

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

**Date of Reporting: 5-Oct-15
System Reliability Indices Report for: 4-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	27	6.75	28.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	31	7.75	32.29
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	27	6.75	28.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	27	6.75	28.13
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 04-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	763	775
	Ballia	0.00%	100.00%	0.00%	0.00%	775	747	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	775	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	750	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	755	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	764	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	762	773
	Sholapur	0.00%	54.94%	40.46%	40.46%	813	771	797
SR	Raichur	0.00%	74.25%	25.75%	25.75%	808	777	795
	Nellore PS	0.00%	57.55%	42.45%	42.45%	809	791	799
	Somanhalli (400 kV)	0.00%	98.75%	1.25%	1.25%	421	399	409
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	756	762
	Gaya	0.00%	100.00%	0.00%	0.00%	782	755	768
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	759	772
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	411
NER	Balipara (400 kV)	0.00%	97.77%	0.76%	0.76%	423	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	Misa (400 kV)	0.00%	98.68%	0.49%	0.49%	422	401	409

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