

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

**Date of Reporting: 10-May-15  
System Reliability Indices Report for: 9-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	33	8.25	34.38
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	27	6.75	28.13
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-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%	780	751	763
	Ballia	0.00%	100.00%	0.00%	0.00%	769	738	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	793	793
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	744	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	738	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	762	755	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	778	750	763
	Sholapur	0.00%	99.24%	0.76%	0.76%	804	749	778
SR	Raichur	0.00%	99.79%	0.00%	0.00%	800	761	781
	Nellore PS	0.00%	99.17%	0.00%	0.00%	800	778	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	407	384	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	775	745	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	770	738	753
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	410
NER	Balipara (400 kV)	0.00%	98.06%	0.35%	0.35%	421	386	400
	Bongaigaon (400 kV)	0.00%	98.33%	0.28%	0.28%	421	390	404
	Misa (400 kV)	0.00%	85.42%	13.47%	13.47%	429	395	409

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