

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **22-Dec-16**
System Reliability Indices Report for: **21-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	0	0.00	0.00
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 21-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	750	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	753	761
	Ballia	0.00%	100.00%	0.00%	0.00%	782	754	769
	Bhiwani	0.00%	81.53%	18.47%	18.47%	807	767	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	739	759
	Jhatikara	0.00%	96.88%	3.13%	3.13%	804	763	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	755	775
	Meerut	0.00%	95.07%	3.75%	3.75%	808	758	784
	Moga	0.00%	97.92%	2.08%	2.08%	803	763	783
Phagi	0.00%	100.00%	0.00%	0.00%	797	764	781	
Unnao	0.00%	100.00%	0.00%	0.00%	776	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	741	769
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	750	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	741	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	752	763
	Bina	0.00%	100.00%	0.00%	0.00%	791	752	775
	Champa	0.00%	100.00%	0.00%	0.00%	794	772	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	760	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	750	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	754	777
	Indore	0.00%	100.00%	0.00%	0.00%	790	744	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	774	774	774
	Koradi	0.00%	100.00%	0.00%	0.00%	772	739	760
	Pune	0.00%	100.00%	0.00%	0.00%	794	740	770
	Raigarh PS (Kotra)	0.00%	99.93%	0.07%	0.07%	800	778	790
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	797	769	784
	Sasan	0.00%	100.00%	0.00%	0.00%	775	753	766
	Satna	0.00%	100.00%	0.00%	0.00%	784	751	771
	Seoni	0.00%	100.00%	0.00%	0.00%	788	754	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	753	762
	Sholapur	0.00%	97.99%	2.01%	2.01%	802	761	787
Tamnara PS	0.00%	100.00%	0.00%	0.00%	800	780	791	
Tirora	0.00%	100.00%	0.00%	0.00%	767	743	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	756	768	
Wardha	0.00%	100.00%	0.00%	0.00%	798	761	784	
SR	Nellore PS	0.00%	99.93%	0.07%	0.07%	800	773	784
	Raichur	0.00%	99.44%	0.56%	0.56%	803	769	786
	Kurnool	0.00%	91.60%	8.40%	8.40%	808	776	790
	Thiruvalam	0.00%	60.76%	39.24%	39.24%	815	782	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	770	781
	Gaya	0.00%	100.00%	0.00%	0.00%	782	756	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	764	778
	Sasaram	0.97%	99.03%	0.00%	0.97%	777	725	759
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	404
	Misa (400 kV)	0.00%	95.00%	5.00%	5.00%	425	402	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	410

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