

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

Date of Reporting: **29-Dec-15**
System Reliability Indices Report for: **28-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	28	7.00	29.17
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 28-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%	792	751	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	737	753
	Moga	0.00%	99.93%	0.07%	0.07%	800	767	783
	Phagi	0.00%	100.00%	0.00%	0.00%	786	745	765
WR	Aurangabad	0.00%	99.31%	0.69%	0.69%	804	748	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	784	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	749	775
	Sholapur	0.00%	6.25%	89.93%	89.93%	814	792	805
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	759	777
SR	Nellore PS	0.00%	74.24%	25.76%	25.76%	808	772	793
	Raichur	0.00%	49.10%	50.90%	50.90%	813	766	797
	Thiruvalam	0.00%	3.40%	96.60%	96.60%	819	798	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	762	0	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	768	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	775
NER	Balipara (400 kV)	0.00%	63.75%	36.25%	36.25%	438	401	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	402
	Silchar (400 kV)	0.00%	98.40%	1.60%	1.60%	420	400	412

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