

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

**Date of Reporting: 21-May-15
System Reliability Indices Report for: 20-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	0	0.00	0.00
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	31	7.75	32.29
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 20-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%	787	738	766
	Ballia	0.00%	100.00%	0.00%	0.00%	779	739	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	758	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	740	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	731	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	758	747	752
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	738	748
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	749	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	760	782
	Nellore PS	0.00%	78.05%	0.00%	0.00%	800	3	793
	Somanhalli (400 kV)	0.00%	94.72%	5.28%	5.28%	420	388	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	770	752	761
	Gaya	0.00%	100.00%	0.00%	0.00%	779	744	761
	Sasaram	0.00%	100.00%	0.00%	0.00%	745	745	745
	Binaguri (400 kV)	0.00%	90.97%	9.03%	9.03%	421	401	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	407
	Misa (400 kV)	0.00%	99.31%	0.00%	0.00%	420	395	409

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