

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

**Date of Reporting: 7-Apr-15  
System Reliability Indices Report for: 6-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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	6	1.50	6.25
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 06-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%	792	753	774
	Ballia	0.00%	100.00%	0.00%	0.00%	787	737	768
	Bhiwani	0.00%	73.40%	26.60%	26.60%	808	773	794
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	734	759
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	752	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	764	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	753	769
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	756	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	792	761	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	772	783
	Somanhalli (400 kV)	8.19%	91.81%	0.00%	8.19%	403	376	391
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	404	388	397
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	777	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	776	730	760
	Sasaram	100.00%	0.00%	0.00%	100.00%	717	700	706
	Binaguri (400 kV)	0.00%	89.38%	10.63%	10.63%	422	399	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	386	403
	Bongaigaon (400 kV)	0.00%	99.44%	0.00%	0.00%	420	392	410
	Misa (400 kV)	0.00%	67.22%	27.36%	27.36%	426	397	415

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