

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

Date of Reporting: **19-Dec-16**  
System Reliability Indices Report for: **18-Dec-16**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 18-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%	790	750	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	753	759
	Ballia	0.00%	100.00%	0.00%	0.00%	764	764	764
	Bhiwani	0.00%	72.57%	27.43%	27.43%	808	769	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	758
	Jhatikara	0.00%	77.99%	22.01%	22.01%	807	764	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	755	772
	Meerut	0.00%	96.32%	3.13%	3.13%	812	760	783
	Moga	0.00%	98.19%	1.81%	1.81%	806	762	784
Phagi	0.00%	100.00%	0.00%	0.00%	799	761	783	
Unnao	0.00%	100.00%	0.00%	0.00%	779	731	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	778	751	763
	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	765	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	748	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	755	761
	Bina	0.00%	100.00%	0.00%	0.00%	786	757	774
	Champa	0.00%	100.00%	0.00%	0.00%	790	776	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	763	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	767	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	777
	Indore	0.00%	100.00%	0.00%	0.00%	784	751	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	775	775	775
	Koradi	0.00%	100.00%	0.00%	0.00%	767	741	754
	Pune	0.00%	100.00%	0.00%	0.00%	798	749	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	783	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	778	782
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	771
	Seoni	0.00%	100.00%	0.00%	0.00%	785	763	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	760
	Sholapur	0.00%	96.25%	3.75%	3.75%	811	773	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	784	790	
Tirora	0.00%	100.00%	0.00%	0.00%	764	745	754	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	768	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	759	768	
Wardha	0.00%	99.79%	0.21%	0.21%	801	771	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	783	790
	Raichur	0.00%	99.24%	0.76%	0.76%	803	779	789
	Kurnool	0.00%	93.06%	6.94%	6.94%	806	786	795
	Thiruvalam	0.00%	33.96%	66.04%	66.04%	814	792	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	772	779
	Gaya	0.00%	100.00%	0.00%	0.00%	785	758	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	767	776
Sasaram	0.00%	100.00%	0.00%	0.00%	776	750	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	404
	Misa (400 kV)	0.00%	68.06%	31.94%	31.94%	425	401	416
	Silchar (400 kV)	0.00%	99.10%	0.90%	0.90%	421	401	413

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