39% | 28.61% | 28.61% | 805 | 769 | 791 |
| | 10 | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 764 | 772 |
| | 11 | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 766 | 777 |
| | 12 | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 765 | 778 |
| | 13 | Gadarwara | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 774 | 781 |
| | 14 | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 775 |
| | 15 | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 759 | 769 |
| | 16 | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 768 | 778 |
| | 17 | Khandwa PS | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 763 | 773 |
| | 18 | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 764 | 772 |
| | 19 | Lakadia | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 771 | 782 |
| | 20 | New Parli | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 776 | 788 |
| | 21 | Padghe | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 761 | 781 |
| | 22 | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 756 | 777 |
| | 23 | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 776 | 786 |
| | 24 | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 775 | 785 |
| | 25 | Rajnandgaon | 0.00% | 97.08% | 2.92% | 2.92% | 802 | 786 | 794 |
| | 26 | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 766 | 773 |
| | 27 | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 770 | 779 |
| | 28 | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 775 | 782 |
| | 29 | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 770 | 775 |
| | 30 | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 773 | 786 |
| | 31 | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 776 | 785 |
| | 32 | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 762 | 769 |
| | 33 | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 762 | 776 |
| | 34 | Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 769 | 777 |
| | 35 | Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 784 | 792 |
| | 36 | Warora | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 781 | 787 |
| SR | 1 | Chillakaluripeta | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 761 | 771 |
| | 2 | Cuddapah | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 768 | 784 |
| | 3 | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 763 | 778 |
| | 4 | Maheshwaram | 0.00% | 80.42% | 19.58% | 19.58% | 804 | 778 | 792 |
| | 5 | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 761 | 772 |
| | 6 | Nizamabad | 0.00% | 59.58% | 40.42% | 40.42% | 810 | 790 | 799 |
| | 7 | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 765 | 780 |
| | 8 | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 779 | 789 |
| | 9 | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 761 | 775 |
| | 10 | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 773 | 781 |
| ER | 1 | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 770 | 779 |
| | 2 | Darlipalli | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 778 | 782 |
| | 3 | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 746 | 759 |
| | 4 | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 781 | 790 |
| | 5 | Medininpur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 747 | 765 |
| | 6 | New Jeerat | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 745 | 764 |
| | 7 | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 764 | 777 |
| | 8 | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 754 | 764 |
| NER | 1 | Azara/Mirza | 0.00% | 100.00% | 0.00% | 0.00% | 406 | 399 | 402 |
| | 2 | Balipara | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 397 | 403 |
| | 3 | Biswanath Chariali | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 402 | 408 |
| | 4 | Bongaigaon | 0.00% | 100.00% | 0.00% | 0.00% | 407 | 400 | 403 |
| | 5 | Bongaigaon TPS | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 403 | 407 |
| | 6 | Bymihat/killing | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 400 | 409 |
| | 7 | Imphal | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 398 | 404 |
| | 8 | Kameng | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 396 | 402 |
| | 9 | Misa | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 396 | 402 |
| | 10 | New Kohima | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 399 | 405 |
| | 11 | New Mariani | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 398 | 404 |
| | 12 | Palatana | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 404 | 407 |
| | 13 | PK Bari | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 400 | 405 |
| | 14 | Ranganadi | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 407 | 411 |
| | 15 | Silchar | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 400 | 405 |
| | 16 | Surajmani Nagar(Sterilite) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 400 | 405 |

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