

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

Date of Reporting: **11-Dec-16**  
System Reliability Indices Report for: **10-Dec-16**

**Percentage (%) of times ATC 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	4	1.00	4.17
4	NEW-SR	22	5.50	22.92
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	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 10-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	746	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	752	764
	Ballia	0.00%	100.00%	0.00%	0.00%	796	749	770
	Bhiwani	0.00%	75.83%	24.17%	24.17%	811	762	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	731	757
	Jhatikara	0.00%	24.79%	75.21%	75.21%	809	775	799
	Lucknow	0.00%	90.83%	9.17%	9.17%	807	759	778
	Meerut	0.00%	88.61%	10.14%	10.14%	812	764	784
	Moga	0.00%	97.29%	2.71%	2.71%	803	759	779
Phagi	0.00%	100.00%	0.00%	0.00%	799	756	781	
Unnao	0.00%	100.00%	0.00%	0.00%	779	729	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	748	766
	Aurangabad	0.00%	98.61%	1.39%	1.39%	804	756	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	741	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	748	760
	Bina	0.00%	100.00%	0.00%	0.00%	790	753	775
	Champa	0.00%	88.75%	4.93%	4.93%	804	782	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	762	764
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	758	778
	Indore	0.00%	100.00%	0.00%	0.00%	787	749	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	752	778
	Koradi	0.00%	100.00%	0.00%	0.00%	769	733	755
	Pune	0.00%	100.00%	0.00%	0.00%	798	744	773
	Raigarh PS (Kotra)	0.00%	97.01%	2.99%	2.99%	802	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	771	784
	Sasan	0.00%	100.00%	0.00%	0.00%	776	754	767
	Satna	0.00%	100.00%	0.00%	0.00%	785	755	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	753	772
	Sipat	0.00%	100.00%	0.00%	0.00%	769	749	760
	Sholapur	0.00%	95.90%	4.10%	4.10%	807	760	783
Tamnara PS	0.00%	98.19%	1.81%	1.81%	801	782	792	
Tirora	0.00%	100.00%	0.00%	0.00%	764	743	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	758	770	
Wardha	0.00%	97.08%	2.92%	2.92%	806	764	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	771	781
	Raichur	0.00%	100.00%	0.00%	0.00%	799	765	782
	Kurnool	0.00%	99.65%	0.35%	0.35%	802	774	788
	Thiruvalam	0.00%	74.51%	25.49%	25.49%	806	784	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	768	778
	Gaya	0.00%	100.00%	0.00%	0.00%	793	752	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	768	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	760	776
	Sasaram	1.46%	98.54%	0.00%	1.46%	795	721	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	410
	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	392	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	Misa (400 kV)	0.00%	63.47%	36.53%	36.53%	427	400	417
	Silchar (400 kV)	0.00%	95.83%	4.17%	4.17%	421	399	413

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