

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

**Date of Reporting: 9-Oct-15
System Reliability Indices Report for: 8-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	6	1.50	6.25
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 08-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%	781	746	764
	Ballia	0.00%	100.00%	0.00%	0.00%	767	736	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	761	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	736	752
WR	Aurangabad	0.00%	91.18%	0.00%	0.00%	800	762	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	759	767
	Gwalior	0.00%	100.00%	0.00%	0.00%	782	748	767
	Sholapur	0.00%	73.82%	23.19%	23.19%	813	771	792
SR	Raichur	0.00%	85.97%	14.03%	14.03%	807	773	789
	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%	417	390	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	748	757
	Gaya	0.00%	100.00%	0.00%	0.00%	775	741	758
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	754	769
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	411
NER	Balipara (400 kV)	0.00%	98.26%	1.04%	1.04%	431	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	402
	Misa (400 kV)	0.00%	98.96%	0.83%	0.83%	428	395	406

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