

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **18-Dec-16**
System Reliability Indices Report for: **17-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	0	0.00	0.00
4	NEW-SR	7	1.75	7.29
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 17-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%	791	749	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	750	759
	Ballia	0.00%	100.00%	0.00%	0.00%	787	764	769
	Bhiwani	0.00%	75.35%	24.65%	24.65%	809	766	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	757
	Jhatikara	0.00%	81.81%	18.19%	18.19%	808	758	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	751	771
	Meerut	0.00%	90.49%	7.64%	7.64%	809	764	784
	Moga	0.00%	100.00%	0.00%	0.00%	799	761	781
Phagi	0.00%	100.00%	0.00%	0.00%	799	757	781	
Unnao	0.00%	100.00%	0.00%	0.00%	782	729	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	749	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	756	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	753	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	754	762
	Bina	0.00%	100.00%	0.00%	0.00%	793	755	776
	Champa	0.00%	100.00%	0.00%	0.00%	796	778	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	760	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	752	777
	Indore	0.00%	100.00%	0.00%	0.00%	786	749	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	763	780
	Koradi	0.00%	100.00%	0.00%	0.00%	768	739	756
	Pune	0.00%	100.00%	0.00%	0.00%	793	743	768
	Raigarh PS (Kotra)	0.00%	99.31%	0.69%	0.69%	801	781	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	781
	Sasan	0.00%	100.00%	0.00%	0.00%	777	756	769
	Satna	0.00%	100.00%	0.00%	0.00%	788	756	775
	Seoni	0.00%	100.00%	0.00%	0.00%	787	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	761
	Sholapur	0.00%	98.40%	1.60%	1.60%	803	757	784
Tamnar PS	0.00%	100.00%	0.00%	0.00%	800	782	791	
Tirora	0.00%	100.00%	0.00%	0.00%	765	744	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	759	773	
Wardha	0.00%	100.00%	0.00%	0.00%	797	764	783	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	784
	Raichur	0.00%	100.00%	0.00%	0.00%	800	762	785
	Kurnool	0.00%	95.69%	4.31%	4.31%	803	771	791
	Thiruvalam	0.00%	65.21%	34.79%	34.79%	812	785	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	773	780
	Gaya	0.00%	100.00%	0.00%	0.00%	787	749	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	778
Sasaram	0.00%	100.00%	0.00%	0.00%	778	741	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	403
	Misa (400 kV)	0.00%	84.03%	15.97%	15.97%	422	401	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412

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