

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **10-Dec-18**
System Reliability Indices Report for: **9-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 09-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% | 98.54% | 0.56% | 0.56% | 801 | 769 | 785 |
| | Agra (Fatehabad) | 0.00% | 92.99% | 7.01% | 7.01% | 812 | 749 | 776 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 765 | 768 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 764 | 767 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 767 | 780 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 754 | 770 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 784 | 787 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 759 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 754 | 774 |
| | Greater Noida | 0.00% | 59.72% | 40.28% | 40.28% | 809 | 781 | 796 |
| | Jhatikara | 0.00% | 91.46% | 8.54% | 8.54% | 804 | 775 | 791 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 763 | 780 |
| | Lalitpur | 0.00% | 99.79% | 0.21% | 0.21% | 801 | 729 | 761 |
| | Meerut | 0.00% | 89.03% | 5.90% | 5.90% | 808 | 768 | 790 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 762 | 778 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 773 | 773 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 772 | 781 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 748 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 758 | 774 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 768 | 781 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 760 | 774 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 761 | 769 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 767 | 780 |
| | Champa | 0.00% | 99.44% | 0.07% | 0.07% | 801 | 787 | 795 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 772 | 779 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 761 | 776 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 777 | 777 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 768 | 784 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 760 | 774 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 772 | 784 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 753 | 765 |
| | Pune | 0.00% | 99.58% | 0.00% | 0.00% | 800 | 761 | 784 |
| | Raigarh Pooling | 0.00% | 97.92% | 2.08% | 2.08% | 801 | 789 | 796 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 759 | 764 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 763 | 770 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 767 | 781 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 762 | 768 |
| | Solapur | 0.00% | 75.35% | 24.65% | 24.65% | 805 | 776 | 792 |
| | Tamnar | 0.00% | 96.67% | 3.33% | 3.33% | 801 | 790 | 797 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 768 | 751 | 760 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 772 | 784 |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 760 | 765 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 768 | 784 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 769 | 781 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 764 | 770 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 769 | 784 |
| | Nizamabad | 0.00% | 93.19% | 6.81% | 6.81% | 805 | 769 | 790 |
| | Srikakulam | 0.00% | 72.01% | 27.99% | 27.99% | 804 | 786 | 797 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 773 | 786 |
| ER | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 779 | 791 |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 779 | 787 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 762 | 772 |
| | Jharsuguda | 0.00% | 98.13% | 1.88% | 1.88% | 802 | 786 | 794 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 772 | 779 |
| NER | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 753 | 766 |
| | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 401 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 396 | 411 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 394 | 405 |
| | Byrnhat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 401 | 407 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 409 | 405 |
| | Misa (400 kV) | 0.00% | 94.72% | 5.28% | 5.28% | 422 | 399 | 415 |
| | Biswanath Chariali (400 kV) | 0.00% | 99.93% | 0.00% | 0.00% | 420 | 394 | 409 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 399 | 407 |

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