

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

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

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

| 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 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 19-Dec-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% | 100.00% | 0.00% | 0.00% | 797 | 759 | 784 |
| | Agra (Fatehabad) | 0.00% | 95.75% | 4.25% | 4.25% | 807 | 744 | 776 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 764 | 768 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 763 | 767 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 777 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 760 | 771 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 760 | 786 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 745 | 767 |
| | Greater Noida | 0.00% | 89.68% | 10.32% | 10.32% | 805 | 766 | 788 |
| | Jhatikara | 0.00% | 99.58% | 0.42% | 0.42% | 803 | 757 | 783 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 761 | 777 |
| | Lalitpur | 8.44% | 78.59% | 12.97% | 21.41% | 808 | 722 | 762 |
| | Meerut | 0.00% | 99.79% | 0.07% | 0.07% | 801 | 757 | 780 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 746 | 764 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 750 | 778 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 763 | 776 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 778 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 760 | 784 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 752 | 773 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 762 | 771 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 757 | 779 |
| | Champa | 0.00% | 80.33% | 14.50% | 14.50% | 804 | 784 | 796 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 771 | 781 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 777 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 756 | 777 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 751 | 780 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 753 | 774 |
| | Jabalpur | 0.00% | 99.09% | 0.91% | 0.91% | 801 | 765 | 785 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 756 | 768 |
| | Pune | 0.00% | 96.65% | 0.00% | 0.00% | 800 | 737 | 779 |
| | Raigarh Pooling | 0.00% | 98.61% | 1.39% | 1.39% | 800 | 783 | 793 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 751 | 761 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 748 | 768 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 766 | 781 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 762 | 769 |
| | Solapur | 0.00% | 82.22% | 17.78% | 17.78% | 809 | 761 | 793 |
| | Tamnar | 0.00% | 92.68% | 7.32% | 7.32% | 802 | 785 | 795 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 753 | 762 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 762 | 782 |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 753 | 762 | |
| Wardha | 0.00% | 99.79% | 0.21% | 0.21% | 800 | 770 | 788 | |
| SR | Kurnool | 0.00% | 97.21% | 2.79% | 2.79% | 805 | 759 | 786 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 756 | 780 |
| | Raichur | 0.00% | 99.30% | 0.70% | 0.70% | 802 | 760 | 786 |
| | Nizamabad | 0.00% | 83.09% | 16.91% | 16.91% | 807 | 775 | 793 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 774 | 783 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 765 | 785 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 754 | 764 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 777 | 785 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 758 | 770 |
| | Jharsuguda | 0.00% | 94.77% | 5.23% | 5.23% | 805 | 783 | 793 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 770 | 779 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 736 | 754 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 402 | 406 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 402 | 411 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 396 | 403 |
| | Byrnhat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 402 | 406 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 407 | 405 |
| | Misa (400 kV) | 0.00% | 97.21% | 2.79% | 2.79% | 424 | 406 | 415 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 401 | 411 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 394 | 404 |

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