

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **21-Dec-16**
System Reliability Indices Report for: **20-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	2	0.50	2.08
3	Import of NR	1	0.25	1.04
4	NEW-SR	5	1.25	5.21
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 20-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%	794	749	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	753	760
	Ballia	0.00%	100.00%	0.00%	0.00%	782	748	766
	Bhiwani	0.00%	78.89%	21.11%	21.11%	808	768	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	746	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	732	757
	Jhatikara	0.00%	91.94%	8.06%	8.06%	807	762	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	749	769
	Meerut	0.00%	80.49%	15.63%	15.63%	808	764	788
	Moga	0.00%	95.97%	4.03%	4.03%	803	763	785
Phagi	0.00%	98.96%	1.04%	1.04%	800	763	781	
Unnao	0.28%	99.72%	0.00%	0.28%	764	727	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	747	767
	Aurangabad	0.00%	99.65%	0.35%	0.35%	801	755	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	747	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	750	760
	Bina	0.00%	100.00%	0.00%	0.00%	790	752	772
	Champa	0.00%	100.00%	0.00%	0.00%	789	771	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	757	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	744	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	756	777
	Indore	0.00%	100.00%	0.00%	0.00%	784	744	767
	Jabalpur	0.00%	100.00%	0.00%	0.00%	774	774	774
	Koradi	0.00%	100.00%	0.00%	0.00%	768	744	758
	Pune	0.00%	100.00%	0.00%	0.00%	797	752	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	776	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	779
	Sasan	0.00%	100.00%	0.00%	0.00%	777	755	766
	Satna	0.00%	100.00%	0.00%	0.00%	789	755	772
	Seoni	0.00%	100.00%	0.00%	0.00%	786	753	771
	Sipat	0.00%	100.00%	0.00%	0.00%	769	751	760
	Sholapur	0.00%	97.01%	2.99%	2.99%	806	763	784
Tamnar PS	0.00%	100.00%	0.00%	0.00%	797	778	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	746	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	758	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	761	769	
Wardha	0.00%	99.72%	0.28%	0.28%	802	766	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	774	783
	Raichur	0.00%	100.00%	0.00%	0.00%	799	765	784
	Kurnool	0.00%	98.75%	1.25%	1.25%	803	774	789
	Thiruvalam	0.00%	65.56%	34.44%	34.44%	809	786	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	768	777
	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	771	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	762	773
Sasaram	0.00%	100.00%	0.00%	0.00%	779	743	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	408
	Balipara (400 kV)	0.00%	97.64%	2.36%	2.36%	423	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	403
	Misa (400 kV)	0.00%	89.65%	10.35%	10.35%	429	399	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	411

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