

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

**Date of Reporting: 15-Apr-17
System Reliability Indices Report for: 14-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	4	1.00	4.17
5	NER Import	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	NER Import	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 14-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%	794	751	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	737	765
	Moga	0.00%	100.00%	0.00%	0.00%	800	760	787
	Phagi	0.00%	100.00%	0.00%	0.00%	795	757	783
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	753	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	768	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	756	781
	Sholapur	0.00%	99.93%	0.07%	0.07%	801	739	778
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	754	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	764	772
	Raichur	0.00%	100.00%	0.00%	0.00%	793	760	777
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	777	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	742	770
	Jharsuguda	0.00%	97.64%	2.36%	2.36%	802	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	770	781
NER	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	421	391	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	390	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	411

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