

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

**Date of Reporting: 8-Dec-16
System Reliability Indices Report for: 7-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	28	7.00	29.17
2	ER-NR	0	0.00	0.00
3	Import of NR	33	8.25	34.38
4	NEW-SR	35	8.75	36.46
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	2	0.50	2.08
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 07-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%	792	747	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	756	765
	Ballia	0.00%	100.00%	0.00%	0.00%	767	759	764
	Bhiwani	0.00%	79.93%	20.07%	20.07%	804	763	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	737	759
	Jhatikara	0.00%	79.72%	20.28%	20.28%	807	761	784
	Lucknow	0.00%	76.53%	23.47%	23.47%	809	762	784
	Meerut	0.00%	80.69%	17.01%	17.01%	810	760	784
	Moga	0.00%	99.38%	0.63%	0.63%	802	744	774
Phagi	0.00%	100.00%	0.00%	0.00%	793	755	778	
Unnao	0.00%	100.00%	0.00%	0.00%	784	734	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	743	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	736	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	740	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	750	762
	Bina	0.00%	100.00%	0.00%	0.00%	788	749	771
	Champa	0.00%	98.61%	0.00%	0.00%	800	778	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	756	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	742	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	776
	Indore	0.00%	100.00%	0.00%	0.00%	789	745	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	748	770
	Koradi	0.00%	100.00%	0.00%	0.00%	767	741	757
	Pune	0.14%	99.86%	0.00%	0.14%	797	727	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	773	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	762	776
	Sasan	0.00%	100.00%	0.00%	0.00%	772	752	764
	Satna	0.00%	100.00%	0.00%	0.00%	782	751	770
	Seoni	0.00%	100.00%	0.00%	0.00%	788	745	769
	Sipat	0.00%	100.00%	0.00%	0.00%	773	752	761
	Sholapur	0.00%	99.38%	0.63%	0.63%	802	746	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	775	783	
Tirora	0.00%	100.00%	0.00%	0.00%	764	744	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	751	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	767	
Wardha	0.00%	100.00%	0.00%	0.00%	796	748	779	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	771	781
	Raichur	0.00%	99.44%	0.56%	0.56%	803	757	782
	Kurnool	0.00%	94.65%	5.35%	5.35%	808	769	788
	Thiruvalam	0.00%	78.68%	21.32%	21.32%	806	781	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	767	775
	Gaya	0.00%	100.00%	0.00%	0.00%	791	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	768	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	760	774
	Sasaram	0.00%	100.00%	0.00%	0.00%	762	729	746
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%	417	388	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	405
	Misa (400 kV)	0.00%	67.50%	32.50%	32.50%	424	398	415
	Silchar (400 kV)	0.00%	98.96%	1.04%	1.04%	421	402	413

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