

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

**Date of Reporting: 11-Nov-17
System Reliability Indices Report for: 10-Nov-17**

Percentage (%) of times ATC was violated

| | | | | |
|---|--------------|---|------|------|
| 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 |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 10-Nov-2017

| 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% | 792 | 768 | 780 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 767 | 771 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 765 | 769 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 768 | 780 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 766 | 778 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 759 | 763 | 769 |
| | Bhiwani | 0.00% | 87.50% | 12.50% | 12.50% | 805 | 775 | 790 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 755 | 766 |
| | Greater Noida | 0.00% | 97.08% | 2.92% | 2.92% | 801 | 776 | 791 |
| | Jhatikara | 0.00% | 93.06% | 6.94% | 6.94% | 804 | 775 | 791 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 751 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 773 | 784 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 754 | 774 |
| | Meerut | 0.00% | 77.57% | 17.08% | 17.08% | 808 | 777 | 795 |
| | Moga | 0.00% | 92.57% | 7.43% | 7.43% | 804 | 765 | 787 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 767 | 781 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 771 | 781 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 756 | 774 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 761 | 779 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 755 | 766 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 757 | 764 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 761 | 771 |
| | Champa | 0.00% | 74.93% | 17.85% | 17.85% | 808 | 788 | 797 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 769 | 774 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 763 | 776 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 766 | 777 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 757 | 770 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 767 | 776 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 756 | 767 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 747 | 771 |
| | Raigarh Pooling | 0.00% | 85.56% | 14.44% | 14.44% | 806 | 789 | 797 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 777 | 789 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 765 | 755 | 759 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 759 | 774 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 758 | 763 |
| | Solapur | 0.00% | 94.72% | 5.28% | 5.28% | 805 | 771 | 787 |
| | Tamnar | 0.00% | 80.69% | 19.31% | 19.31% | 806 | 791 | 798 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 756 | 764 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 777 |
| | Kurnool | 0.00% | 99.30% | 0.70% | 0.70% | 802 | 770 | 786 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 773 | 784 |
| Raichur | 0.00% | 99.17% | 0.83% | 0.83% | 802 | 774 | 787 | |
| SR | Nizamabad | 0.00% | 91.39% | 8.61% | 8.61% | 808 | 768 | 790 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 778 | 787 |
| | Thiruvallam | 0.00% | 57.29% | 42.71% | 42.71% | 811 | 787 | 799 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 771 | 782 |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 773 | 781 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 765 | 776 |
| ER | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 780 | 787 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 776 | 784 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 765 | 775 |
| | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 403 | 408 |
| NER | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 395 | 406 |
| | Bongaigaon TPS (400 kV) | 0.00% | 96.11% | 3.89% | 3.89% | 421 | 403 | 415 |
| | Byrnhat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 403 | 408 |
| | Palatana (400 kV) | 0.00% | 91.60% | 6.32% | 6.32% | 421 | 414 | 405 |
| | Misa (400 kV) | 0.00% | 96.94% | 3.06% | 3.06% | 423 | 399 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 99.72% | 0.00% | 0.00% | 420 | 396 | 407 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 401 | 411 |

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