

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

**Date of Reporting: 12-Apr-15
System Reliability Indices Report for: 11-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	0	0.00	0.00
3	NEW-SR	5	1.25	5.21
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	0	0.00	0.00
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 11-Apr-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%	791	764	781
	Ballia	0.00%	100.00%	0.00%	0.00%	760	760	760
	Bhiwani	0.00%	82.99%	17.01%	17.01%	806	771	786
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	755	770
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	780	743	759
	Dharamjaigarh	2.50%	97.50%	0.00%	2.50%	767	727	754
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	767	780
	Sholapur	0.00%	99.51%	0.14%	0.14%	803	762	784
SR	Raichur	0.00%	100.00%	0.00%	0.00%	799	764	783
	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	776	787
	Somanhalli (400 kV)	0.97%	99.03%	0.00%	0.97%	410	379	395
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	407	385	397
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	765	744	760
	Gaya	0.00%	100.00%	0.00%	0.00%	781	745	754
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	761	777
	Binaguri (400 kV)	0.00%	85.21%	14.79%	14.79%	423	403	415
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	0	400
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	Misa (400 kV)	0.00%	95.90%	0.00%	0.00%	420	397	411

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