

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

**Date of Reporting: 4-Jul-15
System Reliability Indices Report for: 3-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	57	14.25	59.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	54	13.50	56.25
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	15	3.75	15.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	31	7.75	32.29
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 03-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%	786	751	765
	Ballia	0.00%	100.00%	0.00%	0.00%	764	740	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	785	754	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	767	736	752
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	745	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	764	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	749	765
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	762	780
SR	Raichur	0.00%	100.00%	0.00%	0.00%	796	767	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	777	785
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	407	384	396
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	388	399
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	764	772
	Gaya	0.00%	100.00%	0.00%	0.00%	781	748	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	763	743	757
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	398	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	408

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