

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

**Date of Reporting: 1-Jan-16
System Reliability Indices Report for: 31-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	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 31-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%	791	746	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	736	754
	Moga	0.00%	97.43%	2.57%	2.57%	804	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	788	743	762
WR	Aurangabad	0.00%	97.78%	2.22%	2.22%	805	758	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	760	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	748	771
	Sholapur	0.00%	49.93%	37.57%	37.57%	815	768	796
	Vadodara	0.00%	97.64%	2.36%	2.36%	804	766	785
SR	Nellore PS	0.00%	99.16%	0.84%	0.84%	801	-795	790
	Raichur	0.00%	77.08%	22.92%	22.92%	810	768	794
	Thiruvalam	0.00%	22.53%	77.47%	77.47%	814	0	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	731	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	772	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	775
NER	Balipara (400 kV)	0.00%	73.26%	26.74%	26.74%	427	398	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	410

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