

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

**Date of Reporting: 5-Jun-15
System Reliability Indices Report for: 4-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	55	13.75	57.29
2	ER-NR	4	1.00	4.17
3	NEW-SR	4	1.00	4.17
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	22	5.50	22.92
2	ER-NR	3	0.75	3.13
3	NEW-SR	4	1.00	4.17
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 04-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%	793	753	772
	Ballia	0.00%	100.00%	0.00%	0.00%	782	748	765
	Bhiwani	0.00%	87.75%	12.25%	12.25%	805	771	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	745	767
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	735	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	752	758
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	747	767
	Sholapur	0.00%	94.98%	4.25%	4.25%	804	751	781
SR	Raichur	0.00%	93.73%	0.00%	0.00%	800	762	785
	Nellore PS	0.00%	86.07%	0.00%	0.00%	800	778	789
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	385	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	776	758	766
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	750	750	750
	Binaguri (400 kV)	0.00%	77.56%	22.44%	22.44%	424	407	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	Misa (400 kV)	0.00%	95.82%	0.00%	0.00%	420	404	412

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