

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

**Date of Reporting: 12-Sep-16
System Reliability Indices Report for: 11-Sep-16**

Percentage (%) of times ATC 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	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	10	2.50	10.42

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	6	1.50	6.25

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 11-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%	798	757	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	758	767
	Ballia	0.00%	100.00%	0.00%	0.00%	790	754	770
	Bhiwani	0.00%	99.38%	0.63%	0.63%	802	766	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	750	767
	Jhatikara	0.00%	100.00%	0.00%	0.00%	799	762	779
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	756	771
	Meerut	0.00%	92.99%	6.67%	6.67%	809	772	791
	Moga	0.00%	89.79%	10.21%	10.21%	808	773	790
Phagi	0.00%	100.00%	0.00%	0.00%	793	761	776	
Unnao	0.00%	100.00%	0.00%	0.00%	768	737	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	750	769
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	753	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	790	760	773
	Champa	0.00%	100.00%	0.00%	0.00%	796	785	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	765	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	764	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	758	775
	Indore	0.00%	100.00%	0.00%	0.00%	783	758	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	789	765	774
	Koradi	0.00%	100.00%	0.00%	0.00%	765	744	757
	Pune	0.00%	100.00%	0.00%	0.00%	797	752	780
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	785	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	757	770
	Seoni	0.00%	100.00%	0.00%	0.00%	786	768	777
	Sipat	0.00%	100.00%	0.00%	0.00%	768	758	763
	Sholapur	0.00%	98.13%	1.88%	1.88%	803	757	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	785	790	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	765	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	769	
Wardha	0.00%	100.00%	0.00%	0.00%	798	767	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	773	785
	Raichur	0.00%	100.00%	0.00%	0.00%	799	759	785
	Kurnool	0.00%	95.00%	5.00%	5.00%	804	772	792
	Thiruvalam	0.00%	48.75%	51.25%	51.25%	807	788	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	765	773
	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	769	780
	Sasaram	1.25%	98.75%	0.00%	1.25%	788	726	752
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	403	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	395	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	407

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