

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **14-Jun-18**
System Reliability Indices Report for: **13-Jun-18**

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 13-Jun-2018

| 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% | 792 | 751 | 774 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 759 | 764 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 759 | 779 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 743 | 761 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 761 | 777 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 746 | 761 |
| | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 756 | 776 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 752 | 767 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 768 | 778 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 759 | 777 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 757 | 771 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 756 | 779 |
| | Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 747 | 764 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 761 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 763 | 773 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 769 | 783 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 749 | 770 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 764 | 756 | 761 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 752 | 775 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 763 | 776 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 750 | 777 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 751 | 770 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 758 | 766 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 760 | 776 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 785 | 791 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 749 | 763 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 771 | 781 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 755 | 762 |
| | Solapur | 0.00% | 99.72% | 0.28% | 0.28% | 800 | 777 | 792 |
| | Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 787 | 792 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 758 | 764 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 757 | 774 |
| | Kurnool | 0.00% | 93.33% | 6.67% | 6.67% | 805 | 775 | 791 |
| | SR | Nellore PS | 0.00% | 99.79% | 0.21% | 0.21% | 800 | 777 |
| Raichur | | 0.00% | 83.06% | 16.94% | 16.94% | 807 | 778 | 794 |
| Srikakulam | | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 773 | 784 |
| Thiruvallam | | 0.00% | 58.40% | 41.60% | 41.60% | 809 | 787 | 798 |
| Vemagiri | | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 777 | 788 |
| Angul | | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 762 | 773 |
| ER | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 743 | 758 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 757 | 770 |
| NER | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 408 | 393 | 400 |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 399 | 407 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 419 | 401 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 395 | 405 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 400 | 408 |

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