

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

**Date of Reporting: 15-Apr-16
System Reliability Indices Report for: 14-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	0	0.00	0.00
4	NEW-SR	17	4.25	17.71
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	4	1.00	0.04
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 14-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	745	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	752	760
	Ballia	0.00%	100.00%	0.00%	0.00%	778	741	757
	Bhiwani	0.00%	99.65%	0.35%	0.35%	800	760	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	765	732	751
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	792	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	779	746	764
	Meerut	0.00%	96.18%	2.71%	2.71%	804	761	787
	Moga	0.00%	97.99%	2.01%	2.01%	804	759	786
	Phagi	0.00%	100.00%	0.00%	0.00%	779	743	765
Unnao	0.00%	100.00%	0.00%	0.00%	760	729	743	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	749	765
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	775	745	759
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	755	763
	Bina	0.00%	100.00%	0.00%	0.00%	784	753	766
	Champa	0.00%	100.00%	0.00%	0.00%	790	773	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	758	766
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	756	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	769
	Indore	0.00%	100.00%	0.00%	0.00%	775	743	759
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	756	768
	Koradi	0.00%	100.00%	0.00%	0.00%	775	745	756
	Pune	0.00%	100.00%	0.00%	0.00%	795	748	773
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	786	772	779
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	764	777
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	782	753	765
	Seoni	0.00%	100.00%	0.00%	0.00%	785	756	769
	Sipat	0.00%	100.00%	0.00%	0.00%	767	756	761
	Sholapur	0.00%	98.96%	0.76%	0.76%	806	762	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	786	773	780	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	753	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	760	767	
Wardha	0.00%	100.00%	0.00%	0.00%	794	760	777	
SR	Nellore PS	0.00%	99.72%	0.28%	0.28%	802	783	791
	Raichur	0.00%	96.39%	3.61%	3.61%	808	774	789
	Kurnool	0.00%	61.18%	38.82%	38.82%	814	786	798
	Thiruvalam	0.00%	28.13%	71.88%	71.88%	814	795	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	760	768
	Gaya	0.00%	100.00%	0.00%	0.00%	774	741	754
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	769	775
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	760	772
Sasaram	1.60%	98.40%	0.00%	1.60%	765	720	744	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	407
	Misa (400 kV)	0.00%	89.86%	10.14%	10.14%	425	407	415
	Silchar (400 kV)	0.00%	92.78%	7.22%	7.22%	423	406	413

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