

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

**Date of Reporting: 20-Apr-15  
System Reliability Indices Report for: 19-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	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	7	1.75	7.29
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 19-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%	785	753	773
	Ballia	0.00%	100.00%	0.00%	0.00%	776	751	765
	Bhiwani	0.00%	87.85%	12.15%	12.15%	806	767	789
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	741	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	735	759
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	766	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	781	752	767
	Sholapur	0.00%	98.40%	1.32%	1.32%	812	769	782
SR	Raichur	0.00%	99.24%	0.00%	0.00%	800	776	785
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	776	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	761	746	755
	Gaya	0.00%	100.00%	0.00%	0.00%	774	748	765
	Sasaram	0.14%	99.86%	0.00%	0.14%	779	727	752
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	388	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	402
	Misa (400 kV)	0.00%	83.26%	9.44%	9.44%	425	397	412

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