

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

Date of Reporting: **15-Dec-16**  
System Reliability Indices Report for: **14-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	17	4.25	17.71
4	NEW-SR	15	3.75	15.63
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	3	0.75	3.13
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 14-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%	795	753	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	754	760
	Ballia	0.00%	100.00%	0.00%	0.00%	794	754	771
	Bhiwani	0.00%	76.25%	23.75%	23.75%	808	758	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	740	757
	Jhatikara	0.00%	78.75%	21.25%	21.25%	809	757	782
	Lucknow	0.00%	89.86%	10.14%	10.14%	805	762	781
	Meerut	0.00%	90.07%	9.03%	9.03%	816	760	782
	Moga	0.00%	94.17%	5.83%	5.83%	806	751	776
Phagi	0.00%	98.47%	1.53%	1.53%	800	763	779	
Unnao	0.00%	100.00%	0.00%	0.00%	783	735	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	779	748	766
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	753	783
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	746	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	755	764
	Bina	0.00%	100.00%	0.00%	0.00%	795	759	777
	Champa	0.00%	76.18%	22.43%	22.43%	808	786	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	765	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	752	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	760	777
	Indore	0.00%	100.00%	0.00%	0.00%	792	748	773
	Jabalpur	0.00%	99.86%	0.14%	0.14%	800	766	783
	Koradi	0.00%	100.00%	0.00%	0.00%	766	745	758
	Pune	0.00%	100.00%	0.00%	0.00%	792	743	770
	Raigarh PS (Kotra)	0.00%	78.47%	21.53%	21.53%	806	782	794
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	778	787
	Sasan	0.00%	100.00%	0.00%	0.00%	777	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	788	759	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	762	777
	Sipat	0.00%	100.00%	0.00%	0.00%	773	755	763
	Sholapur	0.00%	94.17%	5.83%	5.83%	805	766	788
Tamnar PS	0.00%	78.40%	21.60%	21.60%	806	783	794	
Tirora	0.00%	100.00%	0.00%	0.00%	763	747	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	768	
Wardha	0.00%	96.53%	3.47%	3.47%	803	762	788	
SR	Nellore PS	0.00%	95.49%	4.51%	4.51%	806	774	788
	Raichur	0.00%	92.85%	7.15%	7.15%	806	769	788
	Kurnool	0.00%	82.99%	17.01%	17.01%	812	774	793
	Thiruvalam	0.00%	40.35%	59.65%	59.65%	822	787	803
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	772	785
	Gaya	0.00%	100.00%	0.00%	0.00%	792	756	771
	Jharsuguda	0.00%	93.68%	6.32%	6.32%	801	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	779
Sasaram	2.36%	97.64%	0.00%	2.36%	776	725	754	
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%	417	389	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	406
	Misa (400 kV)	0.00%	53.40%	46.60%	46.60%	423	397	416
	Silchar (400 kV)	0.00%	99.58%	0.42%	0.42%	421	398	413

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