

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

**Date of Reporting: 2-Jun-15
System Reliability Indices Report for: 1-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	40	10.00	41.67
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	13	3.25	13.54
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 01-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%	799	744	763
	Ballia	0.00%	100.00%	0.00%	0.00%	777	738	757
	Bhiwani	0.00%	90.69%	9.31%	9.31%	810	762	780
	Fatehpur	0.00%	94.38%	4.93%	4.93%	803	739	761
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	781	736	754
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	762	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	745	766
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	766	769
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	747	776
	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	770	775
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	402
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	772
	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%	100.00%	0.00%	0.00%	419	410	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	412

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