

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

**Date of Reporting: 18-Sep-15
System Reliability Indices Report for: 17-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	59	14.75	61.46
2	ER-NR	0	0.00	0.00
3	NEW-SR	16	4.00	16.67
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	15	3.75	15.63
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 17-Sep-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	759	773
	Ballia	0.00%	100.00%	0.00%	0.00%	773	744	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	768	781
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	756	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	761	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	767	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	774
	Sholapur	0.00%	55.83%	42.22%	42.22%	810	783	798
SR	Raichur	0.00%	99.51%	0.00%	0.00%	800	782	794
	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	788	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	770	777
	Gaya	0.00%	100.00%	0.00%	0.00%	781	755	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	789	760	773
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409
NER	Balipara (400 kV)	0.00%	82.15%	15.28%	15.28%	425	406	416
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405
	Misa (400 kV)	0.00%	83.54%	7.85%	7.85%	423	406	415

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