

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

**Date of Reporting: 10-Dec-16
System Reliability Indices Report for: 9-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	58	14.50	60.42
5	NER Import	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	1	0.25	1.04
4	NER Import	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 09-Dec-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%	793	748	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	751	763
	Ballia	0.00%	100.00%	0.00%	0.00%	788	758	764
	Bhiwani	0.00%	78.47%	21.53%	21.53%	807	760	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	738	760
	Jhatikara	0.00%	80.00%	20.00%	20.00%	807	758	782
	Lucknow	0.00%	90.90%	9.10%	9.10%	803	761	782
	Meerut	0.00%	72.78%	23.96%	23.96%	810	760	786
	Moga	0.00%	96.74%	3.26%	3.26%	803	744	777
Phagi	0.00%	100.00%	0.00%	0.00%	797	757	777	
Unnao	0.00%	100.00%	0.00%	0.00%	775	736	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	741	764
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	742	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	742	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	751	760
	Bina	0.00%	100.00%	0.00%	0.00%	790	752	772
	Champa	0.00%	97.85%	2.15%	2.15%	801	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	753	765
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	746	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	793	743	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	752	770
	Koradi	0.00%	100.00%	0.00%	0.00%	767	737	754
	Pune	0.00%	100.00%	0.00%	0.00%	798	729	765
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	774	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	762	778
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	766
	Satna	0.00%	100.00%	0.00%	0.00%	793	761	773
	Seoni	0.00%	100.00%	0.00%	0.00%	787	750	768
	Sipat	0.00%	100.00%	0.00%	0.00%	771	751	760
	Sholapur	0.00%	99.31%	0.69%	0.69%	803	754	778
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	763	742	754	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	753	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	769	
Wardha	0.00%	99.86%	0.14%	0.14%	801	753	776	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	766	777
	Raichur	0.00%	100.00%	0.00%	0.00%	796	761	777
	Kurnool	0.00%	99.86%	0.14%	0.14%	801	769	784
	Thiruvalam	0.00%	99.31%	0.69%	0.69%	803	777	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	767	776
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	770	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	760	772
Sasaram	0.14%	99.86%	0.00%	0.14%	790	727	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	405
	Misa (400 kV)	0.00%	65.35%	34.65%	34.65%	427	399	415
	Silchar (400 kV)	0.00%	99.31%	0.69%	0.69%	421	400	413

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