

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

Date of Reporting: **25-Dec-15**
System Reliability Indices Report for: **24-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	48	12.00	50.00
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	1	0.25	1.04
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 24-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	745	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	738	753
	Moga	0.00%	99.38%	0.63%	0.63%	801	759	781
	Phagi	0.00%	100.00%	0.00%	0.00%	785	739	766
WR	Aurangabad	0.00%	96.60%	3.40%	3.40%	806	755	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	756	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	749	773
	Sholapur	0.00%	61.18%	37.85%	37.85%	818	764	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	763	784
SR	Nellore PS	0.00%	82.50%	17.50%	17.50%	807	775	790
	Raichur	0.00%	77.15%	22.85%	22.85%	813	766	792
	Thiruvalam	0.00%	15.69%	84.31%	84.31%	819	0	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	755	764
	Jharsuguda	0.00%	99.72%	0.28%	0.28%	801	768	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	763	775
NER	Balipara (400 kV)	0.00%	67.22%	32.78%	32.78%	430	399	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	402
	Silchar (400 kV)	0.00%	91.94%	8.06%	8.06%	422	400	412

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