

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

**Date of Reporting: 26-Apr-15
System Reliability Indices Report for: 25-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
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 25-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%	795	758	776
	Ballia	0.00%	99.65%	0.35%	0.35%	802	756	777
	Bhiwani	0.00%	94.38%	5.63%	5.63%	804	771	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	748	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	733	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	750	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	757	773
	Sholapur	0.00%	93.06%	5.14%	5.14%	810	762	786
SR	Raichur	0.00%	93.89%	0.00%	0.00%	800	774	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	788	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	779	762	767
	Gaya	0.00%	100.00%	0.00%	0.00%	799	757	778
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	752	770
	Binaguri (400 kV)	0.00%	52.71%	47.29%	47.29%	431	405	418
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	385	403
	Bongaigaon (400 kV)	0.00%	98.68%	0.00%	0.00%	420	394	408
	Misa (400 kV)	0.00%	23.82%	72.99%	72.99%	441	402	422

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