

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

**Date of Reporting: 8-Apr-15
System Reliability Indices Report for: 7-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	0	0.00	0.00
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 07-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%	788	756	776
	Ballia	0.00%	100.00%	0.00%	0.00%	768	745	758
	Bhiwani	0.00%	74.51%	25.49%	25.49%	809	774	796
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	739	759
WR	Aurangabad	0.76%	99.24%	0.00%	0.76%	784	711	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	764	764	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	753	771
	Sholapur	0.00%	100.00%	0.00%	0.00%	796	754	777
SR	Raichur	0.00%	100.00%	0.00%	0.00%	792	762	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	773	782
	Somanhalli (400 kV)	0.28%	99.72%	0.00%	0.28%	403	379	392
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	389	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	772	755	763
	Gaya	0.00%	100.00%	0.00%	0.00%	765	0	756
	Sasaram	66.94%	33.06%	0.00%	66.94%	757	703	718
	Binaguri (400 kV)	0.00%	85.90%	14.10%	14.10%	424	409	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	402
	Bongaigaon (400 kV)	0.00%	99.79%	0.00%	0.00%	420	402	411
	Misa (400 kV)	0.00%	85.00%	5.35%	5.35%	424	406	415

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