

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

**System Reliability Indices Report for the week from
12-Jul-2020 to 18-Jul-2020**

Date: 24-Jul-2020

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 | 80 | 20.00 | 11.90 |
| 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 | 36 | 9.00 | 5.36 |
| 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 12-Jul-2020 to 18-Jul-2020

| 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% | 800 | 747 | 776 |
| | Agra (Fatehabad) | 0.00% | 83.87% | 3.04% | 3.04% | 805 | 761 | 784 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 756 | 766 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 756 | 766 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 760 | 778 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 744 | 770 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 763 | 769 |
| | Bhiwani | 0.00% | 99.70% | 0.30% | 0.30% | 800 | 750 | 779 |
| | Bareilly | 0.00% | 98.17% | 1.83% | 1.83% | 805 | 742 | 772 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 737 | 762 |
| | Greater Noida | 0.00% | 97.45% | 2.55% | 2.55% | 806 | 750 | 778 |
| | Jhatikara | 0.00% | 99.93% | 0.07% | 0.07% | 800 | 743 | 773 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 745 | 771 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 745 | 772 |
| | Meerut | 0.00% | 98.57% | 1.43% | 1.43% | 805 | 749 | 776 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 753 | 772 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 748 | 776 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 751 | 774 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 739 | 762 | |
| WR | Akola | 0.00% | 97.16% | 2.84% | 2.84% | 804 | 764 | 789 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 752 | 779 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 756 | 772 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 763 | 776 |
| | Bina | 0.00% | 99.96% | 0.04% | 0.04% | 801 | 758 | 778 |
| | Champa | 0.00% | 98.42% | 1.58% | 1.58% | 805 | 775 | 788 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 767 | 777 |
| | Gwalior | 0.00% | 99.54% | 0.46% | 0.46% | 803 | 748 | 778 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 751 | 768 |
| | Jabalpur | 0.00% | 97.75% | 2.25% | 2.25% | 806 | 765 | 781 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 756 | 775 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 754 | 781 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 776 | 786 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 765 | 781 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 760 | 770 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 756 | 774 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 761 | 781 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 766 | 776 |
| | Solapur | 0.00% | 94.32% | 5.68% | 5.68% | 805 | 756 | 788 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 778 | 788 |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 753 | 772 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 764 | 782 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 764 | 771 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 764 | 779 | |
| SR | Kurnool | 0.00% | 98.99% | 1.01% | 1.01% | 803 | 747 | 782 |
| | Nellore PS | 0.00% | 98.90% | 1.10% | 1.10% | 803 | 750 | 782 |
| | Raichur | 0.00% | 96.67% | 3.33% | 3.33% | 804 | 747 | 783 |
| | Nizamabad | 0.00% | 96.44% | 3.56% | 3.56% | 807 | 739 | 783 |
| | Srikakulam | 0.00% | 92.09% | 7.91% | 7.91% | 806 | 769 | 793 |
| | Thiruvallam | 0.00% | 92.09% | 7.91% | 7.91% | 806 | 769 | 793 |
| | Vemagiri | 0.00% | 75.16% | 24.84% | 24.84% | 808 | 771 | 795 |
| ER | Angul | 0.00% | 99.94% | 0.06% | 0.06% | 802 | 760 | 782 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 748 | 769 |
| | Jharsuguda | 0.00% | 91.24% | 8.76% | 8.76% | 807 | 778 | 794 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 769 | 781 |
| Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 741 | 761 | |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 402 | 408 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 393 | 407 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 395 | 407 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 398 | 410 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 402 | 408 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 406 | 411 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 389 | 405 |
| | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 401 | 412 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 389 | 406 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 394 | 406 |

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