

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

Date of Reporting: **22-Apr-15**  
System Reliability Indices Report for: **21-Apr-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	37.50
2	ER-NR	0	0.00	0.00
3	NEW-SR	48	12.00	50.00
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 21-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%	790	750	769
	Ballia	0.00%	100.00%	0.00%	0.00%	777	751	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	759	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	745	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	730	759
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	759	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	750	767
	Sholapur	0.00%	99.93%	0.07%	0.07%	802	745	776
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	755	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	0	771
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	408	382	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	763	769
	Gaya	0.00%	100.00%	0.00%	0.00%	777	753	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	790	764	774
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	388	398
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409

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