

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 29-Jul-15
System Reliability Indices Report for: 28-Jul-15

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	63	15.75	65.63
2	ER-NR	0	0.00	0.00
3	NEW-SR	56	14.00	58.33
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	26	6.50	27.08
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 28-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	747	768
	Ballia	0.00%	100.00%	0.00%	0.00%	768	737	752
	Bhiwani	0.00%	100.00%	0.00%	0.00%	787	752	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	743	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	745	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	761	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	750	767
	Sholapur	0.00%	99.77%	0.23%	0.23%	801	1	783
SR	Raichur	0.00%	100.00%	0.00%	0.00%	796	759	780
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	50	783
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	382	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	773	754	767
	Gaya	0.00%	100.00%	0.00%	0.00%	764	764	764
	Sasaram	0.00%	100.00%	0.00%	0.00%	775	753	772
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	395	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408

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