

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

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

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	90	22.50	93.75
2	ER-NR	0	0.00	0.00
3	NEW-SR	2	0.50	2.08
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	46	11.50	47.92
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-Jun-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%	775	747	762
	Ballia	0.00%	100.00%	0.00%	0.00%	773	740	754
	Bhiwani	0.00%	100.00%	0.00%	0.00%	776	758	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	766	731	748
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	745	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	757	765
	Gwalior	0.00%	100.00%	0.00%	0.00%	778	749	765
	Sholapur	0.00%	90.69%	9.31%	9.31%	811	751	779
SR	Raichur	0.00%	87.78%	0.00%	0.00%	800	752	775
	Nellore PS	0.00%	70.83%	0.00%	0.00%	800	788	796
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	416	383	399
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	766	777
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	775	767	770
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	409
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	405
	Misa (400 kV)	0.00%	91.67%	4.24%	4.24%	423	401	413

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