

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

**Date of Reporting: 19-Dec-15  
System Reliability Indices Report for: 18-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 18-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%	794	751	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	750	766
	Moga	0.00%	98.68%	1.32%	1.32%	801	762	779
	Phagi	0.00%	100.00%	0.00%	0.00%	784	747	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	759	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	752	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	751	775
	Sholapur	0.00%	80.76%	17.92%	17.92%	810	759	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	760	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	765	781
	Raichur	0.00%	97.92%	2.08%	2.08%	803	763	786
	Thiruvalam	0.00%	84.31%	15.69%	15.69%	808	789	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	751	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	766	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	774	752	765
NER	Balipara (400 kV)	0.00%	65.21%	34.79%	34.79%	431	398	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	386	403
	Silchar (400 kV)	0.00%	96.18%	3.82%	3.82%	421	399	411

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