

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

Date of Reporting: **2-May-15**  
System Reliability Indices Report for: **1-May-15**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	6	1.50	6.25
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
4	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
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 01-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%	793	748	775
	Ballia	0.00%	100.00%	0.00%	0.00%	779	739	760
	Bhiwani	0.00%	73.49%	26.51%	26.51%	806	762	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	743	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	772	736	757
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	754	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	771
	Sholapur	0.00%	98.40%	1.39%	1.39%	806	764	783
SR	Raichur	0.00%	99.03%	0.00%	0.00%	800	767	784
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	775	782
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	762	769
	Gaya	0.00%	100.00%	0.00%	0.00%	783	736	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	776	732	757
	Binaguri (400 kV)	0.00%	99.44%	0.56%	0.56%	420	401	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	407
	Misa (400 kV)	0.00%	77.02%	20.06%	20.06%	425	401	416

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