

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

**Date of Reporting: 16-Feb-17
System Reliability Indices Report for: 15-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	35	8.75	36.46
2	ER-NR	0	0.00	0.00
3	Import of NR	52	13.00	54.17
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	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 15-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%	788	754	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	81.46%	18.54%	18.54%	807	772	792
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	762
	Jhatikara	0.00%	84.31%	15.69%	15.69%	807	769	789
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	763	777
	Meerut	0.00%	90.21%	7.36%	7.36%	806	767	790
	Moga	0.00%	92.57%	7.43%	7.43%	806	772	788
Phagi	0.00%	100.00%	0.00%	0.00%	794	751	783	
Unnao	0.00%	100.00%	0.00%	0.00%	769	735	750	
WR	Akola	0.00%	99.93%	0.07%	0.07%	800	758	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	760	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	755	765
	Bina	0.00%	100.00%	0.00%	0.00%	787	759	778
	Champa	0.00%	99.31%	0.00%	0.00%	800	784	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	779
	Indore	0.00%	100.00%	0.00%	0.00%	794	755	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	765	784
	Koradi	0.00%	100.00%	0.00%	0.00%	788	758	773
	Pune	0.00%	99.86%	0.00%	0.00%	800	746	773
	Raigarh PS (Kotra)	0.00%	90.83%	9.17%	9.17%	802	783	792
	Raipur PS (Durg)	0.00%	76.94%	23.06%	23.06%	800	782	788
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	769
	Satna	0.00%	100.00%	0.00%	0.00%	779	756	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	762	777
	Sipat	0.00%	100.00%	0.00%	0.00%	769	755	763
	Sholapur	0.00%	98.26%	1.74%	1.74%	810	769	787
Tamnara PS	0.00%	97.43%	2.57%	2.57%	801	783	791	
Tirora	0.00%	100.00%	0.00%	0.00%	778	755	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	764	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	761	771	
Wardha	0.00%	99.93%	0.07%	0.07%	801	770	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	763	778
	Raichur	0.00%	99.10%	0.90%	0.90%	805	769	784
	Kurnool	0.00%	100.00%	0.00%	0.00%	797	769	784
	Thiruvalam	0.00%	87.78%	12.22%	12.22%	802	776	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	777	787
	Gaya	0.00%	100.00%	0.00%	0.00%	785	763	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	774	786
	Sasaram	0.14%	99.86%	0.00%	0.14%	776	727	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Balipara (400 kV)	0.00%	99.24%	0.76%	0.76%	430	397	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	408
	Misa (400 kV)	0.00%	51.11%	48.89%	48.89%	436	406	419
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409

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