

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

**Date of Reporting: 26-Dec-15
System Reliability Indices Report for: 25-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	11	2.75	11.46
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 25-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	740	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	730	754
	Moga	0.00%	100.00%	0.00%	0.00%	798	760	780
	Phagi	0.00%	100.00%	0.00%	0.00%	789	738	766
WR	Aurangabad	0.00%	94.31%	5.69%	5.69%	808	764	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	786	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	743	776
	Sholapur	0.00%	54.24%	44.65%	44.65%	819	776	798
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	765	783
SR	Nellore PS	0.00%	70.28%	29.72%	29.72%	812	782	795
	Raichur	0.00%	47.08%	52.92%	52.92%	816	0	799
	Thiruvalam	0.00%	0.00%	100.00%	100.00%	804	804	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	775	757	758
	Jharsuguda	0.00%	89.38%	10.63%	10.63%	804	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
NER	Balipara (400 kV)	0.00%	56.04%	43.96%	43.96%	437	402	418
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	420	388	405
	Silchar (400 kV)	0.00%	99.38%	0.63%	0.63%	421	398	412

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