

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **11-Dec-15**
System Reliability Indices Report for: **10-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	25	6.25	26.04
2	ER-NR	4	1.00	4.17
3	NEW-SR	5	1.25	5.21
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	1	0.25	1.04
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 10-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%	790	741	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	732	755
	Moga	0.00%	97.00%	3.00%	3.00%	807	763	780
	Phagi	0.00%	100.00%	0.00%	0.00%	781	743	763
WR	Aurangabad	0.00%	97.08%	0.00%	0.00%	800	757	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	744	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	769
	Sholapur	0.00%	72.71%	26.38%	26.38%	811	769	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	776
SR	Nellore PS	0.00%	99.37%	0.63%	0.63%	801	770	785
	Raichur	0.00%	33.85%	66.15%	66.15%	801	774	797
	Thiruvalam	0.00%	47.94%	52.06%	52.06%	822	0	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	769	742	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	783	756	771
	Ranchi	0.00%	100.00%	0.00%	0.00%	765	744	755
NER	Balipara (400 kV)	0.00%	82.83%	17.17%	17.17%	423	395	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	410
	Silchar (400 kV)	0.00%	96.79%	3.21%	3.21%	421	401	413

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