

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

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	53	13.25	55.21
2	ER-NR	0	0.00	0.00
3	Import of NR	51	12.75	53.13
4	NEW-SR	0	0.00	0.00
5	ER-NER	16	4.00	16.67

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	0	0.00	0.00
4	ER-NER	7	1.75	7.29

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 17-Sep-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%	792	750	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	762	769
	Ballia	0.00%	100.00%	0.00%	0.00%	786	752	770
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	764	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	741	762
	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	756	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	789	754	772
	Meerut	0.00%	98.33%	0.28%	0.28%	801	762	781
	Moga	0.00%	100.00%	0.00%	0.00%	797	765	781
Phagi	0.00%	100.00%	0.00%	0.00%	790	756	775	
Unnao	0.00%	100.00%	0.00%	0.00%	747	747	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	755	773
	Aurangabad	0.00%	97.01%	2.99%	2.99%	802	753	784
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	756	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	762	769
	Bina	0.00%	100.00%	0.00%	0.00%	793	765	780
	Champa	0.00%	87.36%	6.32%	6.32%	803	783	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	763	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	755	779
	Indore	0.00%	100.00%	0.00%	0.00%	792	760	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	765	782
	Koradi	0.00%	100.00%	0.00%	0.00%	770	748	760
	Pune	0.00%	100.00%	0.00%	0.00%	786	738	762
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	784	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	772	785
	Sasan	0.00%	100.00%	0.00%	0.00%	778	762	771
	Satna	0.00%	100.00%	0.00%	0.00%	787	765	777
	Seoni	0.00%	100.00%	0.00%	0.00%	793	765	782
	Sipat	0.00%	100.00%	0.00%	0.00%	773	762	769
	Sholapur	0.00%	78.19%	21.81%	21.81%	810	761	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	788	788	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	750	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	770	784	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	762	773	
Wardha	0.00%	100.00%	0.00%	0.00%	797	760	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	776	788
	Raichur	0.00%	96.11%	3.89%	3.89%	803	768	790
	Kurnool	0.00%	82.29%	17.71%	17.71%	806	776	794
	Thiruvalam	0.00%	66.81%	33.19%	33.19%	809	786	799
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	766	776
	Gaya	0.00%	100.00%	0.00%	0.00%	785	754	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	773	783
Sasaram	0.00%	100.00%	0.00%	0.00%	782	743	763	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	407
	Balipara (400 kV)	0.00%	95.76%	4.24%	4.24%	423	403	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	405
	Misa (400 kV)	0.00%	90.07%	9.93%	9.93%	422	407	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408

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