

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 23-Jul-15
System Reliability Indices Report for: 22-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	0	0.00	0.00
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	2	0.50	2.08
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 22-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	755	768
	Ballia	0.00%	100.00%	0.00%	0.00%	773	744	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	764	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	745	758
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	779	745	765
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	758	763
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	755	768
	Sholapur	0.00%	99.24%	0.00%	0.00%	800	753	781
SR	Raichur	0.00%	100.00%	0.00%	0.00%	765	765	765
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	760	763
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	763	750	756
	Gaya	0.00%	100.00%	0.00%	0.00%	781	754	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	773	773	773
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	411

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