

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

**Date of Reporting: 27-Dec-15
System Reliability Indices Report for: 26-Dec-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	14.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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 26-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%	793	745	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	732	755
	Moga	0.00%	97.99%	2.01%	2.01%	803	760	780
	Phagi	0.00%	100.00%	0.00%	0.00%	788	742	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	774	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	758	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	752	774
	Sholapur	0.00%	54.65%	38.19%	38.19%	815	779	797
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	762	782
SR	Nellore PS	0.00%	76.81%	23.19%	23.19%	810	781	794
	Raichur	0.00%	59.05%	40.95%	40.95%	814	0	798
	Thiruvallam	0.00%	0.00%	100.00%	100.00%	804	804	804
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	742	763
	Jharsuguda	0.00%	99.65%	0.35%	0.35%	800	768	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	776
NER	Balipara (400 kV)	0.00%	55.35%	44.65%	44.65%	430	401	418
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	386	404
	Silchar (400 kV)	0.00%	92.50%	7.50%	7.50%	422	397	412

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