

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

**Date of Reporting: 10-Oct-15
System Reliability Indices Report for: 9-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	38	9.50	39.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	24	6.00	25.00
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	19	4.75	19.79
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 09-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%	783	742	764
	Ballia	0.00%	100.00%	0.00%	0.00%	768	732	746
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	753	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	733	751
WR	Aurangabad	0.00%	99.24%	0.00%	0.00%	800	754	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	751	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	746	768
	Sholapur	0.00%	77.92%	16.78%	16.78%	815	762	788
SR	Raichur	0.00%	91.99%	8.01%	8.01%	807	766	786
	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%	418	389	404
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	34	754
	Gaya	0.00%	100.00%	0.00%	0.00%	776	741	754
	Sasaram	0.00%	100.00%	0.00%	0.00%	785	751	766
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	394	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	406

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