

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

**Date of Reporting: 14-Jun-15
System Reliability Indices Report for: 13-Jun-15**

Percentage (%) of times ATC 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	7	1.75	7.29
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	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

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-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%	795	746	770
	Ballia	0.00%	100.00%	0.00%	0.00%	775	740	758
	Bhiwani	0.00%	98.78%	1.22%	1.22%	806	749	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	736	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	756	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	763	769
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	750	769
	Sholapur	0.00%	75.61%	23.74%	23.74%	808	772	793
SR	Raichur	0.00%	80.13%	0.00%	0.00%	800	774	792
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	768	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	412	383	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	385	401
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	770	776
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	783	762	770
	Binaguri (400 kV)	0.00%	77.04%	22.96%	22.96%	426	405	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	403
	Bongaigaon (400 kV)	0.00%	99.78%	0.00%	0.00%	420	397	410
	Misa (400 kV)	0.00%	93.40%	2.44%	2.44%	423	401	412

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