

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

**Date of Reporting: 11-Apr-15  
System Reliability Indices Report for: 10-Apr-15**

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

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	24	6.00	25.00
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 10-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%	787	752	772
	Ballia	0.00%	100.00%	0.00%	0.00%	767	746	758
	Bhiwani	0.00%	80.21%	19.79%	19.79%	809	766	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	734	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	742	758
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	759	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	754	769
	Sholapur	0.00%	100.00%	0.00%	0.00%	796	756	777
SR	Raichur	0.00%	100.00%	0.00%	0.00%	792	758	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	768	779
	Somanhalli (400 kV)	7.99%	92.01%	0.00%	7.99%	403	377	390
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	391	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	773	763	767
	Gaya	0.00%	100.00%	0.00%	0.00%	764	736	751
	Sasaram	0.14%	99.86%	0.00%	0.14%	779	727	753
	Binaguri (400 kV)	0.00%	82.36%	17.64%	17.64%	423	406	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	Misa (400 kV)	0.00%	76.94%	13.26%	13.26%	423	403	414

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