

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

**Date of Reporting: 13-May-15
System Reliability Indices Report for: 12-May-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	13	3.25	13.54
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 12-May-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%	799	752	773
	Ballia	0.00%	100.00%	0.00%	0.00%	790	743	762
	Bhiwani	0.00%	94.03%	5.97%	5.97%	804	766	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	743	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	735	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	760	758	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	753	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	744	778
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	757	780
	Nellore PS	0.00%	98.68%	0.00%	0.00%	800	770	781
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	382	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	789	748	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	740	758
	Binaguri (400 kV)	0.00%	95.42%	4.58%	4.58%	422	406	414
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	407
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	410

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