

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **3-Mar-18**
System Reliability Indices Report for: **2-Mar-18**

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 |

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 02-Mar-2018

| 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% | 794 | 764 | 781 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 765 | 768 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 764 | 767 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 775 | 786 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 761 | 770 |
| | Bhiwani | 0.00% | 78.89% | 21.11% | 21.11% | 805 | 781 | 792 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 735 | 756 |
| | Greater Noida | 0.00% | 65.76% | 34.24% | 34.24% | 810 | 782 | 797 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 769 | 782 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 757 | 779 |
| | Meerut | 0.00% | 73.33% | 23.06% | 23.06% | 808 | 779 | 795 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 763 | 780 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 761 | 788 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 764 | 775 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 763 | 773 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 768 | 781 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 757 | 771 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 760 | 768 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 765 | 777 |
| | Champa | 0.00% | 99.03% | 0.49% | 0.49% | 801 | 774 | 786 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 765 | 774 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 752 | 768 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 767 | 782 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 759 | 773 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 760 | 768 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 743 | 760 |
| | Raigarh Pooling | 0.00% | 95.14% | 4.86% | 4.86% | 804 | 783 | 791 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 775 | 784 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 761 | 767 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 768 | 781 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 759 | 766 |
| | Solapur | 0.00% | 96.39% | 3.61% | 3.61% | 803 | 766 | 781 |
| | Tamnar | 0.00% | 95.63% | 4.38% | 4.38% | 803 | 783 | 791 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 759 | 764 |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 774 | 786 | |
| Kurnool | 0.00% | 78.75% | 21.25% | 21.25% | 810 | 756 | 781 | |
| Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 761 | 777 | |
| Raichur | 0.00% | 90.76% | 9.24% | 9.24% | 807 | 761 | 780 | |
| Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 773 | 784 | |
| Thiruvalam | 0.00% | 76.39% | 23.61% | 23.61% | 816 | 768 | 790 | |
| Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 766 | 779 | |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 773 | 782 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 756 | 767 |
| NER | Jharsuguda | 0.00% | 99.93% | 0.07% | 0.07% | 800 | 782 | 792 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 772 | 782 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 401 | 411 |
| | Bongaigaon TPS (400 kV) | 0.00% | 99.65% | 0.35% | 0.35% | 420 | 406 | 415 |
| | Palatana (400 kV) | 0.00% | 43.68% | 53.13% | 53.13% | 422 | 417 | 405 |
| | Misa (400 kV) | 0.00% | 92.29% | 7.71% | 7.71% | 421 | 407 | 415 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 401 | 409 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 410 | 416 | |

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