

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

**Date of Reporting: 8-Jun-15
System Reliability Indices Report for: 7-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	67	16.75	69.79
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	4	1.00	4.17
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 07-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%	792	752	772
	Ballia	0.00%	100.00%	0.00%	0.00%	774	746	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	765	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	748	766
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	785	752	766
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	755	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	751	771
	Sholapur	0.00%	93.33%	5.84%	5.84%	806	742	789
SR	Raichur	0.00%	92.43%	0.00%	0.00%	800	783	792
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	788	794
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	775
	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%	84.23%	15.77%	15.77%	425	411	417
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409
	Misa (400 kV)	0.00%	99.10%	0.07%	0.07%	421	405	412

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