

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

Date of Reporting: **24-Dec-15**
System Reliability Indices Report for: **23-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	22	5.50	22.92
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 23-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%	789	748	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	738	753
	Moga	0.00%	99.44%	0.56%	0.56%	801	765	780
	Phagi	0.00%	100.00%	0.00%	0.00%	784	741	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	752	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	775	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	769
	Sholapur	0.00%	67.99%	29.72%	29.72%	813	763	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	757	780
SR	Nellore PS	0.00%	86.88%	13.13%	13.13%	807	774	790
	Raichur	0.00%	73.40%	26.60%	26.60%	814	768	792
	Thiruvalam	0.00%	27.52%	72.48%	72.48%	819	0	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	745	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	767	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	754	769
NER	Balipara (400 kV)	0.00%	59.72%	40.28%	40.28%	442	393	418
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	420	389	406
	Silchar (400 kV)	0.00%	73.89%	26.11%	26.11%	427	401	415

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