

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

Date of Reporting: **8-Feb-17**  
System Reliability Indices Report for: **7-Feb-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
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**

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 07-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%	786	749	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	762	768
	Ballia	0.00%	100.00%	0.00%	0.00%	788	782	784
	Bhiwani	0.00%	82.64%	17.36%	17.36%	807	766	791
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	736	762
	Jhatikara	0.00%	93.19%	6.81%	6.81%	806	754	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	795	761	778
	Meerut	0.00%	90.83%	4.58%	4.58%	805	758	791
	Moga	0.00%	99.38%	0.63%	0.63%	801	770	789
Phagi	0.00%	100.00%	0.00%	0.00%	799	757	779	
Unnao	0.00%	100.00%	0.00%	0.00%	773	738	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	753	775
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	755	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	756	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	757	763
	Bina	0.00%	100.00%	0.00%	0.00%	787	759	775
	Champa	0.00%	97.15%	0.69%	0.69%	801	785	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	771	781
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	760	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	777
	Indore	0.00%	100.00%	0.00%	0.00%	786	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	765	782
	Koradi	0.00%	100.00%	0.00%	0.00%	781	750	768
	Pune	0.00%	100.00%	0.00%	0.00%	791	742	767
	Raigarh PS (Kotra)	0.00%	92.85%	7.15%	7.15%	802	782	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	772	788
	Sasan	0.00%	100.00%	0.00%	0.00%	772	756	765
	Satna	0.00%	100.00%	0.00%	0.00%	782	756	771
	Seoni	0.00%	100.00%	0.00%	0.00%	786	762	773
	Sipat	0.00%	100.00%	0.00%	0.00%	767	756	761
	Sholapur	0.00%	99.72%	0.28%	0.28%	802	766	780
Tamnara PS	0.00%	99.93%	0.07%	0.07%	800	782	792	
Tirora	0.00%	100.00%	0.00%	0.00%	774	751	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	760	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	100.00%	0.00%	0.00%	798	768	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	764	774
	Raichur	0.00%	100.00%	0.00%	0.00%	792	763	777
	Kurmoor	0.00%	100.00%	0.00%	0.00%	791	765	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	790	779	785
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	780	788
	Gaya	0.00%	100.00%	0.00%	0.00%	787	758	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	782	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	774	786
Sasaram	0.00%	100.00%	0.00%	0.00%	779	746	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	99.79%	0.21%	0.21%	425	388	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	407
	Misa (400 kV)	0.00%	97.24%	2.76%	2.76%	430	396	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410

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