

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **21-Nov-15**
System Reliability Indices Report for: **20-Nov-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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-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%	794	742	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	736	757
	Moga	0.00%	96.88%	3.13%	3.13%	806	773	785
	Phagi	0.00%	100.00%	0.00%	0.00%	793	741	768
WR	Aurangabad	0.00%	96.88%	0.00%	0.00%	800	738	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	764	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	743	772
	Sholapur	0.00%	67.71%	28.89%	28.89%	810	749	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	759	780
SR	Nellore PS	0.00%	68.13%	31.88%	31.88%	812	773	794
	Raichur	0.00%	88.27%	11.73%	11.73%	805	-797	787
	Thiruvalam	0.00%	17.99%	82.01%	82.01%	826	788	808
ER	Gaya	0.00%	100.00%	0.00%	0.00%	771	750	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	782	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	776	755	764
NER	Balipara (400 kV)	0.00%	77.50%	22.50%	22.50%	427	392	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	413

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