

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

**Date of Reporting: 15-May-15
System Reliability Indices Report for: 14-May-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	23	5.75	23.96
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-May-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	756	778
	Ballia	0.14%	99.86%	0.00%	0.14%	772	727	757
	Bhiwani	0.00%	88.75%	11.25%	11.25%	805	773	790
	Fatehpur	8.76%	91.24%	0.00%	8.76%	779	704	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	737	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	755	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	765	765	765
	Sholapur	0.00%	89.74%	8.34%	8.34%	810	766	787
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	797	797
	Nellore PS	0.00%	94.73%	0.00%	0.00%	800	786	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	1.71%	98.29%	0.00%	1.71%	776	714	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	760	741	749
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	389	399
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	406
	Misa (400 kV)	0.00%	99.86%	0.14%	0.14%	421	398	408

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