

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

**Date of Reporting: 3-May-15
System Reliability Indices Report for: 2-May-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	22	5.50	22.92
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	4	1.00	4.17
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 02-May-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%	788	745	768
	Ballia	0.00%	100.00%	0.00%	0.00%	773	730	757
	Bhiwani	0.00%	95.21%	4.79%	4.79%	807	755	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	748	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	732	756
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	750	756
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	749	759
	Sholapur	0.00%	99.72%	0.07%	0.07%	803	748	777
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	759	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	768	777
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	402
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	771	761	764
	Gaya	0.00%	100.00%	0.00%	0.00%	778	741	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	735	758
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	389	404
	Misa (400 kV)	0.00%	90.21%	3.13%	3.13%	423	400	414

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