

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

Date of Reporting: **5-Jan-21**
System Reliability Indices Report for: **04-Jan-21**

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 | 4 | 1.00 | 4.17 |
| 3 | Import of NR | 0 | 0.00 | 0.00 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 5 | NER Import | 0 | 0.00 | 0.00 |

Percentage(%) of times (N-1) Criteria was violated

| | | | | |
|---|--------------|---|------|------|
| 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 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 04-Jan-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% | 797 | 758 | 782 |
| | Agra (Fatehabad) | 0.00% | 99.51% | 0.49% | 0.00% | 801 | 768 | 787 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 760 | 769 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 760 | 769 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 764 | 782 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 748 | 771 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 766 | 763 | 769 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 763 | 783 |
| | Bareilly | 0.00% | 84.65% | 15.35% | 15.35% | 804 | 755 | 783 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 753 | 766 |
| | Greater Noida | 0.00% | 83.40% | 16.60% | 16.60% | 805 | 762 | 787 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 757 | 783 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 755 | 771 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 750 | 778 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 762 | 776 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 759 | 780 |
| | Moqa | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 754 | 774 |
| Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 756 | 783 | |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 756 | 776 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 760 | 776 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 753 | 775 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 758 | 772 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 758 | 768 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 759 | 781 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 771 | 783 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 759 | 770 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 762 | 776 |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 762 | 774 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 760 | 784 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 758 | 769 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 762 | 782 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 756 | 767 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 756 | 776 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 771 | 782 |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 764 | 775 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 761 | 773 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 761 | 780 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 753 | 774 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 759 | 768 |
| | Solapur | 0.00% | 98.47% | 1.53% | 1.53% | 801 | 762 | 781 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 774 | 784 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 756 | 765 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 766 | 780 |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 766 | 775 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 766 | 778 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 749 | 775 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 748 | 772 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 752 | 776 |
| | Nizamabad | 0.00% | 95.07% | 4.93% | 4.93% | 806 | 760 | 783 |
| | Srikakulam | 0.00% | 99.93% | 0.07% | 0.07% | 801 | 754 | 784 |
| | Thiruvallam | 0.00% | 99.93% | 0.07% | 0.07% | 801 | 754 | 784 |
| | Vemagiri | 0.00% | 91.67% | 8.33% | 8.33% | 805 | 762 | 781 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 752 | 767 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 752 | 772 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 771 | 783 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 763 | 776 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 751 | 767 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 405 | 405 | 405 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 396 | 406 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 403 | 410 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 403 | 411 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 405 | 405 | 405 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 410 | 413 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 393 | 404 |
| | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 397 | 409 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 394 | 406 |
| | Sitchar (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.