

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

Date of Reporting: **27-May-15**  
System Reliability Indices Report for: **26-May-15**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	NEW-SR	33	8.25	34.38
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 26-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	743	761
	Ballia	0.00%	100.00%	0.00%	0.00%	768	737	752
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	752	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	764	764	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	735	755
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	757	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	746	763
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	761	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	790	754	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	772	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	408	381	393
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	389	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	751	761
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	775	745	760
	Binaguri (400 kV)	0.00%	98.33%	1.67%	1.67%	421	402	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402
	Bongaigaon (400 kV)	0.00%	99.30%	0.00%	0.00%	420	395	408
	Misa (400 kV)	0.00%	99.51%	0.00%	0.00%	420	397	408

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