

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

**Date of Reporting: 19-Apr-15
System Reliability Indices Report for: 18-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	11	2.75	11.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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 18-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%	788	753	771
	Ballia	0.00%	100.00%	0.00%	0.00%	772	750	761
	Bhiwani	0.00%	87.78%	12.22%	12.22%	807	761	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	741	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	779	744	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	752	769
	Sholapur	0.00%	99.86%	0.00%	0.00%	800	761	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	771	786
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	772	781
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	743	753
	Gaya	0.00%	100.00%	0.00%	0.00%	775	749	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	762	732	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	404
	Misa (400 kV)	0.00%	99.58%	0.00%	0.00%	420	401	412

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