

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **13-Dec-16**
System Reliability Indices Report for: **12-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	17	4.25	17.71
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 12-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%	792	754	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	750	760
	Ballia	0.00%	100.00%	0.00%	0.00%	791	756	769
	Bhiwani	0.00%	78.96%	21.04%	21.04%	809	767	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	739	754
	Jhatikara	0.00%	84.24%	15.76%	15.76%	808	765	785
	Lucknow	0.00%	93.47%	6.53%	6.53%	802	764	780
	Meerut	0.00%	87.78%	10.49%	10.49%	811	766	784
	Moga	0.00%	100.00%	0.00%	0.00%	799	761	781
Phagi	0.00%	100.00%	0.00%	0.00%	800	763	779	
Unnao	0.00%	100.00%	0.00%	0.00%	775	735	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	749	766
	Aurangabad	0.00%	98.61%	1.39%	1.39%	802	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	749	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	754	764
	Bina	0.00%	100.00%	0.00%	0.00%	794	759	775
	Champa	0.00%	66.74%	29.03%	29.03%	807	788	797
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	763	763	763
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	755	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	774
	Indore	0.00%	100.00%	0.00%	0.00%	787	750	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	766	781
	Koradi	0.00%	100.00%	0.00%	0.00%	769	743	757
	Pune	0.00%	100.00%	0.00%	0.00%	800	749	770
	Raigarh PS (Kotra)	0.00%	71.04%	28.96%	28.96%	806	788	797
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	779	791
	Sasan	0.00%	100.00%	0.00%	0.00%	777	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	789	757	770
	Seoni	0.00%	100.00%	0.00%	0.00%	793	758	777
	Sipat	0.00%	100.00%	0.00%	0.00%	773	754	763
	Sholapur	0.00%	94.44%	5.56%	5.56%	810	748	786
Tamnara PS	0.00%	71.67%	28.33%	28.33%	805	789	797	
Tirora	0.00%	100.00%	0.00%	0.00%	766	747	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	763	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	760	769	
Wardha	0.00%	98.75%	1.25%	1.25%	801	763	784	
SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	800	775	789
	Raichur	0.00%	98.96%	1.04%	1.04%	803	769	786
	Kurnool	0.00%	77.71%	22.29%	22.29%	806	776	791
	Thiruvalam	0.00%	29.38%	70.63%	70.63%	818	788	804
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	773	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	771
	Jharsuguda	0.00%	95.83%	4.17%	4.17%	801	779	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	769	780
	Sasaram	0.14%	99.86%	0.00%	0.14%	761	727	741
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	Misa (400 kV)	0.00%	48.33%	51.67%	51.67%	424	403	419
	Silchar (400 kV)	0.00%	93.89%	6.11%	6.11%	421	400	414

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