

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

**Date of Reporting: 7-Feb-17  
System Reliability Indices Report for: 6-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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	4.17
4	NEW-SR	8	2.00	8.33
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	1	0.25	1.04
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 06-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	756	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	760	766
	Ballia	0.00%	100.00%	0.00%	0.00%	786	753	772
	Bhiwani	0.00%	79.17%	20.83%	20.83%	810	772	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	746	762
	Jhatikara	0.00%	97.78%	2.22%	2.22%	803	773	788
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	761	780
	Meerut	0.00%	88.13%	8.06%	8.06%	809	765	791
	Moga	0.00%	99.03%	0.97%	0.97%	817	764	785
Phagi	0.00%	99.65%	0.35%	0.35%	803	766	781	
Unnao	0.00%	100.00%	0.00%	0.00%	773	742	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	759	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	754	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	755	762
	Bina	0.00%	100.00%	0.00%	0.00%	790	761	774
	Champa	0.00%	100.00%	0.00%	0.00%	799	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	768	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	761	778
	Indore	0.00%	100.00%	0.00%	0.00%	788	755	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	767	779
	Koradi	0.00%	100.00%	0.00%	0.00%	772	755	765
	Pune	0.00%	100.00%	0.00%	0.00%	792	746	768
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	799	777	789
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	769	785
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	763
	Satna	0.00%	100.00%	0.00%	0.00%	783	757	769
	Seoni	0.00%	100.00%	0.00%	0.00%	787	759	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	761
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	763	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	777	788	
Tirora	0.00%	100.00%	0.00%	0.00%	768	754	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	796	766	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	797	764	780
	Kurmoor	0.00%	100.00%	0.00%	0.00%	800	767	781
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	790	789	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	794	777	786
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	777	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	785
Sasaram	0.00%	100.00%	0.00%	0.00%	779	749	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	Misa (400 kV)	0.00%	84.62%	15.38%	15.38%	422	405	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410

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