

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

Date of Reporting: **8-May-15**  
System Reliability Indices Report for: **7-May-15**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	53	13.25	55.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	38	9.50	39.58
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 07-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%	785	752	768
	Ballia	0.00%	100.00%	0.00%	0.00%	773	743	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	793	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	748	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	740	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	760	752	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	750	770
	Sholapur	0.00%	84.17%	11.39%	11.39%	811	761	783
SR	Raichur	0.00%	97.64%	0.00%	0.00%	800	768	785
	Nellore PS	0.00%	89.86%	0.00%	0.00%	800	785	795
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	385	398
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	776	750	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	752	752	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	403
	Misa (400 kV)	0.00%	93.19%	5.35%	5.35%	426	399	411

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