

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 15-Mar-19
System Reliability Indices Report for: 14-Mar-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 | 1 | 0.25 | 1.04 |
| 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 14-Mar-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% | 99.93% | 0.00% | 0.00% | 800 | 767 | 784 |
| | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 763 | 781 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 759 | 762 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 758 | 761 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 773 | 785 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 776 | 776 |
| | Bhiwani | 0.00% | 83.26% | 16.74% | 16.74% | 814 | 774 | 793 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 748 | 763 |
| | Greater Noida | 0.00% | 92.15% | 7.85% | 7.85% | 812 | 784 | 795 |
| | Jhatikara | 0.00% | 96.18% | 3.82% | 3.82% | 810 | 769 | 790 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 765 | 780 |
| | Lalitpur | 0.00% | 66.60% | 0.00% | 0.00% | 786 | 786 | 523 |
| | Meerut | 0.00% | 94.31% | 3.96% | 3.96% | 816 | 756 | 785 |
| | Moga | 0.00% | 99.03% | 0.97% | 0.97% | 807 | 757 | 775 |
| | Phagi | 0.00% | 94.63% | 5.37% | 5.37% | 802 | 774 | 789 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 772 | 776 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 766 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 764 | 775 |
| | Aurangabad | 0.00% | 99.24% | 0.76% | 0.76% | 802 | 772 | 788 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 765 | 776 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 765 | 771 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 774 | 784 |
| | Champa | 0.00% | 75.83% | 15.28% | 15.28% | 806 | 788 | 798 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 773 | 783 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 770 | 783 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 766 | 776 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 777 | 789 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 758 | 764 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 750 | 768 |
| | Raigarh Pooling | 0.00% | 86.88% | 13.13% | 13.13% | 804 | 789 | 797 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 764 | 770 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 768 | 778 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 769 | 780 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 765 | 771 |
| | Solapur | 0.00% | 97.36% | 2.64% | 2.64% | 804 | 777 | 791 |
| | Tamnar | 0.00% | 77.08% | 22.92% | 22.92% | 804 | 791 | 798 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 764 | 755 | 760 |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 773 | 784 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 773 | 771 | |
| Wardha | 0.00% | 97.57% | 2.43% | 2.43% | 796 | 773 | 791 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 768 | 782 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 767 | 778 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 771 | 783 |
| | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 782 | 790 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 770 | 776 |
| | Thiruvallam | 0.00% | 57.71% | 42.29% | 42.29% | 808 | 782 | 797 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 765 | 755 | 761 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 770 | 776 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 756 | 769 |
| | Jharsuguda | 0.00% | 99.79% | 0.21% | 0.21% | 800 | 782 | 793 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 773 | 781 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 750 | 761 |
| 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% | 420 | 401 | 409 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 395 | 404 |
| | 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% | 411 | 404 | 405 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 413 | 415 |
| | Biswanath Chariali (400 kV) | 0.00% | 99.03% | 0.63% | 0.63% | 421 | 398 | 410 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 395 | 404 |

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