

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 19-Dec-20
System Reliability Indices Report for: 18-Dec-20

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 18-Dec-2020

| Region | 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 | Agra | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 750 | 780 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 761 | 772 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 759 | 778 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 749 | 761 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 763 | 769 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 746 | 779 |
| | Bareilly | 0.00% | 90.97% | 9.03% | 9.03% | 805 | 746 | 784 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 742 | 765 |
| | Greater Noida | 0.00% | 94.65% | 5.35% | 5.35% | 804 | 747 | 786 |
| | Jhatkara | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 744 | 780 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 748 | 771 |
| | Lucknow | 0.00% | 99.86% | 0.14% | 0.14% | 800 | 749 | 782 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 764 | 781 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 746 | 780 |
| | Moqa | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 748 | 768 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 778 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 752 | 776 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 767 | 780 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 780 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 754 | 772 |
| | Bitaspur | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 771 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 759 | 782 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 768 | 783 |
| | Dharamjajgarh | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 771 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 767 | 778 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 767 | 779 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 757 | 783 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 755 | 772 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 764 | 784 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 759 | 768 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 762 | 778 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 772 | 782 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 761 | 775 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 761 | 782 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 760 | 776 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 763 | 772 |
| | Solapur | 0.00% | 97.01% | 2.99% | 2.99% | 803 | 761 | 787 |
| Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 775 | 784 | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 757 | 765 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 780 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 780 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 783 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 752 | 778 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 749 | 772 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 752 | 780 |
| | Nizamabad | 0.00% | 94.62% | 5.38% | 5.38% | 802 | 766 | 786 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 757 | 779 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 757 | 779 |
| ER | Vemagiri | 0.00% | 94.12% | 5.88% | 5.88% | 801 | 761 | 783 |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 753 | 770 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 749 | 771 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 774 | 784 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 759 | 775 |
| NER | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 741 | 762 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 398 | 409 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 400 | 410 |
| | Bymihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 405 | 405 | 405 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 411 | 414 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 385 | 401 |
| | Ranganadi (400 kV) | 0.00% | 99.65% | 0.35% | 0.35% | 427 | 385 | 408 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 385 | 403 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 409 | |

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