

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

**System Reliability Indices Report for the week from
07-Dec-2015 to 13-Dec-2015**

Date: 17-Dec-2015

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	34	8.50	5.06
2	ER-NR	4	1.00	0.60
3	Import of NR	62	15.50	9.23
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	2	0.50	0.30
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 07-Dec-2015 to 13-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%	794	735	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	732	759
	Moga	0.00%	97.57%	2.43%	2.43%	811	748	781
	Phagi	0.00%	100.00%	0.00%	0.00%	789	739	766
WR	Aurangabad	0.00%	99.13%	0.00%	0.00%	800	745	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	742	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	740	773
	Sholapur	0.00%	71.14%	23.97%	23.97%	813	757	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	754	778
SR	Nellore PS	0.00%	98.66%	1.34%	1.34%	803	765	786
	Raichur	0.00%	73.50%	26.50%	26.50%	807	0	788
	Thiruvalam	0.00%	37.75%	62.25%	62.25%	827	0	805
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	736	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	754	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	743	761
NER	Balipara (400 kV)	0.00%	84.61%	15.39%	15.39%	427	383	412
	Bongaigaon (400 kV)	0.01%	99.87%	0.12%	0.13%	420	379	408
	Silchar (400 kV)	0.00%	94.59%	5.41%	5.41%	422	399	413

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