

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

Date of Reporting: **18-Dec-16**  
System Reliability Indices Report for: **17-Dec-16**

**Percentage (%) of times ATC 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	7	1.75	7.29
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 17-Dec-2016

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%	791	749	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	739	757
	Moga	0.00%	100.00%	0.00%	0.00%	799	761	781
	Phagi	0.00%	100.00%	0.00%	0.00%	799	757	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	756	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	767	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	752	777
	Sholapur	0.00%	98.40%	1.60%	1.60%	803	757	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	784
	Raichur	0.00%	100.00%	0.00%	0.00%	800	762	785
	Thiruvalam	0.00%	65.21%	34.79%	34.79%	812	785	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	749	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	778
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412

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