

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

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

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	3	0.75	3.13
4	NEW-SR	10	2.50	10.42
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	0	0.00	0.00
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 18-Apr-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%	786	747	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	761	766
	Ballia	0.00%	100.00%	0.00%	0.00%	769	750	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	773	773	773
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	738	755
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	755	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	778	753	764
	Meerut	0.00%	98.24%	0.99%	0.99%	802	758	780
	Moga	0.00%	100.00%	0.00%	0.00%	790	750	772
Phagi	0.00%	100.00%	0.00%	0.00%	784	737	765	
Unnao	0.00%	100.00%	0.00%	0.00%	765	744	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	766	741	757
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	749	771
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	743	757
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	754	761
	Bina	0.00%	100.00%	0.00%	0.00%	785	755	768
	Champa	0.00%	100.00%	0.00%	0.00%	797	777	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	749	770
	Indore	0.00%	100.00%	0.00%	0.00%	779	732	757
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	758	770
	Koradi	0.00%	100.00%	0.00%	0.00%	756	747	751
	Pune	0.00%	100.00%	0.00%	0.00%	789	740	763
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	776	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	777	778
	Sasan	0.00%	100.00%	0.00%	0.00%	768	758	763
	Satna	0.00%	100.00%	0.00%	0.00%	773	751	764
	Seoni	0.00%	100.00%	0.00%	0.00%	786	758	769
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	760
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	754	779
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	778	784	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	747	766	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	760	767	
Wardha	0.00%	100.00%	0.00%	0.00%	795	764	777	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	785
	Raichur	0.00%	97.80%	2.20%	2.20%	807	767	786
	Kurnool	0.00%	78.46%	21.54%	21.54%	812	776	794
	Thiruvalam	0.00%	61.43%	38.57%	38.57%	809	777	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	762	774
	Gaya	0.00%	100.00%	0.00%	0.00%	765	746	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	771	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	770	780
Sasaram	0.00%	100.00%	0.00%	0.00%	771	747	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	412

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