

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
12-Nov-2018 to 18-Nov-2018

Date: 20-Nov-2018

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 | ER-NER | 0 | 0.00 | 0.00 |

Percentage(%) of times (N-1) Criteria 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 |
| 4 | ER-NER | 0 | 0.00 | 0.00 |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the week from 12-Nov-2018 to 18-Nov-2018

| 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% | 99.96% | 0.00% | 0.00% | 800 | 764 | 784 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 758 | 764 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 757 | 762 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 744 | 782 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 752 | 770 |
| | Bhiwani | 0.00% | 90.76% | 9.24% | 9.24% | 809 | 770 | 790 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 759 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 745 | 760 |
| | Greater Noida | 0.00% | 84.44% | 15.56% | 15.56% | 809 | 777 | 793 |
| | Jhatikara | 0.00% | 92.33% | 7.60% | 7.60% | 809 | 773 | 789 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 759 | 777 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 739 | 759 |
| | Meerut | 0.00% | 91.63% | 6.54% | 6.54% | 814 | 768 | 790 |
| | Moga | 0.00% | 99.92% | 0.08% | 0.08% | 801 | 753 | 777 |
| | Phagi | 0.00% | 99.38% | 0.63% | 0.63% | 802 | 750 | 784 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 761 | 775 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 775 |
| | Aurangabad | 0.00% | 99.75% | 0.25% | 0.25% | 803 | 764 | 784 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 751 | 773 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 762 | 770 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 764 | 779 |
| | Champa | 0.00% | 93.20% | 2.94% | 2.94% | 804 | 785 | 795 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 770 | 780 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 748 | 778 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 747 | 774 |
| | Gwalior | 0.00% | 99.99% | 0.01% | 0.01% | 800 | 731 | 784 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 750 | 773 |
| | Jabalpur | 0.00% | 98.70% | 1.30% | 1.30% | 805 | 772 | 787 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 753 | 765 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 753 | 782 |
| | Raigarh Pooling | 0.00% | 99.34% | 0.66% | 0.66% | 801 | 783 | 794 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 779 | 789 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 758 | 764 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 755 | 768 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 767 | 783 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 761 | 769 |
| Solapur | 0.00% | 91.35% | 8.65% | 8.65% | 805 | 771 | 791 | |
| Tamnar | 0.00% | 97.71% | 2.29% | 2.29% | 802 | 785 | 795 | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 750 | 760 | |
| Vadodara | 0.00% | 99.96% | 0.04% | 0.04% | 801 | 764 | 781 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 760 | 765 | |
| Wardha | 0.00% | 98.97% | 1.03% | 1.03% | 804 | 770 | 789 | |
| SR | Kurnool | 0.00% | 99.93% | 0.07% | 0.07% | 802 | 762 | 781 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 764 | 780 |
| | Raichur | 0.00% | 99.97% | 0.03% | 0.03% | 801 | 764 | 783 |
| | Nizamabad | 0.00% | 74.50% | 25.50% | 25.50% | 811 | 765 | 794 |
| | Srikakulam | 0.00% | 99.87% | 0.13% | 0.13% | 801 | 773 | 788 |
| | Thiruvallam | 0.00% | 96.23% | 3.77% | 3.77% | 809 | 765 | 786 |
| Vemagiri | 0.00% | 97.36% | 2.64% | 2.64% | 802 | 772 | 788 | |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 761 | 773 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 753 | 769 |
| | Jharsuguda | 0.00% | 95.11% | 4.89% | 4.89% | 804 | 779 | 792 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 765 | 779 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 737 | 752 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 400 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 395 | 407 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 394 | 405 |
| | Bongaigaon TPS (400 kV) | 0.00% | 99.97% | 0.03% | 0.03% | 420 | 401 | 412 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 400 | 407 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 408 | 405 |
| | Misa (400 kV) | 0.00% | 96.59% | 3.41% | 3.41% | 423 | 399 | 412 |
| | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 410 | 410 |
| | Biswanath Chariali (400 kV) | 0.01% | 99.99% | 0.00% | 0.01% | 419 | 376 | 406 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 397 | 406 |

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