

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

**Date of Reporting: 15-Jun-15
System Reliability Indices Report for: 14-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	17	4.25	17.71
2	ER-NR	0	0.00	0.00
3	NEW-SR	4	1.00	4.17
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	4	1.00	4.17
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 14-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%	790	749	773
	Ballia	0.00%	100.00%	0.00%	0.00%	773	742	759
	Bhiwani	0.00%	95.56%	4.44%	4.44%	802	762	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	746	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	783	750	767
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	763	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	784	746	767
	Sholapur	0.00%	84.93%	15.07%	15.07%	807	766	791
SR	Raichur	0.00%	89.03%	0.00%	0.00%	800	764	790
	Nellore PS	0.00%	88.26%	0.00%	0.00%	800	786	793
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	771	778
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	779	779	779
	Binaguri (400 kV)	0.00%	94.03%	5.97%	5.97%	421	404	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	Misa (400 kV)	0.00%	95.97%	0.35%	0.35%	421	402	410

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