

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **04-08-2021**
System Reliability Indices Report for: **03-08-2021**

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 | 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 03-08-2021

| 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 | 762 | 776 |
| | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 762 | 776 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 759 | 766 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 759 | 766 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 779 | 787 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 747 | 764 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 763 | 769 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 761 | 777 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 754 | 773 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 747 | 764 |
| | Greater Noida | 0.00% | 99.17% | 0.83% | 0.83% | 800 | 760 | 779 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 758 | 774 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 757 | 773 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 751 | 771 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 762 | 770 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 760 | 779 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 756 | 773 |
| | Phagi | 0.00% | 95.83% | 4.17% | 4.17% | 806 | 772 | 788 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 760 | 774 |
| | WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 765 |
| Aurangabad | | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 759 | 776 |
| Bhopal (BDTCL) | | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 762 | 773 |
| Bilaspur | | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 768 | 775 |
| Bina | | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 767 | 779 |
| Champa | | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 775 | 783 |
| Dharamjagarh | | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 764 | 771 |
| Dhule (BDTCL) | | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 753 | 768 |
| Ektuni | | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 753 | 776 |
| Gwalior | | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 770 | 784 |
| Indore | | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 759 | 772 |
| Jabalpur | | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 774 | 784 |
| Koradi | | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 758 | 765 |
| Pune | | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 764 | 783 |
| Raigarh Pooling | | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 778 | 783 |
| Raipur Pooling | | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 776 | 782 |
| Sasan | | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 771 | 779 |
| Satna | | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 775 | 787 |
| Seoni | | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 770 | 781 |
| Sipat | | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 771 | 776 |
| Solapur | 0.00% | 95.35% | 4.65% | 4.65% | 802 | 767 | 786 | |
| Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 781 | 787 | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 766 | 754 | 760 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 760 | 776 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 760 | 783 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 760 | 786 | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 745 | 774 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 748 | 774 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 751 | 778 |
| | Nizamabad | 0.00% | 96.25% | 3.75% | 3.75% | 808 | 762 | 787 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 775 | 785 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 775 | 785 |
| | Vemagiri | 0.00% | 79.17% | 20.83% | 20.83% | 806 | 769 | 791 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 762 | 773 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 750 | 764 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 777 | 783 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 758 | 770 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 747 | 764 |
| NER | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 397 | 403 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 400 | 407 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 404 | 410 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 407 | 401 | 405 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 397 | 404 |
| | Ranganadi (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 405 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 399 | 406 |
| 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.