

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

**Date of Reporting: 17-Dec-15  
System Reliability Indices Report for: 16-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	7	1.75	7.29
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 16-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%	796	736	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	740	765
	Moga	0.00%	100.00%	0.00%	0.00%	798	747	775
	Phagi	0.00%	100.00%	0.00%	0.00%	789	738	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	742	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	753	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	742	775
	Sholapur	0.00%	86.96%	8.09%	8.09%	808	755	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	749	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	773	786
	Raichur	0.00%	89.83%	10.17%	10.17%	804	766	787
	Thiruvallam	0.00%	29.82%	70.18%	70.18%	816	0	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	742	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	766	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	751	763
NER	Balipara (400 kV)	0.00%	73.08%	26.92%	26.92%	435	404	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409

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