

**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
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	746	760
	Moga	0.00%	100.00%	0.00%	0.00%	795	766	782
	Phagi	0.00%	100.00%	0.00%	0.00%	793	760	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	0	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	764	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	759	775
	Sholapur	0.00%	97.64%	2.36%	2.36%	805	759	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	761	777
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
	Thiruvalam	0.00%	75.21%	24.79%	24.79%	809	784	794
ER	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
NER	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
	Silchar (400 kV)	0.00%	63.75%	36.25%	36.25%	428	393	416

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