

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

**Date of Reporting: 24-Nov-15
System Reliability Indices Report for: 23-Nov-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	22	5.50	22.92
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	12	3.00	12.50
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 23-Nov-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%	798	747	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	737	755
	Moga	0.00%	94.79%	5.21%	5.21%	810	762	782
	Phagi	0.00%	100.00%	0.00%	0.00%	791	740	767
WR	Aurangabad	0.00%	94.79%	0.00%	0.00%	800	761	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	776	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	747	773
	Sholapur	0.00%	63.26%	35.69%	35.69%	811	764	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	759	780
SR	Nellore PS	0.00%	70.69%	29.31%	29.31%	811	775	793
	Raichur	0.00%	96.88%	3.12%	3.12%	805	-791	786
	Thiruvalam	0.00%	15.56%	84.44%	84.44%	819	786	806
ER	Gaya	0.00%	100.00%	0.00%	0.00%	766	747	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	782	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	775	755	765
NER	Balipara (400 kV)	0.00%	72.36%	27.64%	27.64%	427	401	417
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	415

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