

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

**Date of Reporting: 13-Feb-17
System Reliability Indices Report for: 12-Feb-17**

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	4	1.00	4.17
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-Feb-2017

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	754	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	758	765
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	79.24%	20.76%	20.76%	806	771	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	752	769
	Jhatikara	0.00%	81.67%	18.33%	18.33%	809	766	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	758	775
	Meerut	0.00%	95.21%	3.40%	3.40%	805	763	786
	Moga	0.00%	97.43%	2.57%	2.57%	807	771	785
Phagi	0.00%	100.00%	0.00%	0.00%	797	760	780	
Unnao	0.00%	100.00%	0.00%	0.00%	769	734	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	766	778
	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	763	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	793	758	777
	Champa	0.00%	100.00%	0.00%	0.00%	799	784	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	763	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	779
	Indore	0.00%	100.00%	0.00%	0.00%	788	755	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	763	780
	Koradi	0.00%	100.00%	0.00%	0.00%	782	760	772
	Pune	0.00%	100.00%	0.00%	0.00%	800	741	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	784	790
	Raipur PS (Durg)	0.00%	99.92%	0.08%	0.08%	804	781	786
	Sasan	0.00%	100.00%	0.00%	0.00%	777	757	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	758	772
	Seoni	0.00%	100.00%	0.00%	0.00%	793	763	778
	Sipat	0.00%	100.00%	0.00%	0.00%	773	756	764
	Sholapur	0.00%	97.15%	2.85%	2.85%	814	775	791
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	785	790	
Tirora	0.00%	100.00%	0.00%	0.00%	775	757	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	767	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	761	769	
Wardha	0.00%	100.00%	0.00%	0.00%	799	773	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	773	782
	Raichur	0.00%	99.10%	0.90%	0.90%	807	777	788
	Kurnool	0.00%	99.17%	0.83%	0.83%	806	779	789
	Thiruvalam	0.00%	95.42%	4.58%	4.58%	806	788	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	778	788
	Gaya	0.00%	100.00%	0.00%	0.00%	786	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	773	785
Sasaram	0.00%	100.00%	0.00%	0.00%	787	735	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	407
	Misa (400 kV)	0.00%	80.14%	19.86%	19.86%	424	405	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410

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