

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

Date of Reporting: **21-Dec-15**
System Reliability Indices Report for: **20-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	6	1.50	6.25
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 20-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%	99.79%	0.21%	0.21%	801	751	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	746	765
	Moga	0.00%	95.14%	4.86%	4.86%	808	772	786
	Phagi	0.00%	100.00%	0.00%	0.00%	791	745	765
WR	Aurangabad	0.00%	99.17%	0.83%	0.83%	804	751	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	755	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	750	776
	Sholapur	0.00%	72.08%	27.85%	27.85%	813	766	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	796	760	780
SR	Nellore PS	0.00%	98.96%	1.04%	1.04%	804	775	791
	Raichur	0.00%	70.90%	29.10%	29.10%	810	772	795
	Thiruvalam	0.00%	13.79%	86.21%	86.21%	819	419	807
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	743	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	765	781
	Ranchi	0.00%	100.00%	0.00%	0.00%	777	756	767
NER	Balipara (400 kV)	0.00%	66.60%	33.40%	33.40%	430	400	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	382	401
	Silchar (400 kV)	0.00%	70.90%	29.10%	29.10%	425	393	412

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