

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

**Date of Reporting: 2-Apr-16
System Reliability Indices Report for: 1-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	28	7.00	29.17
4	NEW-SR	0	0.00	0.00
5	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	Import of NR	0	0.00	0.00
4	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 01-Apr-2016

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%	785	750	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	768	735	754
	Moga	0.00%	100.00%	0.00%	0.00%	800	768	787
	Phagi	0.00%	100.00%	0.00%	0.00%	780	757	763
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	760	773
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	753	766
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	754	771
	Sholapur	0.00%	82.22%	11.39%	11.39%	818	759	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	798	760	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	768	783
	Raichur	0.00%	96.46%	3.54%	3.54%	812	762	788
	Thiruvalam	0.00%	56.74%	43.26%	43.26%	812	776	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	777	753	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	758	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	767	779
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	410
	Silchar (400 kV)	0.00%	99.03%	0.97%	0.97%	421	403	414

Remarks: Unless sepcified, Station may be tretaed as 765kV S/S.