

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **14-Apr-17**
System Reliability Indices Report for: **13-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	6	1.50	6.25
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 13-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%	796	756	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	744	764
	Moga	0.00%	99.31%	0.00%	0.00%	801	751	783
	Phagi	0.00%	100.00%	0.00%	0.00%	792	750	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	753	772
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	764	770
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	759	776
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	757	778
	Vadodara	0.00%	100.00%	0.00%	0.00%	784	746	769
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	770	766	768
	Raichur	0.00%	100.00%	0.00%	0.00%	777	773	775
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	782	778	779
ER	Gaya	0.00%	100.00%	0.00%	0.00%	760	758	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	781	780	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	783	766	776
NER	Balipara (400 kV)	0.00%	98.47%	1.53%	1.53%	422	395	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	411

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