

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

**Date of Reporting: 1-Mar-17
System Reliability Indices Report for: 28-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	24	6.00	25.00
2	ER-NR	0	0.00	0.00
3	Import of NR	34	8.50	35.42
4	NEW-SR	2	0.50	2.08
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
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 28-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%	789	755	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	762	766
	Ballia	0.00%	100.00%	0.00%	0.00%	777	757	765
	Bhiwani	0.00%	92.15%	7.85%	7.85%	804	767	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	759	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	743	761
	Jhatikara	0.00%	95.42%	4.58%	4.58%	804	762	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	760	773
	Meerut	0.00%	82.99%	11.67%	11.67%	808	763	788
	Moga	0.00%	100.00%	0.00%	0.00%	800	762	785
Phagi	0.00%	100.00%	0.00%	0.00%	796	763	779	
Unnao	0.00%	100.00%	0.00%	0.00%	769	740	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	760	771
	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	751	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	757	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	756	767
	Bina	0.00%	100.00%	0.00%	0.00%	791	766	778
	Champa	0.00%	86.32%	8.82%	8.82%	803	783	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	773	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	752	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	766	780
	Indore	0.00%	100.00%	0.00%	0.00%	785	759	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	775	787
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	768
	Pune	0.00%	100.00%	0.00%	0.00%	786	748	772
	Raigarh PS (Kotra)	0.00%	99.51%	0.49%	0.49%	801	780	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	793	774	788
	Sasan	0.00%	100.00%	0.00%	0.00%	774	760	766
	Satna	0.00%	100.00%	0.00%	0.00%	782	763	771
	Seoni	0.00%	100.00%	0.00%	0.00%	788	761	774
	Sipat	0.00%	100.00%	0.00%	0.00%	774	756	765
	Sholapur	0.00%	100.00%	0.00%	0.00%	796	761	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	779	791	
Tirora	0.00%	100.00%	0.00%	0.00%	773	757	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	787	760	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	763	768	
Wardha	0.00%	100.00%	0.00%	0.00%	795	765	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	766	775
	Raichur	0.00%	100.00%	0.00%	0.00%	789	763	778
	Kurnool	0.00%	100.00%	0.00%	0.00%	791	767	780
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	797	777	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	769	777
	Gaya	0.00%	100.00%	0.00%	0.00%	781	757	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	782	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	775	785
Sasaram	0.00%	100.00%	0.00%	0.00%	786	747	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	406
	Misa (400 kV)	0.00%	84.17%	15.83%	15.83%	421	396	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408

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