

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

**Date of Reporting: 5-Feb-17  
System Reliability Indices Report for: 4-Feb-17**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	7	1.75	7.29
4	NEW-SR	0	0.00	0.00
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 04-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%	791	754	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	759	765
	Ballia	0.00%	100.00%	0.00%	0.00%	787	756	773
	Bhiwani	0.00%	74.24%	25.76%	25.76%	809	772	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	741	761
	Jhatikara	0.00%	100.00%	0.00%	0.00%	790	790	790
	Lucknow	0.00%	100.00%	0.00%	0.00%	793	758	778
	Meerut	0.00%	85.63%	11.32%	11.32%	810	761	790
	Moga	0.00%	90.28%	9.72%	9.72%	807	773	792
Phagi	0.00%	100.00%	0.00%	0.00%	795	766	783	
Unnao	0.00%	100.00%	0.00%	0.00%	770	740	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	760	777
	Aurangabad	0.00%	99.93%	0.07%	0.07%	800	745	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	758	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	756	763
	Bina	0.00%	100.00%	0.00%	0.00%	793	765	778
	Champa	0.00%	100.00%	0.00%	0.00%	797	781	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	769	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	750	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	764	782
	Indore	0.00%	100.00%	0.00%	0.00%	792	761	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	769	784
	Koradi	0.00%	100.00%	0.00%	0.00%	784	756	768
	Pune	0.00%	100.00%	0.00%	0.00%	795	747	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	777	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	769	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	759	766
	Satna	0.00%	100.00%	0.00%	0.00%	785	762	774
	Seoni	0.00%	100.00%	0.00%	0.00%	788	756	773
	Sipat	0.00%	100.00%	0.00%	0.00%	768	755	761
	Sholapur	0.00%	99.44%	0.56%	0.56%	807	759	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	791	777	784	
Tirora	0.00%	100.00%	0.00%	0.00%	775	755	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	759	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	798	757	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	768	779
	Raichur	0.00%	100.00%	0.00%	0.00%	797	761	782
	Kurmoor	0.00%	100.00%	0.00%	0.00%	797	769	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	786	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	778	788
	Gaya	0.00%	100.00%	0.00%	0.00%	788	757	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	784
Sasaram	0.00%	100.00%	0.00%	0.00%	785	734	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	410
	Misa (400 kV)	0.00%	78.83%	21.17%	21.17%	424	404	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	411

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