

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

**Date of Reporting: 4-May-16
System Reliability Indices Report for: 3-May-16**

Percentage (%) of times ATC was violated

| S.No. | Corridor | Number of Blocks Violated | Number of Hours Violated | %Violation |
|-------|--------------|---------------------------|--------------------------|------------|
| 1 | WR-NR | 1 | 0.25 | 1.04 |
| 2 | ER-NR | 0 | 0.00 | 0.00 |
| 3 | Import of NR | 22 | 5.50 | 22.92 |
| 4 | NEW-SR | 1 | 0.25 | 1.04 |
| 5 | 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 | Import of NR | 2 | 0.50 | 0.02 |
| 4 | 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 03-May-2016

| 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% | 789 | 750 | 770 |
| | Anpara-C | 0.00% | 100.00% | 0.00% | 0.00% | 768 | 753 | 760 |
| | Ballia | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 739 | 756 |
| | Bhiwani | 0.00% | 100.00% | 0.00% | 0.00% | 796 | 757 | 777 |
| | Bareilly | 0.00% | 100.00% | 0.00% | 0.00% | 760 | 739 | 756 |
| | Fatehpur | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 735 | 753 |
| | Jhatikara | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 754 | 776 |
| | Lucknow | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 741 | 760 |
| | Meerut | 0.00% | 100.00% | 0.00% | 0.00% | 797 | 757 | 778 |
| | Moga | 0.00% | 100.00% | 0.00% | 0.00% | 789 | 761 | 775 |
| Phagi | 0.00% | 100.00% | 0.00% | 0.00% | 783 | 742 | 768 | |
| Unnao | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 734 | 752 | |
| WR | Akola | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 750 | 760 |
| | Aurangabad | 0.00% | 99.51% | 0.49% | 0.49% | 802 | 763 | 781 |
| | Bhopal (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 786 | 756 | 770 |
| | Bilaspur | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 760 | 767 |
| | Bina | 0.00% | 100.00% | 0.00% | 0.00% | 791 | 762 | 777 |
| | Champa | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 784 | 793 |
| | Dharamjaigarh | 0.00% | 100.00% | 0.00% | 0.00% | 785 | 770 | 777 |
| | Dhule (BDTCL) | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 767 | 781 |
| | Gwalior | 0.00% | 100.00% | 0.00% | 0.00% | 792 | 757 | 776 |
| | Indore | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 753 | 767 |
| | Jabalpur | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 767 | 780 |
| | Koradi | 0.00% | 100.00% | 0.00% | 0.00% | 765 | 749 | 755 |
| | Pune | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 756 | 764 |
| | Raigarh PS (Kotra) | 0.00% | 72.99% | 27.01% | 27.01% | 803 | 790 | 797 |
| | Raipur PS (Durg) | 0.00% | 100.00% | 0.00% | 0.00% | 798 | 788 | 792 |
| | Sasan | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 760 | 769 |
| | Satna | 0.00% | 100.00% | 0.00% | 0.00% | 784 | 758 | 773 |
| | Seoni | 0.00% | 100.00% | 0.00% | 0.00% | 793 | 767 | 780 |
| Sipat | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 760 | 766 | |
| Sholapur | 0.00% | 80.69% | 14.58% | 14.58% | 806 | 771 | 789 | |
| Tamnara PS | 0.00% | 79.17% | 20.83% | 20.83% | 803 | 790 | 797 | |
| Tirora | 0.00% | 100.00% | 0.00% | 0.00% | 765 | 765 | 765 | |
| Vadodara | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 766 | 780 | |
| Vindhyachal PS | 0.00% | 100.00% | 0.00% | 0.00% | 776 | 763 | 771 | |
| Wardha | 0.00% | 99.31% | 0.69% | 0.69% | 803 | 773 | 787 | |
| SR | Nellore PS | 0.00% | 100.00% | 0.00% | 0.00% | 799 | 778 | 788 |
| | Raichur | 0.00% | 83.26% | 16.74% | 16.74% | 807 | 774 | 791 |
| | Kurnool | 0.00% | 64.79% | 35.21% | 35.21% | 810 | 780 | 796 |
| | Thiruvalam | 0.00% | 72.57% | 27.43% | 27.43% | 808 | 782 | 794 |
| ER | Angul | 0.00% | 100.00% | 0.00% | 0.00% | 780 | 764 | 773 |
| | Gaya | 0.00% | 100.00% | 0.00% | 0.00% | 774 | 741 | 757 |
| | Jharsuguda | 0.00% | 100.00% | 0.00% | 0.00% | 795 | 779 | 787 |
| | Ranchi | 0.00% | 100.00% | 0.00% | 0.00% | 794 | 777 | 786 |
| Sasaram | 0.00% | 100.00% | 0.00% | 0.00% | 772 | 736 | 753 | |
| NER | Azara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 411 | 400 | 407 |
| | Balipara (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 412 | 388 | 403 |
| | Bongaigaon (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 409 | 388 | 401 |
| | Misa (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 414 | 394 | 406 |
| Silchar (400 kV) | 0.00% | 100.00% | 0.00% | 0.00% | 417 | 399 | 410 | |

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