

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

Date of Reporting: **25-Dec-16**  
System Reliability Indices Report for: **24-Dec-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	Import of NR	39	9.75	40.63
4	NEW-SR	2	0.50	2.08
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	3	0.75	3.13
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 24-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%	787	747	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	757	763
	Ballia	0.00%	100.00%	0.00%	0.00%	789	763	776
	Bhiwani	0.00%	84.17%	15.83%	15.83%	808	764	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	742	756
	Jhatikara	0.00%	89.84%	10.16%	10.16%	805	772	791
	Lucknow	0.00%	99.72%	0.28%	0.28%	800	772	783
	Meerut	0.00%	97.01%	2.15%	2.15%	805	758	781
	Moga	0.00%	99.93%	0.07%	0.07%	800	751	781
Phagi	0.00%	100.00%	0.00%	0.00%	799	758	779	
Unnao	0.00%	100.00%	0.00%	0.00%	772	747	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	752	773
	Aurangabad	0.00%	99.86%	0.14%	0.14%	802	752	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	749	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	767
	Bina	0.00%	100.00%	0.00%	0.00%	790	759	776
	Champa	0.00%	98.61%	0.69%	0.69%	802	785	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	775	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	758	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	760	777
	Indore	0.00%	100.00%	0.00%	0.00%	791	752	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	774	782
	Koradi	0.00%	100.00%	0.00%	0.00%	773	747	762
	Pune	0.00%	99.10%	0.00%	0.00%	800	742	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	783	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	784
	Sasan	0.00%	100.00%	0.00%	0.00%	773	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	770
	Seoni	0.00%	100.00%	0.00%	0.00%	789	757	775
	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	765
	Sholapur	0.00%	97.08%	2.92%	2.92%	806	764	787
Tamnar PS	0.00%	100.00%	0.00%	0.00%	798	782	790	
Tirora	0.00%	100.00%	0.00%	0.00%	767	749	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	768	
Wardha	0.00%	99.86%	0.14%	0.14%	801	746	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	771	783
	Raichur	0.00%	99.72%	0.28%	0.28%	800	768	785
	Kurnool	0.00%	97.71%	2.29%	2.29%	804	775	789
	Thiruvalam	0.00%	76.39%	23.61%	23.61%	809	783	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	771	782
	Gaya	0.00%	100.00%	0.00%	0.00%	792	766	780
	Jharsuguda	0.00%	90.97%	9.03%	9.03%	802	783	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	775	785
Sasaram	0.00%	100.00%	0.00%	0.00%	760	734	746	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	Balipara (400 kV)	0.00%	99.10%	0.90%	0.90%	421	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	Misa (400 kV)	0.00%	60.83%	39.17%	39.17%	428	412	418
	Silchar (400 kV)	0.00%	90.97%	9.03%	9.03%	421	405	414

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