

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **11-Jan-19**
System Reliability Indices Report for: **10-Jan-19**

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 10-Jan-2019

| 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 | 769 | 785 |
| | Agra (Fatehabad) | 0.00% | 82.50% | 17.50% | 17.50% | 805 | 772 | 790 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 765 | 769 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 766 | 768 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 767 | 780 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 760 | 771 |
| | Bhiwani | 0.00% | 99.79% | 0.21% | 0.21% | 802 | 773 | 790 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 754 | 769 |
| | Greater Noida | 0.00% | 94.17% | 5.83% | 5.83% | 804 | 774 | 791 |
| | Jhatikara | 0.00% | 98.89% | 1.11% | 1.11% | 802 | 770 | 788 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 778 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 766 | 779 |
| | Meerut | 0.00% | 98.54% | 0.97% | 0.97% | 803 | 772 | 787 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 765 | 778 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 765 | 784 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 768 | 777 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 761 | 775 |
| | Aurangabad | 0.00% | 95.69% | 4.31% | 4.31% | 805 | 768 | 791 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 753 | 776 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 766 | 774 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 773 | 784 |
| | Champa | 0.00% | 88.82% | 11.18% | 11.18% | 804 | 785 | 793 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 771 | 779 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 759 | 782 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 761 | 774 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 767 | 785 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 752 | 775 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 783 | 794 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 761 | 765 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 746 | 769 |
| | Raigarh Pooling | 0.00% | 95.76% | 4.24% | 4.24% | 801 | 781 | 790 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 770 | 777 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 782 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 773 | 785 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 766 | 772 |
| | Solapur | 0.00% | 95.76% | 4.24% | 4.24% | 805 | 766 | 791 |
| | Tamnar | 0.00% | 94.65% | 5.35% | 5.35% | 802 | 782 | 791 |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 753 | 761 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 774 | 787 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 771 | 778 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 780 | 791 | |
| SR | Kurnool | 0.00% | 99.51% | 0.49% | 0.49% | 801 | 747 | 780 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 761 | 768 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 752 | 781 |
| | Nizamabad | 0.00% | 91.10% | 8.90% | 8.90% | 807 | 767 | 792 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 765 | 781 |
| | Thiruvallam | 0.00% | 81.11% | 18.89% | 18.89% | 810 | 752 | 790 |
| ER | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 749 | 766 |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 769 | 781 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 760 | 768 |
| | Jharsuguda | 0.00% | 95.21% | 4.79% | 4.79% | 802 | 781 | 791 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 770 | 778 |
| NER | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 749 | 760 |
| | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 402 | 406 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 392 | 404 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 394 | 402 |
| | Byrnhat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 402 | 406 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 409 | 405 |
| | Misa (400 kV) | 0.00% | 98.61% | 1.39% | 1.39% | 420 | 398 | 409 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 390 | 403 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 398 | 404 |

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