

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

**Date of Reporting: 3-Feb-17  
System Reliability Indices Report for: 2-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	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	14	3.50	14.58
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 02-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%	794	753	777
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	762	771
	Ballia	0.00%	100.00%	0.00%	0.00%	789	759	774
	Bhiwani	0.00%	75.49%	24.51%	24.51%	813	774	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	763
	Jhatikara	0.00%	80.63%	19.38%	19.38%	811	770	790
	Lucknow	0.00%	100.00%	0.00%	0.00%	798	765	780
	Meerut	0.00%	70.83%	21.67%	21.67%	808	763	791
	Moga	0.00%	89.03%	10.97%	10.97%	803	773	786
Phagi	0.00%	100.00%	0.00%	0.00%	799	766	781	
Unnao	0.00%	100.00%	0.00%	0.00%	776	742	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	764	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	760	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	758	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	762	776
	Champa	0.00%	100.00%	0.00%	0.00%	797	782	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	769	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	759	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	765	780
	Indore	0.00%	100.00%	0.00%	0.00%	784	760	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	768	781
	Koradi	0.00%	100.00%	0.00%	0.00%	779	759	770
	Pune	0.00%	99.10%	0.00%	0.00%	800	750	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	778	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	778	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	789	763	774
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	774
	Sipat	0.00%	100.00%	0.00%	0.00%	772	757	764
	Sholapur	0.00%	98.40%	1.60%	1.60%	807	773	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	779	786	
Tirora	0.00%	100.00%	0.00%	0.00%	773	757	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	762	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	797	768	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	768	779
	Raichur	0.00%	100.00%	0.00%	0.00%	797	768	782
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	769	783
	Thiruvalam	0.00%	75.35%	24.65%	24.65%	808	784	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	796	775	786
	Gaya	0.00%	100.00%	0.00%	0.00%	789	757	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	783
	Sasaram	0.63%	99.38%	0.00%	0.63%	785	726	757
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	409
	Misa (400 kV)	0.00%	92.85%	7.15%	7.15%	425	403	416
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	410

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