

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

**Date of Reporting: 11-Feb-17
System Reliability Indices Report for: 10-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	Import of NR	32	8.00	33.33
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	10	2.50	10.42
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 10-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	741	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	756	763
	Ballia	0.00%	100.00%	0.00%	0.00%	784	784	784
	Bhiwani	0.00%	80.21%	19.79%	19.79%	808	761	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	739	763
	Jhatikara	0.00%	81.25%	18.75%	18.75%	807	759	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	754	771
	Meerut	0.00%	97.29%	1.81%	1.81%	805	750	784
	Moga	0.00%	99.38%	0.63%	0.63%	803	760	784
Phagi	0.00%	100.00%	0.00%	0.00%	799	752	779	
Unnao	0.00%	100.00%	0.00%	0.00%	768	730	747	
WR	Akola	0.00%	100.00%	0.00%	0.00%	793	761	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	756	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	750	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	752	763
	Bina	0.00%	100.00%	0.00%	0.00%	795	750	780
	Champa	0.00%	100.00%	0.00%	0.00%	797	778	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	763	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	756	775
	Gwalior	0.00%	99.72%	0.28%	0.28%	801	748	780
	Indore	0.00%	100.00%	0.00%	0.00%	795	753	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	758	783
	Koradi	0.00%	100.00%	0.00%	0.00%	781	760	770
	Pune	0.00%	100.00%	0.00%	0.00%	793	748	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	776	787
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	770	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	752	768
	Satna	0.00%	100.00%	0.00%	0.00%	791	750	777
	Seoni	0.00%	100.00%	0.00%	0.00%	790	755	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	752	762
	Sholapur	0.00%	99.03%	0.97%	0.97%	803	765	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	775	787	
Tirora	0.00%	100.00%	0.00%	0.00%	775	758	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	754	770	
Wardha	0.00%	100.00%	0.00%	0.00%	796	765	778	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	765	775
	Raichur	0.00%	100.00%	0.00%	0.00%	795	765	780
	Kurmoor	0.00%	100.00%	0.00%	0.00%	794	765	779
	Thiruvalam	0.00%	90.56%	9.44%	9.44%	801	777	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	776	786
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	782
	Sasaram	0.49%	99.51%	0.00%	0.49%	766	727	748
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	388	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	406
	Misa (400 kV)	0.00%	86.74%	13.26%	13.26%	425	394	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	409

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