

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

Date of Reporting: **9-Jan-17**  
System Reliability Indices Report for: **8-Jan-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	1	0.25	1.04
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 08-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%	790	758	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	743	759
	Moga	0.00%	100.00%	0.00%	0.00%	796	772	783
	Phagi	0.00%	100.00%	0.00%	0.00%	795	767	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	770	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	763	777
	Sholapur	0.00%	98.82%	1.18%	1.18%	809	766	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	763	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	785
	Raichur	0.00%	99.65%	0.35%	0.35%	804	770	784
	Thiruvalam	0.00%	63.89%	36.11%	36.11%	809	789	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	758	775
	Jharsuguda	0.00%	74.93%	25.07%	25.07%	807	784	795
	Ranchi	0.00%	99.58%	0.42%	0.42%	800	774	787
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	410
	Silchar (400 kV)	0.00%	81.46%	18.54%	18.54%	428	401	415

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