

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

**System Reliability Indices Report for the week from
14-Dec-2015 to 20-Dec-2015**

Date: 24-Dec-2015

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	Import of NR	71	17.75	10.57
4	NEW-SR	0	0.00	0.00
5	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	Import of NR	0	0.00	0.00
4	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 week from 14-Dec-2015 to 20-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%	99.97%	0.03%	0.03%	801	736	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	730	763
	Moga	0.00%	98.69%	1.31%	1.31%	808	747	779
	Phagi	0.00%	100.00%	0.00%	0.00%	792	738	765
WR	Aurangabad	0.00%	98.74%	0.36%	0.36%	804	742	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	745	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	742	775
	Sholapur	0.00%	77.42%	18.56%	18.56%	815	755	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	749	778
SR	Nellore PS	0.00%	99.29%	0.71%	0.71%	804	765	786
	Raichur	0.00%	89.83%	10.17%	10.17%	810	758	788
	Thiruvallam	0.00%	44.84%	55.16%	55.16%	821	0	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	741	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	760	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	777	747	763
NER	Balipara (400 kV)	0.00%	74.67%	25.33%	25.33%	435	394	413
	Bongaigaon (400 kV)	0.00%	99.99%	0.01%	0.01%	420	381	402
	Silchar (400 kV)	0.00%	93.33%	6.67%	6.67%	425	392	410

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