

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

**Date of Reporting: 11-Jun-15
System Reliability Indices Report for: 10-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	37	9.25	38.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	14	3.50	14.58
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	1	0.25	1.04
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 10-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%	786	747	765
	Ballia	0.00%	100.00%	0.00%	0.00%	775	743	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	755	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	747	762
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	779	735	760
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	768	744	762
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	747	764
	Sholapur	0.00%	83.89%	16.11%	16.11%	807	766	788
SR	Raichur	0.00%	84.31%	0.00%	0.00%	800	771	791
	Nellore PS	0.00%	85.90%	0.00%	0.00%	800	782	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	415	386	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	779	764	772
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	794	767	776
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	412
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	Misa (400 kV)	0.00%	98.96%	0.00%	0.00%	420	402	412

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