

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
05-Apr-2021 to 11-Apr-2021

Date: 16-Apr-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 05-Apr-2021 to 11-Apr-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% | 796 | 758 | 783 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 757 | 770 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 757 | 770 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 738 | 782 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 745 | 769 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 769 |
| | Bhiwani | 0.00% | 99.56% | 0.44% | 0.44% | 804 | 758 | 786 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 751 | 779 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 742 | 765 |
| | Greater Noida | 0.00% | 98.24% | 1.76% | 1.76% | 802 | 761 | 788 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 759 | 784 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 742 | 773 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 750 | 775 |
| | Meerut | 0.00% | 99.88% | 0.12% | 0.12% | 804 | 744 | 779 |
| | Moga | 0.00% | 99.99% | 0.01% | 0.01% | 801 | 738 | 772 |
| | Phagi | 0.00% | 93.18% | 6.82% | 6.82% | 800 | 748 | 785 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 776 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 743 | 764 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 764 | 774 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 755 | 779 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 753 | 773 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 762 | 774 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 760 | 779 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 773 | 787 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 763 | 774 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 751 | 783 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 755 | 773 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 768 | 783 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 763 | 771 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 750 | 778 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 776 | 786 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 775 | 784 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 748 | 771 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 748 | 777 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 764 | 780 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 765 | 774 |
| | Solapur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 756 | 778 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 778 | 787 |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 761 | 767 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 755 | 775 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 755 | 772 | |
| Wardha | 0.00% | 99.69% | 0.31% | 0.31% | 796 | 748 | 782 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 750 | 772 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 749 | 773 |
| | Raichur | 0.00% | 95.16% | 4.84% | 4.84% | 811 | 753 | 777 |
| | Nizamabad | 0.00% | 91.59% | 8.41% | 8.41% | 807 | 751 | 784 |
| | Srikakulam | 0.00% | 99.65% | 0.35% | 0.35% | 806 | 751 | 778 |
| | Thiruvallam | 0.00% | 99.68% | 0.32% | 0.32% | 807 | 753 | 780 |
| ER | Vemagiri | 0.00% | 93.49% | 6.51% | 6.51% | 810 | 752 | 782 |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 750 | 769 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 748 | 773 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 766 | 783 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 741 | 770 |
| NER | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 737 | 760 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 385 | 406 |
| | Bongaigaon (400 kV) | 0.00% | 99.97% | 0.03% | 0.03% | 420 | 398 | 410 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 401 | 411 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 395 | 407 |
| | Misa (400 kV) | 0.00% | 93.87% | 6.13% | 6.13% | 427 | 389 | 407 |
| | Ranganadi (400 kV) | 0.00% | 89.30% | 10.70% | 10.70% | 426 | 394 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 386 | 405 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 405 | 409 | |

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