

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **24-Apr-19**
System Reliability Indices Report for: **23-Apr-19**

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

| 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 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 23-Apr-2019

| 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% | 99.38% | 0.49% | 0.49% | 804 | 763 | 783 |
| | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 768 | 782 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 761 | 767 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 758 | 764 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 757 | 784 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 746 | 767 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 763 | 769 |
| | Bhiwani | 0.00% | 83.13% | 16.88% | 16.88% | 805 | 771 | 790 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 753 | 773 |
| | Greater Noida | 0.00% | 89.10% | 10.90% | 10.90% | 807 | 772 | 788 |
| | Jhatikara | 0.00% | 99.17% | 0.83% | 0.83% | 804 | 765 | 785 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 757 | 776 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 751 | 774 |
| | Lalitpur | 0.00% | 97.08% | 2.92% | 2.92% | 807 | 762 | 783 |
| | Meerut | 0.00% | 86.04% | 13.96% | 13.96% | 807 | 766 | 789 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 775 | 788 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 769 | 786 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 757 | 775 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 741 | 759 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 761 | 767 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 773 | 782 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 764 | 772 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 773 | 779 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 772 | 783 |
| | Champa | 0.00% | 84.93% | 5.07% | 5.07% | 807 | 791 | 797 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 778 | 784 |
| | Gwalior | 0.00% | 99.79% | 0.21% | 0.21% | 802 | 767 | 784 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 763 | 772 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 775 | 786 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 764 | 756 | 759 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 757 | 774 |
| | Raigarh Pooling | 0.00% | 98.75% | 1.25% | 1.25% | 803 | 790 | 795 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 764 | 772 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 769 | 778 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 775 | 784 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 773 | 777 |
| | Solapur | 0.00% | 88.68% | 11.32% | 11.32% | 805 | 779 | 790 |
| | Tamnar | 0.00% | 96.60% | 3.40% | 3.40% | 804 | 792 | 797 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 753 | 756 |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 781 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 773 | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 785 | |
| SR | Kurnool | 0.00% | 96.67% | 3.33% | 3.33% | 802 | 765 | 781 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 764 | 777 |
| | Raichur | 0.00% | 96.81% | 3.19% | 3.19% | 801 | 768 | 782 |
| | Nizamabad | 0.00% | 97.36% | 2.64% | 2.64% | 804 | 780 | 793 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 779 | 788 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 779 | 788 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 760 | 769 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 783 | 793 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 750 | 767 |
| | Jharsuguda | 0.00% | 35.35% | 64.65% | 64.65% | 811 | 791 | 800 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 774 | 783 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 744 | 759 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 403 | 408 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 394 | 408 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 393 | 402 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 403 | 408 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 411 | 415 |
| | Misa (400 kV) | 0.00% | 97.22% | 2.78% | 2.78% | 420 | 399 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 394 | 408 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 400 | 407 |

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