

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

Date of Reporting: **26-Dec-16**  
System Reliability Indices Report for: **25-Dec-16**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
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	2	0.50	2.08
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	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 25-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	758	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	763	768
	Ballia	0.00%	100.00%	0.00%	0.00%	794	765	777
	Bhiwani	0.00%	72.08%	27.92%	27.92%	806	775	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	750	763
	Jhatikara	0.00%	77.57%	22.43%	22.43%	806	773	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	800	778	779
	Meerut	0.00%	96.81%	2.43%	2.43%	805	769	787
	Moga	0.00%	98.13%	1.88%	1.88%	803	773	787
Phagi	0.00%	100.00%	0.00%	0.00%	798	767	784	
Unnao	0.00%	100.00%	0.00%	0.00%	784	750	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	745	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	762	770
	Bina	0.00%	100.00%	0.00%	0.00%	797	765	782
	Champa	0.00%	77.50%	14.79%	14.79%	803	787	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	778	787
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	760	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	765	782
	Indore	0.00%	100.00%	0.00%	0.00%	791	752	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	781	781	781
	Koradi	0.00%	100.00%	0.00%	0.00%	767	737	755
	Pune	0.00%	99.03%	0.00%	0.00%	800	746	773
	Raigarh PS (Kotra)	0.00%	98.89%	1.11%	1.11%	801	785	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	778	787
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	768
	Satna	0.00%	100.00%	0.00%	0.00%	786	759	774
	Seoni	0.00%	100.00%	0.00%	0.00%	797	764	781
	Sipat	0.00%	100.00%	0.00%	0.00%	777	760	769
	Sholapur	0.00%	95.28%	4.72%	4.72%	811	767	790
Tamnara PS	0.00%	99.58%	0.42%	0.42%	800	785	793	
Tirora	0.00%	100.00%	0.00%	0.00%	764	742	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	768	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	764	771	
Wardha	0.00%	98.96%	1.04%	1.04%	801	765	789	
SR	Nellore PS	0.00%	99.72%	0.28%	0.28%	801	782	791
	Raichur	0.00%	98.40%	1.60%	1.60%	804	774	790
	Kurnool	0.00%	87.50%	12.50%	12.50%	808	782	795
	Thiruvalam	0.00%	76.67%	23.33%	23.33%	812	783	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	774	783
	Gaya	0.00%	100.00%	0.00%	0.00%	796	771	784
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	804	787	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	778	789
Sasaram	0.00%	100.00%	0.00%	0.00%	783	739	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	412
	Misa (400 kV)	0.00%	38.13%	61.88%	61.88%	427	410	420
	Silchar (400 kV)	0.00%	87.64%	12.36%	12.36%	423	405	416

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