

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

**Date of Reporting: 10-Apr-15  
System Reliability Indices Report for: 9-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	0	0.00	0.00
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 09-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	752	773
	Ballia	0.00%	100.00%	0.00%	0.00%	770	747	759
	Bhiwani	0.00%	79.03%	20.97%	20.97%	815	766	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	740	758
WR	Aurangabad	1.11%	98.89%	0.00%	1.11%	780	715	753
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	759	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	753	771
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	754	776
SR	Raichur	0.00%	100.00%	0.00%	0.00%	789	759	777
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	771	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	404	381	391
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	407	389	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	759	768
	Gaya	0.00%	100.00%	0.00%	0.00%	765	737	753
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	738	754
	Binaguri (400 kV)	0.00%	82.01%	17.99%	17.99%	423	404	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	404
	Bongaigaon (400 kV)	0.00%	99.65%	0.21%	0.21%	421	396	409
	Misa (400 kV)	0.00%	95.14%	1.88%	1.88%	426	400	413

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