

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

**Date of Reporting: 24-Jul-15
System Reliability Indices Report for: 23-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	14	3.50	14.58
2	ER-NR	0	0.00	0.00
3	NEW-SR	7	1.75	7.29
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 23-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%	782	756	768
	Ballia	0.00%	100.00%	0.00%	0.00%	768	741	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	783	759	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	748	760
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	742	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	758	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	757	768
	Sholapur	0.00%	98.09%	1.91%	1.91%	804	758	783
SR	Raichur	0.00%	100.00%	0.00%	0.00%	795	765	772
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	776	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	387	401
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	750	758
	Gaya	0.00%	100.00%	0.00%	0.00%	778	755	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	765	772
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	411

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