

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

**Date of Reporting: 28-May-15
System Reliability Indices Report for: 27-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	3	0.75	3.13
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	2	0.50	2.08
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 27-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%	790	748	763
	Ballia	0.00%	100.00%	0.00%	0.00%	770	741	752
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	756	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	757	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	737	764
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	754	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	752	764
	Sholapur	0.00%	90.81%	9.05%	9.05%	810	750	784
SR	Raichur	0.00%	99.58%	0.00%	0.00%	800	759	783
	Nellore PS	0.00%	84.98%	0.00%	0.00%	800	772	790
	Somanhalli (400 kV)	0.49%	98.61%	0.91%	1.39%	424	380	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	419	389	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	761	765
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	773	773	773
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	406

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