

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

**Date of Reporting: 7-Jul-15
System Reliability Indices Report for: 6-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	5	1.25	5.21
2	ER-NR	0	0.00	0.00
3	NEW-SR	52	13.00	54.17
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	0	0.00	0.00
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 06-Jul-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%	789	754	770
	Ballia	0.00%	100.00%	0.00%	0.00%	750	750	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	765	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	738	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	774	742	761
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	797	767	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	753	769
	Sholapur	0.00%	98.61%	0.42%	0.42%	803	759	782
SR	Raichur	0.00%	100.00%	0.00%	0.00%	797	764	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	0	785
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	381	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	389	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	773
	Gaya	0.00%	100.00%	0.00%	0.00%	783	735	759
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	99.58%	0.42%	0.42%	420	401	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409

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