

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

Date of Reporting: **16-Apr-15**  
System Reliability Indices Report for: **15-Apr-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
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	1	0.25	1.04
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 15-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%	791	748	774
	Ballia	0.00%	100.00%	0.00%	0.00%	771	736	760
	Bhiwani	0.00%	76.81%	23.19%	23.19%	810	767	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	734	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	734	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	759	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	751	773
	Sholapur	0.00%	85.07%	7.01%	7.01%	807	771	788
SR	Raichur	0.00%	91.53%	0.00%	0.00%	800	775	789
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	760	749	756
	Gaya	0.00%	100.00%	0.00%	0.00%	780	743	766
	Sasaram	0.35%	99.65%	0.00%	0.35%	786	725	762
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407
	Misa (400 kV)	0.00%	81.46%	6.46%	6.46%	427	402	413

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