

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

**Date of Reporting: 3-Apr-15
System Reliability Indices Report for: 2-Apr-15**

Percentage (%) of times ATC 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	31	7.75	32.29
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 02-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%	788	757	775
	Ballia	0.21%	100.00%	0.00%	0.21%	785	-42	772
	Bhiwani	0.00%	100.00%	0.00%	0.00%	791	791	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	764
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	749	762
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	773	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	757	770
	Sholapur	0.00%	96.79%	0.77%	0.77%	803	755	780
SR	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	779
	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	775	784
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	405	380	394
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	406	389	398
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	771	759	767
	Gaya	0.00%	100.00%	0.00%	0.00%	772	748	763
	Sasaram	0.00%	100.00%	0.00%	0.00%	767	739	757
	Binaguri (400 kV)	0.00%	94.77%	5.23%	5.23%	421	405	414
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	Misa (400 kV)	0.00%	87.18%	8.01%	8.01%	424	403	413

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