

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

**Date of Reporting: 14-May-15
System Reliability Indices Report for: 13-May-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	15	3.75	15.63
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 13-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%	795	759	776
	Ballia	0.00%	100.00%	0.00%	0.00%	771	742	756
	Bhiwani	0.00%	96.53%	3.47%	3.47%	806	771	788
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	751	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	738	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	766	750	760
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	758	772
	Sholapur	0.00%	98.40%	0.76%	0.76%	803	758	785
SR	Raichur	0.00%	99.65%	0.00%	0.00%	800	765	788
	Nellore PS	0.00%	83.96%	0.00%	0.00%	800	780	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	386	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	408
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	762	762
	Gaya	0.00%	100.00%	0.00%	0.00%	774	750	762
	Sasaram	0.00%	100.00%	0.00%	0.00%	765	749	754
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	Misa (400 kV)	0.00%	99.24%	0.42%	0.42%	422	399	412

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