

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

**Date of Reporting: 5-Apr-15
System Reliability Indices Report for: 4-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	19	4.75	19.79
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 04-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%	791	747	767
	Ballia	0.00%	100.00%	0.00%	0.00%	786	751	772
	Bhiwani	0.00%	94.72%	5.28%	5.28%	802	767	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	748	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	773	0	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	758	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	746	764
	Sholapur	0.00%	99.44%	0.56%	0.56%	802	765	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	796	766	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	776	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	406	383	393
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	400
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	774	761	767
	Gaya	0.00%	100.00%	0.00%	0.00%	775	744	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	739	739	739
	Binaguri (400 kV)	0.00%	99.10%	0.90%	0.90%	421	403	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Misa (400 kV)	0.00%	80.83%	14.86%	14.86%	425	400	413

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