

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

Date of Reporting: **9-May-17**  
System Reliability Indices Report for: **8-May-17**

**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       |

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 08-May-2017

| 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                  | 755                  | 770                  |
|        | Fatehpur            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 786                  | 745                  | 758                  |
|        | Moga                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 788                  | 760                  | 773                  |
|        | Phagi               | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 764                  | 778                  |
| WR     | Aurangabad          | 0.00%                                 | 99.65%   | 0.35%                                 | 0.35%   | 802                  | 757                  | 781                  |
|        | Dharamjaigarh       | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 771                  | 771                  | 771                  |
|        | Gwalior             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 791                  | 758                  | 773                  |
|        | Sholapur            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 761                  | 784                  |
|        | Vadodara            | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 785                  | 753                  | 768                  |
| SR     | Nellore PS          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 760                  | 771                  |
|        | Raichur             | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 800                  | 765                  | 780                  |
|        | Thiruvallur         | 0.00%                                 | 79.31%   | 20.69%                                | 20.69%  | 801                  | 768                  | 781                  |
| ER     | Gaya                | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 787                  | 758                  | 772                  |
|        | Jharsuguda          | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 795                  | 779                  | 787                  |
|        | Ranchi              | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 790                  | 776                  | 782                  |
| NER    | Balipara (400 kV)   | 0.00%                                 | 95.97%   | 4.03%                                 | 4.03%   | 423                  | 398                  | 410                  |
|        | Bongaigaon (400 kV) | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 418                  | 397                  | 408                  |
|        | Silchar (400 kV)    | 0.00%                                 | 100.00%  | 0.00%                                 | 0.00%   | 416                  | 401                  | 409                  |

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