

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 22-Jan-19
System Reliability Indices Report for: 21-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 21-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% | 798 | 769 | 786 |
| | Agra (Fatehabad) | 0.00% | 99.65% | 0.35% | 0.35% | 800 | 753 | 778 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 764 | 769 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 761 | 767 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 767 | 783 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 762 | 776 |
| | Bhiwani | 0.00% | 92.50% | 7.50% | 7.50% | 804 | 777 | 793 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 743 | 769 |
| | Greater Noida | 0.00% | 80.00% | 20.00% | 20.00% | 808 | 783 | 790 |
| | Jhatikara | 0.00% | 92.43% | 7.57% | 7.57% | 805 | 771 | 791 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 759 | 754 | 758 |
| | Lucknow | 0.00% | 97.43% | 2.57% | 2.57% | 801 | 768 | 786 |
| | Lalitpur | 0.00% | 97.43% | 0.00% | 0.00% | 773 | 733 | 754 |
| | Meerut | 0.00% | 81.46% | 15.07% | 15.07% | 808 | 772 | 793 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 765 | 780 |
| | Phagi | 0.00% | 99.17% | 0.83% | 0.83% | 800 | 760 | 786 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 766 | 780 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 754 | 780 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 759 | 785 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 759 | 778 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 768 | 776 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 772 | 785 |
| | Champa | 0.00% | 59.65% | 36.67% | 36.67% | 807 | 787 | 798 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 774 | 784 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 748 | 781 |
| | Gwalior | 0.00% | 99.24% | 0.76% | 0.76% | 802 | 770 | 787 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 776 |
| | Jabalpur | 0.00% | 99.24% | 0.76% | 0.76% | 801 | 775 | 788 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 751 | 768 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 738 | 775 |
| | Raigarh Pooling | 0.00% | 75.00% | 25.00% | 25.00% | 805 | 785 | 796 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 768 | 775 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 782 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 767 | 784 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 767 | 775 |
| | Solapur | 0.00% | 88.89% | 11.11% | 11.11% | 805 | 754 | 793 |
| | Tamnar | 0.00% | 74.44% | 25.56% | 25.56% | 804 | 787 | 796 |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 751 | 763 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 770 | 785 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 769 | 776 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 764 | 788 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 747 | 778 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 761 | 768 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 749 | 781 |
| | Nizamabad | 0.00% | 96.80% | 3.20% | 3.20% | 805 | 756 | 790 |
| | Srikakulam | 0.00% | 99.93% | 0.07% | 0.07% | 800 | 774 | 789 |
| | Thiruvalam | 0.00% | 76.53% | 23.47% | 23.47% | 811 | 766 | 790 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 755 | 773 |
| ER | Angul | 0.00% | 99.65% | 0.35% | 0.35% | 806 | 775 | 786 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 759 | 773 |
| | Jharsuguda | 0.00% | 72.15% | 27.85% | 27.85% | 812 | 785 | 796 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 765 | 779 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 741 | 760 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 402 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 400 | 410 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 396 | 406 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 402 | 407 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 407 | 405 |
| | Misa (400 kV) | 0.00% | 83.40% | 16.60% | 16.60% | 422 | 405 | 414 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 397 | 409 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 407 | 392 | 401 |

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