

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

Date of Reporting: **13-Dec-15**  
System Reliability Indices Report for: **12-Dec-15**

**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	NEW-SR	0	0.00	0.00
4	ER-NER	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	NEW-SR	0	0.00	0.00
4	ER-NER	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 12-Dec-2015

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%	792	748	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	732	751
	Moga	0.00%	98.89%	1.11%	1.11%	801	765	783
	Phagi	0.00%	100.00%	0.00%	0.00%	786	745	765
WR	Aurangabad	0.00%	98.82%	0.00%	0.00%	800	752	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	756	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	752	773
	Sholapur	0.00%	71.53%	14.51%	14.51%	813	766	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	782	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	774	787
	Raichur	0.00%	99.51%	0.49%	0.49%	803	0	786
	Thiruvalam	0.00%	34.93%	65.07%	65.07%	818	790	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	757	736	751
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	774	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	763	763	763
NER	Balipara (400 kV)	0.00%	91.46%	8.54%	8.54%	426	390	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	408
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	420	399	412

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