

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

Date of Reporting: **8-Apr-17**
System Reliability Indices Report for: **7-Apr-17**

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	Import of NR	0	0.00	0.00
4	NEW-SR	19	4.75	19.79
5	NER Import	3	0.75	3.13

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	NER Import	1	0.25	1.04

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 07-Apr-2017

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	751	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	732	758
	Moga	0.00%	99.86%	0.00%	0.00%	800	759	785
	Phagi	0.00%	100.00%	0.00%	0.00%	795	760	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	760	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	766	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	777
	Sholapur	0.00%	98.68%	1.32%	1.32%	805	750	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	766	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	767	778
	Raichur	0.00%	98.82%	1.18%	1.18%	802	770	786
	Thiruvallur	0.00%	88.40%	11.60%	11.60%	806	776	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	735	760
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	773	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	768	776
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411

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