

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

**Date of Reporting: 31-Dec-15
System Reliability Indices Report for: 30-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	2	0.50	2.08
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 30-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%	796	752	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	740	754
	Moga	0.00%	96.96%	3.04%	3.04%	806	765	782
	Phagi	0.00%	100.00%	0.00%	0.00%	789	743	761
WR	Aurangabad	0.00%	99.65%	0.35%	0.35%	802	755	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	784	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	757	775
	Sholapur	0.00%	80.21%	12.84%	12.84%	813	765	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	758	779
SR	Nellore PS	0.00%	99.29%	0.71%	0.71%	804	-789	789
	Raichur	0.00%	97.52%	2.48%	2.48%	812	768	787
	Thiruvalam	0.00%	46.07%	53.93%	53.93%	814	0	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	770	741	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	767	776
NER	Balipara (400 kV)	0.00%	67.38%	32.62%	32.62%	432	401	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	405
	Silchar (400 kV)	0.00%	89.22%	10.78%	10.78%	422	401	411

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