

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

Date of Reporting: **27-Apr-15**  
System Reliability Indices Report for: **26-Apr-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
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 26-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%	798	749	776
	Ballia	0.00%	100.00%	0.00%	0.00%	797	749	770
	Bhiwani	0.00%	76.11%	23.89%	23.89%	812	761	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	740	765
WR	Aurangabad	0.28%	99.72%	0.00%	0.28%	781	720	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	754	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	748	774
	Sholapur	0.00%	95.14%	2.29%	2.29%	806	765	786
SR	Raichur	0.00%	95.28%	0.00%	0.00%	800	768	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	788	788
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	759	772
	Gaya	0.00%	100.00%	0.00%	0.00%	797	750	772
	Sasaram	0.00%	100.00%	0.00%	0.00%	772	772	772
	Binaguri (400 kV)	0.00%	97.43%	2.57%	2.57%	425	404	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	383	398
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
	Misa (400 kV)	0.00%	62.50%	34.10%	34.10%	431	400	417

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