

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

**Date of Reporting: 4-Oct-15
System Reliability Indices Report for: 3-Oct-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	3	0.75	3.13
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	0	0.00	0.00
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 03-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	755	770
	Ballia	0.00%	100.00%	0.00%	0.00%	767	741	753
	Bhiwani	0.00%	99.38%	0.63%	0.63%	803	767	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	746	758
WR	Aurangabad	0.00%	81.74%	0.00%	0.00%	800	769	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	765	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	754	770
	Sholapur	0.00%	45.83%	49.93%	49.93%	814	774	799
SR	Raichur	0.00%	57.57%	42.43%	42.43%	807	780	798
	Nellore PS	0.00%	70.83%	29.17%	29.17%	806	786	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	386	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	769	752	760
	Gaya	0.00%	100.00%	0.00%	0.00%	776	748	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	750	766
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
NER	Balipara (400 kV)	0.00%	98.26%	1.60%	1.60%	424	401	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405
	Misa (400 kV)	0.00%	98.40%	1.39%	1.39%	423	401	409

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