

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

Date of Reporting: **31-May-15**  
System Reliability Indices Report for: **30-May-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	73	18.25	76.04
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**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	19	4.75	19.79
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 30-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%	786	745	762
	Ballia	0.00%	100.00%	0.00%	0.00%	765	748	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	755	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	756	768
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	733	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	754	764
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	752	765
	Sholapur	0.00%	100.00%	0.00%	0.00%	766	766	766
SR	Raichur	0.00%	80.14%	0.00%	0.00%	800	769	786
	Nellore PS	0.00%	69.03%	0.00%	0.00%	800	784	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	386	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	774	757	765
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	750	750	750
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	0	411
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	Misa (400 kV)	0.00%	99.03%	0.35%	0.35%	422	396	407

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