

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

Date of Reporting: **28-Dec-15**  
System Reliability Indices Report for: **27-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	9	2.25	9.38
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 27-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%	797	748	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	737	758
	Moga	0.00%	97.15%	2.85%	2.85%	805	759	784
	Phagi	0.00%	100.00%	0.00%	0.00%	788	742	767
WR	Aurangabad	0.00%	91.52%	8.48%	8.48%	806	762	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	780	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	750	777
	Sholapur	0.00%	36.09%	55.70%	55.70%	820	778	801
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	780
SR	Nellore PS	0.00%	78.86%	21.14%	21.14%	807	780	794
	Raichur	0.00%	44.23%	55.77%	55.77%	813	781	799
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	804	804	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	732	752
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	768	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	768	776
NER	Balipara (400 kV)	0.00%	50.83%	49.17%	49.17%	434	400	419
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	407
	Silchar (400 kV)	0.00%	99.93%	0.07%	0.07%	420	402	413

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