

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **15-Apr-15**
System Reliability Indices Report for: **14-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
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 14-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%	786	754	775
	Ballia	0.00%	100.00%	0.00%	0.00%	772	748	761
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	761	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	742	760
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	770	737	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	755	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	758	775
	Sholapur	0.00%	80.35%	13.06%	13.06%	805	769	790
SR	Raichur	0.00%	90.76%	0.00%	0.00%	800	775	790
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	772	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	771	746	759
	Gaya	0.00%	100.00%	0.00%	0.00%	774	751	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	760	734	749
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	406
	Misa (400 kV)	0.00%	99.72%	0.00%	0.00%	420	403	412

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