

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

**Date of Reporting: 15-Dec-15
System Reliability Indices Report for: 14-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	21	5.25	21.88
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 14-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	746	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	733	755
	Moga	0.00%	100.00%	0.00%	0.00%	797	755	778
	Phagi	0.00%	100.00%	0.00%	0.00%	792	739	766
WR	Aurangabad	0.00%	93.68%	0.00%	0.00%	800	748	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	745	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	748	776
	Sholapur	0.00%	66.25%	32.08%	32.08%	815	758	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	756	780
SR	Nellore PS	0.00%	98.19%	1.81%	1.81%	802	768	786
	Raichur	0.00%	91.46%	8.54%	8.54%	806	758	787
	Thiruvalam	0.00%	44.03%	55.97%	55.97%	817	788	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	756	756	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	760	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	771	748	761
NER	Balipara (400 kV)	0.00%	79.44%	20.56%	20.56%	425	394	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	384	406
	Silchar (400 kV)	0.00%	93.89%	6.11%	6.11%	422	397	412

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