

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

**Date of Reporting: 13-Oct-15
System Reliability Indices Report for: 12-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	31	7.75	32.29
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	9	2.25	9.38
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 12-Oct-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	753	770
	Ballia	0.00%	100.00%	0.00%	0.00%	773	741	755
	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	765	783
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	742	758
WR	Aurangabad	0.00%	94.86%	0.00%	0.00%	800	761	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	757	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	759	773
	Sholapur	0.00%	72.42%	25.14%	25.14%	815	765	791
SR	Raichur	0.00%	100.00%	0.00%	0.00%	779	779	779
	Nellore PS	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Somanhalli (400 kV)	0.00%	83.22%	16.78%	16.78%	424	388	405
	Salem (400 kV)	0.00%	99.65%	0.35%	0.35%	420	400	409
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	768	734	756
	Gaya	0.00%	100.00%	0.00%	0.00%	776	744	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	788	751	770
	Binaguri (400 kV)	0.00%	94.15%	5.85%	5.85%	422	406	415
NER	Balipara (400 kV)	0.00%	93.81%	0.35%	0.35%	428	404	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	408
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	424	403	412

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