

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

Date of Reporting: 3-Jun-19
System Reliability Indices Report for: 2-Jun-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 02-Jun-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% | 100.00% | 0.00% | 0.00% | 799 | 756 | 779 |
| | Agra (Fatehabad) | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 764 | 782 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 761 | 774 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 762 | 772 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 764 | 781 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 760 | 778 |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 763 | 769 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 762 | 781 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 747 | 767 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 755 | 777 |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 754 | 772 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 759 | 778 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 764 | 774 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 757 | 773 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 761 | 775 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 761 | 781 |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 761 | 777 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 759 | 770 |
| | Aurangabad | 0.00% | 99.51% | 0.49% | 0.49% | 802 | 775 | 786 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 765 | 778 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 774 | 784 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 772 | 786 |
| | Champa | 0.00% | 90.14% | 9.86% | 9.86% | 808 | 791 | 795 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 778 | 787 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 764 | 783 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 731 | 776 |
| | Jabalpur | 0.00% | 96.18% | 3.82% | 3.82% | 804 | 778 | 792 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 756 | 763 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 763 | 776 |
| | Raigarh Pooling | 0.00% | 94.51% | 5.49% | 5.49% | 804 | 787 | 796 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 766 | 774 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 769 | 781 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 778 | 788 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 775 | 783 |
| | Solapur | 0.00% | 89.03% | 10.97% | 10.97% | 814 | 784 | 795 |
| | Tamnar | 0.00% | 87.92% | 12.08% | 12.08% | 804 | 789 | 797 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 752 | 759 |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 769 | 781 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 769 | 776 | |
| Wardha | 0.00% | 99.65% | 0.35% | 0.35% | 794 | 769 | 788 | |
| SR | Kurnool | 0.00% | 91.60% | 8.40% | 8.40% | 816 | 777 | 788 |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 736 | 771 |
| | Raichur | 0.00% | 97.29% | 2.71% | 2.71% | 802 | 779 | 789 |
| | Nizamabad | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 779 | 788 |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 774 | 782 |
| | Thiruvallam | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 774 | 782 |
| | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 761 | 768 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 767 | 782 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 747 | 763 |
| | Jharsuguda | 0.00% | 56.39% | 43.61% | 43.61% | 809 | 789 | 799 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 772 | 784 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 750 | 764 |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 403 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 400 | 410 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 397 | 403 |
| | Byrnihat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 410 | 403 | 407 |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 413 | 416 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 402 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 400 | 410 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 416 | 405 | 411 |

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