**POWER SYSTEM OPERATION CORPORATION LIMITED**

**NATIONAL LOAD DESPATCH CENTRE**

**NEW DELHI**

**Date of Reporting:** **31-Aug-15**

**System Reliability Indices Report for:** **30-Aug-15**

## 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 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | ER-NER | 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 | NEW-SR | 0 | 0.00 | 0.00 |
| 4 | ER-NER | 0 | 0.00 | 0.00 |

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

# Voltage Profile for the day of 30-Aug-2015

| 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% | 793 | 752 | 769 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 777 | 740 | 758 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 758 | 774 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 779 | 741 | 757 |
| WR | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 757 | 774 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 752 | 752 | 752 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 759 | 771 |
| | Sholapur | 0.00% | 87.36% | 9.10% | 9.10% | 807 | 770 | 791 |
| SR | Raichur | 0.00% | 100.00% | 0.00% | 0.00% | 800 | 765 | 783 |
| | Nellore PS | 0.00% | 25.83% | 0.00% | 0.00% | 800 | 795 | 800 |
| | Somanhalli (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 399 | 404 |
| | Salem (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 400 | 405 |
| ER | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 766 | 772 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 748 | 763 |
| | Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 758 | 758 | 758 |
| | Binaguri (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 415 | 404 | 409 |
| NER | Balipara (400 kV) | 0.00% | 68.47% | 23.96% | 23.96% | 425 | 414 | 418 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 413 | 402 | 407 |
| | Misa (400 kV) | 0.00% | 78.33% | 10.97% | 10.97% | 423 | 412 | 417 |

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