

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **20-Dec-16**
System Reliability Indices Report for: **19-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	9	2.25	9.38
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 19-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%	789	752	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	750	756
	Ballia	0.00%	100.00%	0.00%	0.00%	775	752	763
	Bhiwani	0.00%	80.69%	19.31%	19.31%	811	769	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	746	757
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	739	754
	Jhatikara	0.00%	74.22%	25.78%	25.78%	810	760	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	752	768
	Meerut	0.00%	97.92%	1.60%	1.60%	804	758	782
	Moga	0.00%	100.00%	0.00%	0.00%	800	765	782
Phagi	0.00%	98.96%	1.04%	1.04%	801	764	780	
Unnao	0.00%	100.00%	0.00%	0.00%	773	730	744	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	749	766
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	751	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	751	760
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	771
	Champa	0.00%	100.00%	0.00%	0.00%	789	772	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	760	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	757	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	758	774
	Indore	0.00%	100.00%	0.00%	0.00%	786	753	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	777	760	773
	Koradi	0.00%	100.00%	0.00%	0.00%	768	746	758
	Pune	0.00%	100.00%	0.00%	0.00%	796	752	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	777	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	774	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	782	759	771
	Seoni	0.00%	100.00%	0.00%	0.00%	785	756	772
	Sipat	0.00%	100.00%	0.00%	0.00%	768	752	759
	Sholapur	0.00%	95.76%	4.24%	4.24%	804	768	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	778	787	
Tirora	0.00%	100.00%	0.00%	0.00%	764	747	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	765	769	
Wardha	0.00%	100.00%	0.00%	0.00%	798	769	783	
SR	Nellore PS	0.00%	99.17%	0.83%	0.83%	801	776	785
	Raichur	0.00%	100.00%	0.00%	0.00%	799	772	786
	Kurnool	0.00%	88.26%	11.74%	11.74%	805	778	791
	Thiruvalam	0.00%	69.51%	30.49%	30.49%	814	789	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	769	777
	Gaya	0.00%	100.00%	0.00%	0.00%	785	753	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	773	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	764	774
Sasaram	0.00%	100.00%	0.00%	0.00%	776	738	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	403
	Misa (400 kV)	0.00%	74.51%	25.49%	25.49%	424	401	414
	Silchar (400 kV)	0.00%	95.00%	5.00%	5.00%	421	395	411

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