

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

**System Reliability Indices Report for the week from
13-Nov-2017 to 19-Nov-2017**

Date: 23-Nov-2017

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 | 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-Nov-2017 to 19-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% | 99.98% | 0.00% | 0.00% | 800 | 747 | 780 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 758 | 770 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 759 | 769 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 766 | 783 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 763 | 777 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 759 | 763 | 769 |
| | Bhiwani | 0.00% | 86.69% | 13.31% | 13.31% | 811 | 769 | 793 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 752 | 758 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 742 | 760 |
| | Greater Noida | 0.00% | 88.04% | 11.96% | 11.96% | 811 | 774 | 793 |
| | Jhatikara | 0.00% | 91.65% | 8.35% | 8.35% | 809 | 769 | 791 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 754 | 758 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 767 | 784 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 771 | 781 |
| | Meerut | 0.00% | 80.79% | 15.67% | 15.67% | 818 | 771 | 794 |
| | Moga | 0.00% | 97.38% | 2.62% | 2.62% | 805 | 753 | 785 |
| | Phagi | 0.00% | 99.91% | 0.09% | 0.09% | 802 | 747 | 784 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 766 | 779 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 774 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 753 | 777 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 749 | 770 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 753 | 765 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 754 | 774 |
| | Champa | 0.00% | 76.72% | 18.19% | 18.19% | 823 | 781 | 797 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 764 | 774 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 749 | 778 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 750 | 776 |
| | Gwalior | 0.00% | 99.95% | 0.05% | 0.05% | 801 | 759 | 779 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 744 | 773 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 761 | 779 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 754 | 768 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 736 | 769 |
| | Raigarh Pooling | 0.00% | 81.50% | 18.50% | 18.50% | 813 | 784 | 797 |
| | Raipur Pooling | 0.00% | 99.05% | 0.95% | 0.95% | 809 | 776 | 790 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 754 | 762 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 753 | 767 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 754 | 775 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 754 | 764 |
| | Solapur | 0.00% | 98.36% | 1.64% | 1.64% | 807 | 760 | 787 |
| Tamnar | 0.00% | 75.45% | 24.55% | 24.55% | 813 | 786 | 798 | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 754 | 765 | |
| Vadodara | 0.00% | 99.98% | 0.02% | 0.02% | 800 | 760 | 781 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 756 | 764 | |
| Wardha | 0.00% | 99.34% | 0.66% | 0.66% | 804 | 759 | 785 | |
| SR | Kurnool | 0.00% | 99.39% | 0.61% | 0.61% | 805 | 761 | 786 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 767 | 785 |
| | Raichur | 0.00% | 99.67% | 0.33% | 0.33% | 803 | 764 | 786 |
| | Nizamabad | 0.00% | 95.14% | 4.86% | 4.86% | 809 | 759 | 786 |
| | Srikakulam | 0.00% | 97.96% | 2.04% | 2.04% | 805 | 781 | 793 |
| | Thiruvallam | 0.00% | 53.29% | 46.71% | 46.71% | 815 | 776 | 799 |
| | Vemagiri | 0.00% | 99.61% | 0.39% | 0.39% | 806 | 772 | 788 |
| ER | Angul | 0.00% | 99.83% | 0.17% | 0.17% | 802 | 779 | 788 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 764 | 776 |
| | Jharsuguda | 0.00% | 99.90% | 0.10% | 0.10% | 800 | 774 | 789 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 778 | 788 |
| | Sasaram | 0.00% | 99.98% | 0.02% | 0.02% | 800 | 730 | 757 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 404 | 409 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 409 | 410 |
| | Bongaigaon (400 kV) | 0.00% | 99.86% | 0.14% | 0.14% | 420 | 398 | 412 |
| | Bongaigaon TPS (400 kV) | 0.00% | 72.30% | 27.70% | 27.70% | 424 | 406 | 417 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 404 | 409 |
| | Palatana (400 kV) | 0.00% | 79.05% | 17.89% | 17.89% | 422 | 415 | 405 |
| | Misa (400 kV) | 0.00% | 95.44% | 4.56% | 4.56% | 425 | 397 | 414 |
| | Ranganadi (400 kV) | 0.00% | 84.20% | 15.80% | 15.80% | 430 | 401 | 412 |
| | Biswanath Chariali (400 kV) | 0.00% | 99.83% | 0.02% | 0.02% | 421 | 393 | 410 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 403 | 413 |

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