

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

**Date of Reporting: 5-May-15  
System Reliability Indices Report for: 4-May-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	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	44	11.00	45.83
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	9	2.25	9.38
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 04-May-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%	784	744	762
	Ballia	0.00%	100.00%	0.00%	0.00%	776	739	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	770	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	773	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	733	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	760	749	755
	Gwalior	0.00%	100.00%	0.00%	0.00%	779	742	760
	Sholapur	0.00%	98.96%	0.83%	0.83%	805	754	774
SR	Raichur	0.00%	99.31%	0.00%	0.00%	800	760	778
	Nellore PS	0.00%	96.81%	0.00%	0.00%	800	762	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	411	380	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	408	389	400
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	780	744	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	733	755
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	406
	Misa (400 kV)	0.00%	73.54%	16.04%	16.04%	424	398	415

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