

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **14-Apr-15**
System Reliability Indices Report for: **13-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
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 13-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%	794	759	777
	Ballia	0.00%	100.00%	0.00%	0.00%	780	747	765
	Bhiwani	0.00%	94.93%	5.07%	5.07%	803	770	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	748	765
WR	Aurangabad	0.07%	99.93%	0.00%	0.07%	790	727	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	755	734	750
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	759	776
	Sholapur	0.00%	92.64%	7.01%	7.01%	805	764	788
SR	Raichur	0.00%	99.72%	0.00%	0.00%	800	769	787
	Nellore PS	0.00%	92.71%	0.00%	0.00%	800	762	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	388	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	747	755
	Gaya	0.00%	100.00%	0.00%	0.00%	781	749	768
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	740	772
	Binaguri (400 kV)	0.00%	76.25%	23.75%	23.75%	425	404	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	403
	Bongaigaon (400 kV)	0.00%	97.64%	0.00%	0.00%	420	398	410
	Misa (400 kV)	0.00%	80.56%	15.35%	15.35%	424	401	414

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