

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

**Date of Reporting: 14-Dec-15  
System Reliability Indices Report for: 13-Dec-15**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	14	3.50	14.58
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 13-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%	793	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	757
	Moga	0.00%	99.17%	0.83%	0.83%	808	759	781
	Phagi	0.00%	100.00%	0.00%	0.00%	786	749	768
WR	Aurangabad	0.00%	98.75%	0.00%	0.00%	800	745	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	748	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	756	775
	Sholapur	0.00%	64.72%	27.85%	27.85%	813	757	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	782	782
SR	Nellore PS	0.00%	94.65%	5.35%	5.35%	803	776	791
	Raichur	0.00%	89.79%	10.21%	10.21%	807	762	790
	Thiruvalam	0.00%	9.86%	90.14%	90.14%	819	797	809
ER	Gaya	0.00%	100.00%	0.00%	0.00%	756	756	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	765	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	763	763	763
NER	Balipara (400 kV)	0.00%	81.60%	18.40%	18.40%	424	392	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	389	409
	Silchar (400 kV)	0.00%	96.94%	3.06%	3.06%	422	400	413

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