

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

**Date of Reporting: 18-Jul-15
System Reliability Indices Report for: 17-Jul-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	NEW-SR	23	5.75	23.96
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	10	2.50	10.42
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 17-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	756	771
	Ballia	0.00%	100.00%	0.00%	0.00%	771	744	765
	Bhiwani	0.00%	100.00%	0.00%	0.00%	786	753	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	741	756
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	754	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	748	759
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	758	770
	Sholapur	0.00%	93.26%	5.63%	5.63%	810	748	779
SR	Raichur	0.00%	100.00%	0.00%	0.00%	793	756	775
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	50	780
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	410	380	397
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	762	0	753
	Gaya	0.00%	100.00%	0.00%	0.00%	782	0	767
	Sasaram	0.00%	100.00%	0.00%	0.00%	746	0	746
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	0	408
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	Misa (400 kV)	0.00%	93.61%	0.76%	0.76%	421	404	413

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