

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

Date of Reporting: **24-Dec-16**
System Reliability Indices Report for: **23-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	14.58
2	ER-NR	0	0.00	0.00
3	Import of NR	38	9.50	39.58
4	NEW-SR	4	1.00	4.17
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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	1	0.25	1.04
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 23-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%	793	754	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	752	760
	Ballia	0.00%	100.00%	0.00%	0.00%	797	762	778
	Bhiwani	0.00%	73.06%	26.94%	26.94%	812	772	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	744	759
	Jhatikara	0.00%	80.63%	19.38%	19.38%	807	769	786
	Lucknow	0.00%	84.51%	15.49%	15.49%	806	770	785
	Meerut	0.00%	94.93%	2.43%	2.43%	812	761	785
	Moga	0.00%	97.99%	2.01%	2.01%	808	761	782
Phagi	0.00%	100.00%	0.00%	0.00%	800	762	781	
Unnao	0.00%	100.00%	0.00%	0.00%	774	736	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	751	773
	Aurangabad	0.00%	99.38%	0.63%	0.63%	803	754	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	766
	Bina	0.00%	100.00%	0.00%	0.00%	790	762	778
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	772	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	754	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	762	780
	Indore	0.00%	100.00%	0.00%	0.00%	789	758	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	784	784
	Koradi	0.00%	100.00%	0.00%	0.00%	774	747	763
	Pune	0.00%	100.00%	0.00%	0.00%	797	756	773
	Raigarh PS (Kotra)	0.00%	98.96%	1.04%	1.04%	801	783	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	778	786
	Sasan	0.00%	100.00%	0.00%	0.00%	774	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	774
	Seoni	0.00%	100.00%	0.00%	0.00%	791	759	775
	Sipat	0.00%	100.00%	0.00%	0.00%	772	758	764
	Sholapur	0.00%	98.13%	1.88%	1.88%	809	767	788
Tamnara PS	0.00%	99.72%	0.28%	0.28%	800	783	792	
Tirora	0.00%	100.00%	0.00%	0.00%	770	749	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	769	
Wardha	0.00%	99.24%	0.76%	0.76%	806	764	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	774	782
	Raichur	0.00%	99.79%	0.21%	0.21%	800	771	785
	Kurnool	0.00%	96.32%	3.68%	3.68%	804	777	789
	Thiruvalam	0.00%	74.44%	25.56%	25.56%	809	787	795
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	771	778
	Gaya	0.00%	99.58%	0.42%	0.42%	801	767	782
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	774	784
Sasaram	0.00%	100.00%	0.00%	0.00%	767	743	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	406	410
	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	421	403	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	411
	Misa (400 kV)	0.00%	53.13%	46.88%	46.88%	427	412	419
	Silchar (400 kV)	0.00%	81.18%	18.82%	18.82%	423	401	413

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