

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

Date of Reporting: **30-Apr-15**
System Reliability Indices Report for: **29-Apr-15**

Percentage (%) of times ATC 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	34	8.50	35.42
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 29-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%	789	752	770
	Ballia	0.00%	100.00%	0.00%	0.00%	761	738	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	763	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	737	754
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	736	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	765	753	757
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	752	768
	Sholapur	0.00%	95.90%	3.19%	3.19%	808	755	781
SR	Raichur	0.00%	98.06%	0.00%	0.00%	800	764	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	766	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	772	745	765
	Gaya	0.00%	100.00%	0.00%	0.00%	772	734	756
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	730	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	404
	Misa (400 kV)	0.00%	91.53%	6.39%	6.39%	428	403	413

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