

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

Date of Reporting: **24-Feb-17**  
System Reliability Indices Report for: **23-Feb-17**

**Percentage (%) of times ATC 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
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 23-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	756	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	760	769
	Ballia	0.00%	100.00%	0.00%	0.00%	783	756	770
	Bhiwani	0.00%	85.76%	14.24%	14.24%	804	769	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	765	765	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	743	762
	Jhatikara	0.00%	88.89%	11.11%	11.11%	804	766	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	790	758	778
	Meerut	0.00%	93.06%	4.86%	4.86%	808	770	790
	Moga	0.00%	99.65%	0.35%	0.35%	801	769	785
Phagi	0.00%	100.00%	0.00%	0.00%	795	763	778	
Unnao	0.00%	100.00%	0.00%	0.00%	777	746	764	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	757	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	750	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	791	760	775
	Champa	0.00%	98.61%	0.00%	0.00%	800	779	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	752	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	762	778
	Indore	0.00%	100.00%	0.00%	0.00%	788	754	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	764	782
	Koradi	0.00%	100.00%	0.00%	0.00%	782	755	770
	Pune	0.00%	100.00%	0.00%	0.00%	797	756	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	800	774	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	773	782
	Sasan	0.00%	100.00%	0.00%	0.00%	773	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	782	756	769
	Seoni	0.00%	100.00%	0.00%	0.00%	792	756	773
	Sipat	0.00%	100.00%	0.00%	0.00%	771	753	761
	Sholapur	0.00%	97.92%	2.08%	2.08%	803	757	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	799	775	787	
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	786	763	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	769	
Wardha	0.00%	99.31%	0.69%	0.69%	804	760	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	760	772
	Raichur	0.00%	100.00%	0.00%	0.00%	795	757	777
	Kurmoor	0.00%	100.00%	0.00%	0.00%	798	760	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	800	0	782
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	775	784
	Gaya	0.00%	100.00%	0.00%	0.00%	784	754	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	778	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	760	779
Sasaram	0.00%	100.00%	0.00%	0.00%	781	750	767	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	Balipara (400 kV)	0.00%	98.26%	1.74%	1.74%	427	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	Misa (400 kV)	0.00%	70.83%	29.17%	29.17%	433	399	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411

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