

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
13-May-2019 to 19-May-2019

Date: 24-May-2019

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 | 4 | 1.00 | 0.60 |
| 5 | ER-NER | 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 | ER-NER | 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 week from 13-May-2019 to 19-May-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% | 99.95% | 0.05% | 0.05% | 802 | 755 | 783 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 766 | 773 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 762 | 770 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 765 | 785 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 754 | 774 |
| | Bhiwani | 0.00% | 96.57% | 3.43% | 3.43% | 806 | 767 | 784 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 759 | 760 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 744 | 766 |
| | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 767 | 789 |
| | Jhatikara | 0.00% | 99.60% | 0.40% | 0.40% | 802 | 754 | 779 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 756 | 774 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 756 | 776 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 764 | 776 |
| | Meerut | 0.00% | 98.14% | 1.86% | 1.86% | 807 | 760 | 782 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 747 | 772 |
| | Phagi | 0.00% | 98.60% | 1.40% | 1.40% | 803 | 765 | 785 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 759 | 775 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 737 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 764 | 775 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 769 | 787 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 779 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 782 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 775 | 787 |
| | Champa | 0.00% | 81.11% | 18.89% | 18.89% | 807 | 784 | 796 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 772 | 785 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 781 | 781 |
| | Gwalior | 0.00% | 98.87% | 1.13% | 1.13% | 801 | 769 | 786 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 766 | 778 |
| | Jabalpur | 0.00% | 97.27% | 2.73% | 2.73% | 803 | 778 | 792 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 757 | 765 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 752 | 777 |
| | Raigarh Pooling | 0.00% | 88.52% | 11.48% | 11.48% | 805 | 784 | 796 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 772 | 785 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 765 | 774 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 781 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 779 | 790 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 774 | 780 |
| | Solapur | 0.00% | 88.05% | 11.95% | 11.95% | 807 | 772 | 793 |
| | Tamnar | 0.00% | 78.07% | 21.93% | 21.93% | 806 | 787 | 797 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 756 | 761 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 767 | 784 |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 767 | 776 | |
| Wardha | 0.00% | 97.95% | 2.05% | 2.05% | 796 | 767 | 791 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 749 | 778 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 749 | 774 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 756 | 781 |
| | Nizamabad | 0.00% | 66.97% | 33.03% | 33.03% | 814 | 776 | 798 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 765 | 779 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 765 | 779 |
| Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 740 | 762 | |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 767 | 779 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 744 | 763 |
| | Jharsuguda | 0.00% | 89.84% | 10.16% | 10.16% | 807 | 782 | 795 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 768 | 781 |
| Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 741 | 757 | |
| 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% | 414 | 386 | 402 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 392 | 402 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 399 | 408 |
| | 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% | 419 | 410 | 414 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 395 | 406 |
| | Ranganadi (400 kV) | 0.00% | 89.34% | 10.66% | 10.66% | 425 | 401 | 412 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 391 | 403 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 398 | 407 |

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