

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

**Date of Reporting: 17-Aug-18
System Reliability Indices Report for: 16-Aug-18**

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|--------------|-----------------|----------------------------------|---------------------------------|-------------------|
| 1 | WR-NR | 19 | 4.75 | 19.79 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 14 | 3.50 | 14.58 |
| 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 | 8 | 2.00 | 8.33 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 4 | 1.00 | 4.17 |
| 4 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | NER Import | 0 | 0.00 | 0.00 |

Voltage Profile for the day of 16-Aug-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% | 786 | 759 | 771 |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% | 770 | 757 | 764 |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 771 | 779 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 749 | 766 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 762 | 774 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 748 | 764 |
| | Greater Noida | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 762 | 775 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 750 | 767 |
| | Lalitpur | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 770 | 785 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 772 |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 766 | 775 |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 762 | 752 | 755 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 770 | 784 |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 776 | 789 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 781 | 762 | 769 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 773 | 762 | 769 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 788 | 765 | 774 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 773 | 783 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 759 | 772 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 763 | 773 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 778 | 764 | 773 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 753 | 782 |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% | 790 | 776 | 785 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 769 | 758 | 764 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 779 | 785 |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 762 | 768 |
| | Solapur | 0.00% | 94.65% | 5.35% | 5.35% | 803 | 778 | 792 |
| | Tamnara | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 779 | 787 |
| | Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 771 | 761 | 767 |
| | Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 766 | 782 |
| SR | Kurnool | 0.00% | 94.38% | 5.63% | 5.63% | 804 | 775 | 790 |
| | Nellore PS | 0.00% | 84.65% | 15.35% | 15.35% | 806 | 781 | 794 |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 776 | 789 |
| | Srikakulam | 0.00% | 66.53% | 33.47% | 33.47% | 807 | 761 | 792 |
| | Thiruvallam | 0.00% | 35.14% | 64.86% | 64.86% | 817 | 786 | 803 |
| | Vemagiri | 0.00% | 69.51% | 30.49% | 30.49% | 808 | 753 | 790 |
| | | | | | | | | |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 764 | 781 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 752 | 766 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 766 | 776 |
| 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% | 416 | 402 | 408 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 418 | 405 | 411 |
| | Biswanath Chariali (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 401 | 407 |
| | Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 400 | 406 |

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