

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

**Date of Reporting: 14-Sep-16
System Reliability Indices Report for: 13-Sep-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	71	17.75	73.96
2	ER-NR	0	0.00	0.00
3	Import of NR	62	15.50	64.58
4	NEW-SR	0	0.00	0.00
5	ER-NER	20	5.00	20.83

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
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	14	3.50	14.58

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-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%	790	760	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	755	763
	Ballia	0.00%	100.00%	0.00%	0.00%	787	756	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	768	779
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	755	766
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	763	775
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	757	771
	Meerut	0.00%	100.00%	0.00%	0.00%	799	767	781
	Moga	0.00%	99.17%	0.83%	0.83%	803	775	787
Phagi	0.00%	100.00%	0.00%	0.00%	795	763	774	
Unnao	0.00%	100.00%	0.00%	0.00%	766	739	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	757	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	751	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	755	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	757	763
	Bina	0.00%	100.00%	0.00%	0.00%	786	763	772
	Champa	0.00%	100.00%	0.00%	0.00%	797	784	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	766	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	756	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	765	775
	Indore	0.00%	100.00%	0.00%	0.00%	791	754	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	765	774
	Koradi	0.00%	100.00%	0.00%	0.00%	769	748	758
	Pune	0.00%	99.93%	0.00%	0.00%	800	755	777
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	782	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	784	773	779
	Sasan	0.00%	100.00%	0.00%	0.00%	768	758	763
	Satna	0.00%	100.00%	0.00%	0.00%	777	760	767
	Seoni	0.00%	100.00%	0.00%	0.00%	785	761	776
	Sipat	0.00%	100.00%	0.00%	0.00%	767	757	762
	Sholapur	0.00%	78.33%	21.67%	21.67%	809	764	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	782	789	
Tirora	0.00%	100.00%	0.00%	0.00%	764	749	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	760	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	768	759	765	
Wardha	0.00%	100.00%	0.00%	0.00%	798	764	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	782
	Raichur	0.00%	84.65%	15.35%	15.35%	806	770	789
	Kurnool	0.00%	72.08%	27.92%	27.92%	808	774	794
	Thiruvalam	0.00%	27.45%	72.55%	72.55%	805	784	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	768	774
	Gaya	0.00%	100.00%	0.00%	0.00%	786	759	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	779	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	772	779
Sasaram	0.00%	100.00%	0.00%	0.00%	783	749	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	407
	Balipara (400 kV)	0.00%	97.99%	2.01%	2.01%	421	398	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	405
	Misa (400 kV)	0.00%	95.56%	4.44%	4.44%	422	400	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	408

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