

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

**Date of Reporting: 2-Apr-15
System Reliability Indices Report for: 1-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	48	12.00	50.00
4	ER-NER	3	0.75	3.13

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 01-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%	792	757	775
	Ballia	0.00%	100.00%	0.00%	0.00%	775	753	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	791	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	749	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	744	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	773	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	757	770
	Sholapur	0.00%	98.61%	0.69%	0.69%	807	756	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	765	781
	Nellore PS	0.00%	83.33%	0.00%	0.00%	800	777	789
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	406	380	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	404	387	397
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	771	752	761
	Gaya	0.00%	100.00%	0.00%	0.00%	769	750	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	769	745	755
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410

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