

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

Date of Reporting: **6-Jan-17**  
System Reliability Indices Report for: **5-Jan-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	48	12.00	50.00
2	ER-NR	0	0.00	0.00
3	Import of NR	26	6.50	27.08
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	13	3.25	13.54
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 05-Jan-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%	787	755	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	757	764
	Ballia	0.00%	100.00%	0.00%	0.00%	791	756	773
	Bhiwani	0.00%	97.64%	2.36%	2.36%	807	768	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	758	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	746	760
	Jhatikara	0.00%	88.40%	11.60%	11.60%	805	765	784
	Lucknow	0.00%	91.11%	8.89%	8.89%	803	765	782
	Meerut	0.00%	98.13%	1.11%	1.11%	806	766	784
	Moga	0.00%	100.00%	0.00%	0.00%	795	766	782
Phagi	0.00%	100.00%	0.00%	0.00%	793	760	775	
Unnao	0.00%	100.00%	0.00%	0.00%	774	738	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	753	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	750	772
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	750	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	789	756	774
	Champa	0.00%	98.61%	0.00%	0.00%	800	777	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	764	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	759	775
	Indore	0.00%	100.00%	0.00%	0.00%	790	754	775
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	762	781
	Koradi	0.00%	100.00%	0.00%	0.00%	778	752	765
	Pune	0.00%	100.00%	0.00%	0.00%	798	750	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	774	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	768	778
	Sasan	0.00%	100.00%	0.00%	0.00%	775	756	766
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	770
	Seoni	0.00%	100.00%	0.00%	0.00%	787	751	771
	Sipat	0.00%	100.00%	0.00%	0.00%	771	752	762
	Sholapur	0.00%	97.64%	2.36%	2.36%	805	759	781
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	774	784	
Tirora	0.00%	100.00%	0.00%	0.00%	772	753	762	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	762	769	
Wardha	0.00%	100.00%	0.00%	0.00%	797	753	775	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	774	784
	Raichur	0.00%	100.00%	0.00%	0.00%	796	762	780
	Kurnool	0.00%	100.00%	0.00%	0.00%	797	766	782
	Thiruvalam	0.00%	75.21%	24.79%	24.79%	809	784	794
ER	Angul	0.00%	99.10%	0.90%	0.90%	800	782	792
	Gaya	0.00%	100.00%	0.00%	0.00%	789	754	771
	Jharsuguda	0.00%	92.92%	7.08%	7.08%	804	779	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	766	780
Sasaram	0.00%	100.00%	0.00%	0.00%	782	748	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	410
	Balipara (400 kV)	0.00%	97.43%	2.57%	2.57%	432	393	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	409
	Misa (400 kV)	0.00%	60.90%	39.10%	39.10%	435	398	416
	Silchar (400 kV)	0.00%	63.75%	36.25%	36.25%	428	393	416

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