

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

**Date of Reporting: 6-Apr-15
System Reliability Indices Report for: 5-Apr-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	43	10.75	44.79
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 05-Apr-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%	790	754	773
	Ballia	0.00%	100.00%	0.00%	0.00%	796	762	777
	Bhiwani	0.00%	82.92%	17.08%	17.08%	805	766	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	743	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	0	0	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	758	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	752	770
	Sholapur	0.00%	97.50%	1.94%	1.94%	807	773	788
SR	Raichur	0.00%	99.58%	0.00%	0.00%	800	771	781
	Nellore PS	0.00%	99.65%	0.00%	0.00%	800	780	787
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	405	387	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	392	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	777	764	770
	Gaya	0.00%	100.00%	0.00%	0.00%	783	752	768
	Sasaram	26.16%	73.84%	0.00%	26.16%	774	693	747
	Binaguri (400 kV)	0.00%	85.00%	15.00%	15.00%	422	407	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	Misa (400 kV)	0.00%	91.81%	2.57%	2.57%	422	404	413

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