

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

Date of Reporting: 14-Mar-19
System Reliability Indices Report for: 13-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 | 7 | 1.75 | 7.29 |
| 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 13-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% | 100.00% | 0.00% | 0.00% | 799 | 768 | 783 |
| | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 764 | 777 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 766 | 758 | 761 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 764 | 758 | 760 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 781 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 776 | 776 |
| | Bhiwani | 0.00% | 96.60% | 3.40% | 3.40% | 806 | 778 | 790 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 751 | 768 |
| | Greater Noida | 0.00% | 98.40% | 1.60% | 1.60% | 803 | 779 | 792 |
| | Jhatikara | 0.00% | 98.68% | 1.32% | 1.32% | 804 | 774 | 787 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 768 | 777 |
| | Lalitpur | 0.00% | 65.69% | 0.00% | 0.00% | 786 | 786 | 516 |
| | Meerut | 0.00% | 93.82% | 4.24% | 4.24% | 808 | 764 | 784 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 759 | 777 |
| | Phagi | 0.00% | 99.44% | 0.56% | 0.56% | 803 | 771 | 785 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 766 | 775 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 762 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 753 | 771 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 767 | 780 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 756 | 771 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 766 | 770 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 772 | 781 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 786 | 792 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 771 | 777 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 771 | 784 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 755 | 771 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 783 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 768 | 751 | 762 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 738 | 763 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 788 | 793 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 767 | 772 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 769 | 777 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 765 | 775 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 765 | 770 |
| | Solapur | 0.00% | 92.15% | 7.85% | 7.85% | 802 | 773 | 788 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 790 | 794 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 763 | 750 | 758 |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 782 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 773 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 783 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 762 | 780 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 772 | 783 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 781 |
| | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 775 | 785 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 764 | 773 |
| | Thiruvallam | 0.00% | 71.60% | 28.40% | 28.40% | 812 | 782 | 796 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 765 | 750 | 760 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 767 | 774 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 760 | 767 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 781 | 788 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 772 | 778 |
| Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 748 | 761 | |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 405 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 398 | 408 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 399 | 404 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 405 | 407 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 405 |
| | Misa (400 kV) | 0.00% | 97.57% | 2.43% | 2.43% | 421 | 401 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 99.31% | 0.00% | 0.00% | 420 | 396 | 408 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 395 | 404 | |

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