

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **16-Dec-15**
System Reliability Indices Report for: **15-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	1	0.25	1.04
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 15-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	744	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	744	759
	Moga	0.00%	99.79%	0.21%	0.21%	801	754	777
	Phagi	0.00%	100.00%	0.00%	0.00%	789	742	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	751	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	749	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	748	773
	Sholapur	0.00%	83.47%	9.51%	9.51%	807	762	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	755	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	772	785
	Raichur	0.00%	97.36%	2.64%	2.64%	802	765	786
	Thiruvalam	0.00%	43.46%	56.54%	56.54%	815	418	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	756	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	766	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	773	749	761
NER	Balipara (400 kV)	0.00%	91.94%	8.06%	8.06%	431	394	407
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	420	381	401
	Silchar (400 kV)	0.00%	97.71%	2.29%	2.29%	424	396	410

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