

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

**Date of Reporting: 11-Sep-15
System Reliability Indices Report for: 10-Sep-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	47	11.75	48.96
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	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

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 10-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%	781	744	763
	Ballia	0.00%	100.00%	0.00%	0.00%	773	741	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	786	752	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	735	750
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	754	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	757	745	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	751	768
	Sholapur	0.00%	79.00%	19.05%	19.05%	808	770	789
SR	Raichur	0.00%	100.00%	0.00%	0.00%	800	774	789
	Nellore PS	0.00%	96.58%	0.00%	0.00%	800	783	785
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	767	755	760
	Gaya	0.00%	100.00%	0.00%	0.00%	773	746	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	773	743	759
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	404
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	406	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	395	399
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	406	410

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