

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 16-Apr-20
System Reliability Indices Report for: 15-Apr-20

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 |
| 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 15-Apr-2020

| 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) |
|------------------|-----------------------------|---------------------------------------|--|---------------------------------------|---|
| NR | Agra | 0.00% | 100.00% | 0.00% | 0.00% |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% |
| | Anpara-D | 0.00% | 100.00% | 0.00% | 0.00% |
| | Anta | 0.00% | 100.00% | 0.00% | 0.00% |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bara | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bareilly | 0.00% | 95.35% | 4.65% | 4.65% |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% |
| | Greater Noida | 0.00% | 91.88% | 8.13% | 8.13% |
| | Kanpur GIS | 0.00% | 100.00% | 0.00% | 0.00% |
| | Lucknow | 0.00% | 99.86% | 0.14% | 0.14% |
| | Lalitpur | 0.00% | 0.00% | 0.00% | 0.00% |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% |
| | Phagi | 0.00% | 100.00% | 0.00% | 0.00% |
| Varanasi | 0.00% | 100.00% | 0.00% | 0.00% | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% |
| | Aurangabad | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Ektuni | 0.00% | 100.00% | 0.00% | 0.00% |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% |
| | Raigarh Pooling | 0.00% | 100.00% | 0.00% | 0.00% |
| | Raipur Pooling | 0.00% | 100.00% | 0.00% | 0.00% |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% |
| | Sipat | 0.00% | 100.00% | 0.00% | 0.00% |
| | Solapur | 0.00% | 100.00% | 0.00% | 0.00% |
| Tamnar | 0.00% | 100.00% | 0.00% | 0.00% | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | |
| Vadodara | 0.00% | 99.65% | 0.35% | 0.35% | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | |
| Wardha | 0.00% | 100.00% | 0.00% | 0.00% | |
| SR | Kurnool | 0.00% | 100.00% | 0.00% | 0.00% |
| | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% |
| | Raichur | 0.00% | 100.00% | 0.00% | 0.00% |
| | Nizamabad | 0.00% | 98.40% | 1.60% | 1.60% |
| | Srikakulam | 0.00% | 100.00% | 0.00% | 0.00% |
| | Thiruvalam | 0.00% | 100.00% | 0.00% | 0.00% |
| ER | Vemagiri | 0.00% | 100.00% | 0.00% | 0.00% |
| | Angul | 0.00% | 100.00% | 0.00% | 0.00% |
| ER | Gaya | 0.00% | 100.00% | 0.00% | 0.00% |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Balipara (400 kV) | 0.00% | 96.04% | 3.96% | 3.96% |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Bongaigaon TPS (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Byrnhat (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Palatana (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% |
| | Misa (400 kV) | 0.00% | 93.82% | 6.18% | 6.18% |
| | Ranganadi (400 kV) | 0.00% | 90.28% | 9.72% | 9.72% |
| | Biswanath Chariali (400 kV) | 0.00% | 99.17% | 0.83% | 0.83% |
| Silchar (400 kV) | 0.00% | 96.81% | 3.19% | 3.19% | |

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