

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

Date of Reporting: **18-Feb-17**  
System Reliability Indices Report for: **17-Feb-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	Import of NR	30	7.50	31.25
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 17-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	751	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	762	765
	Ballia	0.00%	100.00%	0.00%	0.00%	785	760	782
	Bhiwani	0.00%	94.65%	5.35%	5.35%	802	773	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	740	757
	Jhatikara	0.00%	98.61%	1.39%	1.39%	800	765	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	762	771
	Meerut	0.00%	94.38%	3.54%	3.54%	807	764	787
	Moga	0.00%	99.17%	0.83%	0.83%	803	772	786
Phagi	0.00%	100.00%	0.00%	0.00%	793	761	778	
Unnao	0.00%	100.00%	0.00%	0.00%	773	747	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	763	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	764	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	757	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	756	764
	Bina	0.00%	100.00%	0.00%	0.00%	788	765	776
	Champa	0.00%	100.00%	0.00%	0.00%	799	782	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	768	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	788	788
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	759	777
	Indore	0.00%	100.00%	0.00%	0.00%	786	760	774
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	771	781
	Koradi	0.00%	100.00%	0.00%	0.00%	779	758	770
	Pune	0.00%	100.00%	0.00%	0.00%	795	748	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	779	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	782
	Sasan	0.00%	100.00%	0.00%	0.00%	775	762	769
	Satna	0.00%	100.00%	0.00%	0.00%	783	760	773
	Seoni	0.00%	100.00%	0.00%	0.00%	792	764	779
	Sipat	0.00%	100.00%	0.00%	0.00%	768	755	762
	Sholapur	0.00%	98.26%	1.74%	1.74%	810	771	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	779	786	
Tirora	0.00%	100.00%	0.00%	0.00%	773	756	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	768	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	771	
Wardha	0.00%	100.00%	0.00%	0.00%	800	772	787	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	765	777
	Raichur	0.00%	100.00%	0.00%	0.00%	799	770	784
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	770	784
	Thiruvalam	0.00%	78.75%	21.25%	21.25%	804	779	791
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	770	784
	Gaya	0.00%	100.00%	0.00%	0.00%	782	757	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	775	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	772	784
Sasaram	0.00%	100.00%	0.00%	0.00%	754	728	745	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	386	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	405
	Misa (400 kV)	0.00%	86.94%	13.06%	13.06%	425	395	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407

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