

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **10-Jul-15**
System Reliability Indices Report for: **9-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	13	3.25	13.54
2	ER-NR	0	0.00	0.00
3	NEW-SR	22	5.50	22.92
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 09-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%	787	755	770
	Ballia	0.00%	100.00%	0.00%	0.00%	750	750	750
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	771	782
	Fatehpur	0.00%	100.00%	0.00%	0.00%	772	740	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	784	749	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	763	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	755	769
	Sholapur	0.00%	99.65%	0.00%	0.00%	800	754	778
SR	Raichur	0.00%	100.00%	0.00%	0.00%	794	760	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	774	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	407	382	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	410	391	400
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	0	0	760
	Gaya	0.00%	100.00%	0.00%	0.00%	783	745	765
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	746	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	407

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