

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

**Date of Reporting: 14-Feb-17
System Reliability Indices Report for: 13-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	Import of NR	18	4.50	18.75
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 13-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%	798	753	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	757	764
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	79.44%	20.56%	20.56%	809	773	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	743	768
	Jhatikara	0.00%	81.81%	18.19%	18.19%	811	769	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	758	774
	Meerut	0.00%	97.92%	1.74%	1.74%	803	753	784
	Moga	0.00%	100.00%	0.00%	0.00%	800	768	784
Phagi	0.00%	100.00%	0.00%	0.00%	797	765	781	
Unnao	0.00%	100.00%	0.00%	0.00%	772	733	750	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	768	780
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	765	778
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	761	771
	Bina	0.00%	100.00%	0.00%	0.00%	796	768	782
	Champa	0.00%	88.13%	7.01%	7.01%	802	784	796
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	771	786
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	762	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	766	782
	Indore	0.00%	100.00%	0.00%	0.00%	793	763	779
	Jabalpur	0.00%	99.38%	0.63%	0.63%	801	772	790
	Koradi	0.00%	100.00%	0.00%	0.00%	787	766	775
	Pune	0.00%	100.00%	0.00%	0.00%	789	752	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	797	781	791
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	781	789
	Sasan	0.00%	100.00%	0.00%	0.00%	779	762	771
	Satna	0.00%	100.00%	0.00%	0.00%	787	764	776
	Seoni	0.00%	100.00%	0.00%	0.00%	796	768	783
	Sipat	0.00%	100.00%	0.00%	0.00%	776	761	769
	Sholapur	0.00%	99.86%	0.14%	0.14%	800	774	789
Tamnar PS	0.00%	100.00%	0.00%	0.00%	796	781	790	
Tirora	0.00%	100.00%	0.00%	0.00%	777	763	769	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	770	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	766	774	
Wardha	0.00%	94.86%	5.14%	5.14%	802	774	790	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	769	779
	Raichur	0.00%	100.00%	0.00%	0.00%	795	772	784
	Kurnool	0.00%	100.00%	0.00%	0.00%	797	773	784
	Thiruvalam	0.00%	78.61%	21.39%	21.39%	807	781	792
ER	Angul	0.00%	99.86%	0.14%	0.14%	800	781	792
	Gaya	0.00%	100.00%	0.00%	0.00%	789	760	774
	Jharsuguda	0.00%	75.42%	24.58%	24.58%	805	783	797
	Ranchi	0.00%	85.42%	14.58%	14.58%	805	778	794
Sasaram	0.00%	100.00%	0.00%	0.00%	777	728	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406
	Misa (400 kV)	0.00%	78.06%	21.94%	21.94%	423	404	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	408

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