

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

**Date of Reporting: 17-Apr-15  
System Reliability Indices Report for: 16-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 16-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%	794	745	773
	Ballia	0.00%	100.00%	0.00%	0.00%	778	751	762
	Bhiwani	0.00%	70.42%	29.58%	29.58%	812	764	794
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	739	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	734	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	747	770
	Sholapur	0.00%	90.76%	1.04%	1.04%	803	767	786
SR	Raichur	0.00%	99.24%	0.00%	0.00%	800	771	787
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	770	781
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	763	750	757
	Gaya	0.00%	100.00%	0.00%	0.00%	787	753	770
	Sasaram	0.09%	99.91%	0.00%	0.09%	783	0	762
	Binaguri (400 kV)	0.00%	93.47%	6.53%	6.53%	421	399	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	391	407
	Misa (400 kV)	0.00%	82.57%	3.47%	3.47%	422	398	412

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