

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

**Date of Reporting: 14-Apr-16
System Reliability Indices Report for: 13-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	13	3.25	13.54
4	NEW-SR	37	9.25	38.54
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 13-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%	796	734	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	750	764
	Ballia	0.00%	100.00%	0.00%	0.00%	793	734	763
	Bhiwani	0.00%	96.81%	3.19%	3.19%	806	752	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	1.39%	98.33%	0.00%	1.39%	781	722	756
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	792	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	738	785
	Meerut	0.00%	88.82%	7.64%	7.64%	814	750	786
	Moga	0.00%	98.96%	1.04%	1.04%	806	749	781
	Phagi	0.00%	100.00%	0.00%	0.00%	784	733	764
Unnao	1.94%	98.06%	0.00%	1.94%	780	721	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	743	761
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	756	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	776	749	760
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	784	749	768
	Champa	0.00%	100.00%	0.00%	0.00%	795	778	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	762	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	739	771
	Indore	0.00%	100.00%	0.00%	0.00%	779	744	760
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	756	770
	Koradi	0.00%	100.00%	0.00%	0.00%	764	742	754
	Pune	0.00%	99.51%	0.00%	0.00%	800	741	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	788	776	781
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	778
	Sasan	0.00%	100.00%	0.00%	0.00%	770	755	764
	Satna	0.00%	100.00%	0.00%	0.00%	780	750	767
	Seoni	0.00%	100.00%	0.00%	0.00%	786	763	773
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	763
	Sholapur	0.00%	88.54%	9.79%	9.79%	810	755	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	777	782	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	762	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	760	768	
Wardha	0.00%	99.79%	0.21%	0.21%	801	768	784	
SR	Nellore PS	0.00%	99.44%	0.56%	0.56%	801	774	788
	Raichur	0.00%	87.99%	12.01%	12.01%	808	763	788
	Kurnool	0.00%	72.15%	27.85%	27.85%	812	773	795
	Thiruvalam	0.00%	63.75%	36.25%	36.25%	809	775	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	764	770
	Gaya	0.00%	100.00%	0.00%	0.00%	787	734	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	771	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	770	780
	Sasaram	8.83%	91.17%	0.00%	8.83%	789	716	754
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	408
	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	423	392	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	403
	Misa (400 kV)	0.00%	98.82%	1.18%	1.18%	429	396	410
	Silchar (400 kV)	0.00%	99.38%	0.63%	0.63%	426	405	413

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