

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

**Date of Reporting: 21-Jun-15
System Reliability Indices Report for: 20-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	51	12.75	53.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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	23	5.75	23.96
2	ER-NR	0	0.00	0.00
3	NEW-SR	11	2.75	11.46
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-Jun-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%	782	751	767
	Ballia	0.00%	100.00%	0.00%	0.00%	774	741	758
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	766	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	770	732	754
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	753	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	756	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	748	768
	Sholapur	0.00%	73.61%	26.11%	26.11%	807	774	793
SR	Raichur	0.00%	79.17%	0.00%	0.00%	800	776	793
	Nellore PS	0.00%	83.61%	0.00%	0.00%	800	784	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	736	763
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	410
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408

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