

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

**Date of Reporting: 22-Dec-15
System Reliability Indices Report for: 21-Dec-15**

Percentage (%) of times ATC 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	31	7.75	32.29
4	ER-NER	29	7.25	30.21

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	25	6.25	26.04

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 21-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%	797	742	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	729	760
	Moga	0.00%	98.05%	1.95%	1.95%	804	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	791	739	765
WR	Aurangabad	0.00%	99.24%	0.76%	0.76%	803	750	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	756	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	746	774
	Sholapur	0.00%	57.75%	36.97%	36.97%	815	760	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	760	779
SR	Nellore PS	0.00%	94.44%	5.56%	5.56%	804	770	788
	Raichur	0.00%	59.56%	40.44%	40.44%	814	766	793
	Thiruvalam	0.00%	22.79%	77.21%	77.21%	820	789	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	749	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	766	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	779	752	765
NER	Balipara (400 kV)	0.00%	63.03%	36.97%	36.97%	431	392	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	386	407
	Silchar (400 kV)	0.00%	72.34%	27.66%	27.66%	428	393	415

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