

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

Date of Reporting: **7-May-15**  
System Reliability Indices Report for: **6-May-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	18	4.50	18.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	8	2.00	8.33
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 06-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%	781	744	762
	Ballia	0.00%	100.00%	0.00%	0.00%	770	741	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	793	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	738	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	737	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	748	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	777	743	761
	Sholapur	0.00%	98.81%	1.19%	1.19%	804	757	780
SR	Raichur	0.00%	99.86%	0.00%	0.00%	800	765	783
	Nellore PS	0.00%	98.46%	0.00%	0.00%	800	778	791
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	409	382	397
	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%	774	745	757
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	740	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	389	398
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	389	399
	Misa (400 kV)	0.00%	97.13%	1.12%	1.12%	421	401	410

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