

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

**Date of Reporting: 14-Oct-15
System Reliability Indices Report for: 13-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
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	16	4.00	16.67
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 13-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%	782	755	771
	Ballia	0.00%	100.00%	0.00%	0.00%	770	742	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	763	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	746	758
WR	Aurangabad	0.00%	94.51%	0.00%	0.00%	800	756	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	758	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	759	773
	Sholapur	0.00%	78.54%	20.76%	20.76%	813	768	791
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	779	782
	Nellore PS	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0	0	#DIV/0!
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	770	751	759
	Gaya	0.00%	100.00%	0.00%	0.00%	774	747	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	784	757	771
	Binaguri (400 kV)	0.00%	92.22%	7.78%	7.78%	422	405	415
NER	Balipara (400 kV)	0.00%	91.88%	1.39%	1.39%	423	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	405
	Misa (400 kV)	0.00%	99.72%	0.14%	0.14%	421	394	408

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