

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

**System Reliability Indices Report for the week from
23-Aug-2021 to 29-Aug-2021**

Date: 3-Sep-2021

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 23-Aug-2021 to 29-Aug-2021

| 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 | 757 | 773 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 763 | 768 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 763 | 768 |
| | Anta | 0.00% | 99.70% | 0.30% | 0.30% | 803 | 765 | 783 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 756 | 770 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 763 | 769 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 759 | 773 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 759 | 774 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 751 | 769 |
| | Greater Noida | 0.00% | 99.66% | 0.34% | 0.34% | 801 | 761 | 778 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 754 | 770 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 754 | 769 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 757 | 770 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 761 | 777 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 755 | 773 |
| | Phagi | 0.00% | 99.80% | 0.20% | 0.20% | 802 | 756 | 779 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 763 | 775 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 746 | 761 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 755 | 774 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 751 | 775 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 755 | 770 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 765 | 776 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 763 | 778 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 778 | 787 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 770 | 777 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 739 | 780 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 752 | 770 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 773 | 786 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 752 | 767 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 750 | 780 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 779 | 787 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 778 | 785 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 769 | 778 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 771 | 783 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 767 | 779 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 770 | 777 |
| | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 761 | 782 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 782 | 790 |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 754 | 765 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 770 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 781 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 784 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 743 | 770 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 750 | 772 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 753 | 776 |
| | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 755 | 786 |
| | Srikakulam | 0.00% | 93.16% | 6.84% | 6.84% | 809 | 764 | 787 |
| | Thiruvallur | 0.00% | 96.02% | 3.98% | 3.98% | 804 | 767 | 787 |
| | Vemagiri | 0.00% | 95.55% | 4.45% | 4.45% | 807 | 765 | 787 |
| ER | Angul | 0.00% | 99.40% | 0.60% | 0.60% | 805 | 762 | 779 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 758 | 769 |
| | Jharsuguda | 0.00% | 99.98% | 0.02% | 0.02% | 800 | 762 | 790 |
| | Ranchi | 0.00% | 98.44% | 1.56% | 1.56% | 803 | 766 | 777 |
| Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 750 | 762 | |
| NER | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 395 | 403 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 392 | 408 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 401 | 412 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 400 | 406 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 397 | 405 |
| | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 395 | 410 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 420 | 396 | 405 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 397 | 409 | |

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