

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

**Date of Reporting: 3-Jul-15
System Reliability Indices Report for: 2-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
2	ER-NR	0	0.00	0.00
3	NEW-SR	17	4.25	17.71
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 02-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%	785	747	766
	Ballia	0.00%	100.00%	0.00%	0.00%	755	755	755
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	757	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	771	736	753
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	741	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	765	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	783	745	765
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	759	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	796	765	782
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	777	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	406	381	394
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	408	386	397
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	765	773
	Gaya	0.00%	100.00%	0.00%	0.00%	772	738	754
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	396	401
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	397	400
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406

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