

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

**Date of Reporting: 10-Jul-18
System Reliability Indices Report for: 9-Jul-18**

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|--------------|-----------------|----------------------------------|---------------------------------|-------------------|
| 1 | WR-NR | 40 | 10.00 | 41.67 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 23 | 5.75 | 23.96 |
| 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 | 5 | 1.25 | 5.21 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 3 | 0.75 | 3.13 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 09-Jul-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% | 795 | 753 | 771 | |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 767 | 754 | 759 | |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 763 | 774 | |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 754 | 770 | |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 754 | 769 | |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 749 | 766 | |
| | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 751 | 769 | |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 760 | 775 | |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 762 | 772 | |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 787 | 755 | 771 | |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 756 | 770 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 775 | 752 | 755 | | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 767 | 778 | |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 770 | 786 | |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 760 | 771 | |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 761 | 766 | |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 763 | 775 | |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 773 | 783 | |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 757 | 773 | |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 776 | 776 | |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 760 | 770 | |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 754 | 776 | |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 785 | 789 | |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 757 | 763 | |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 777 | 786 | |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 762 | 765 | |
| | Solapur | 0.00% | 98.11% | 1.89% | 1.89% | 802 | 779 | 792 | |
| | Tamnara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 787 | 790 | |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 757 | 764 | |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 767 | 783 | |
| | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 764 | 785 | |
| | SR | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 769 | 783 |
| Raichur | | 0.00% | 98.18% | 1.82% | 1.82% | 802 | 772 | 789 | |
| Srikakulam | | 0.00% | 97.27% | 2.73% | 2.73% | 802 | 781 | 790 | |
| Thiruvallam | | 0.00% | 86.62% | 13.38% | 13.38% | 803 | 773 | 790 | |
| Vemagiri | | 0.00% | 99.72% | 0.28% | 0.28% | 803 | 783 | 792 | |
| ER | | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 766 | 775 |
| | | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 782 | 750 | 764 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 769 | 774 | |
| NER | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 406 | 395 | 400 | |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 401 | 407 | |
| | Misa (400 kV) | 0.00% | 96.29% | 3.71% | 3.71% | 421 | 404 | 412 | |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 399 | 408 | |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 404 | 405 | |

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