

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

**Date of Reporting: 4-Feb-17
System Reliability Indices Report for: 3-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	28.13
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 03-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%	790	745	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	764	770
	Ballia	0.00%	100.00%	0.00%	0.00%	788	758	774
	Bhiwani	0.00%	86.11%	13.89%	13.89%	809	755	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	755	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	763
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	790	790
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	758	779
	Meerut	0.00%	83.89%	12.29%	12.29%	809	757	791
	Moga	0.00%	97.22%	2.78%	2.78%	820	761	787
Phagi	0.63%	99.38%	0.00%	0.63%	794	721	778	
Unnao	0.00%	100.00%	0.00%	0.00%	773	742	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	760	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	756	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	787	761	774
	Champa	0.00%	100.00%	0.00%	0.00%	795	781	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	769	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	756	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	778
	Indore	0.00%	100.00%	0.00%	0.00%	781	755	770
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	765	778
	Koradi	0.00%	100.00%	0.00%	0.00%	783	757	768
	Pune	0.00%	100.00%	0.00%	0.00%	798	745	773
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	777	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	780
	Sasan	0.00%	100.00%	0.00%	0.00%	773	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	783	760	770
	Seoni	0.00%	100.00%	0.00%	0.00%	786	759	774
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	763
	Sholapur	0.00%	98.89%	1.11%	1.11%	801	742	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	777	784	
Tirora	0.00%	100.00%	0.00%	0.00%	775	755	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	760	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	797	764	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	762	777
	Raichur	0.00%	100.00%	0.00%	0.00%	797	766	781
	Kurnool	0.00%	100.00%	0.00%	0.00%	800	767	782
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	786	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	777	786
	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	783
Sasaram	0.00%	100.00%	0.00%	0.00%	783	731	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	409
	Misa (400 kV)	0.00%	75.59%	24.41%	24.41%	423	396	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	410

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