

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

Date of Reporting: **22-Jun-15**
System Reliability Indices Report for: **21-Jun-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	36	9.00	37.50
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	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 21-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%	795	757	771
	Ballia	0.00%	100.00%	0.00%	0.00%	781	742	762
	Bhiwani	0.00%	92.15%	7.85%	7.85%	808	768	783
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	738	755
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	782	758	769
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	760	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	755	769
	Sholapur	0.00%	45.42%	49.03%	49.03%	811	782	799
SR	Raichur	0.00%	45.07%	0.00%	0.00%	800	784	798
	Nellore PS	0.00%	56.32%	0.00%	0.00%	800	786	798
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	407
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	780	743	767
	Gaya	0.00%	100.00%	0.00%	0.00%	760	760	760
	Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761
	Binaguri (400 kV)	0.00%	99.86%	0.14%	0.14%	420	405	413
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406
	Misa (400 kV)	0.00%	97.57%	0.42%	0.42%	421	397	412

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