

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

Date of Reporting: **22-Apr-17**
System Reliability Indices Report for: **21-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	0	0.00	0.00
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 21-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%	799	753	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	744	768
	Moga	0.00%	100.00%	100.00%	100.00%	793	765	782
	Phagi	0.00%	100.00%	0.00%	0.00%	795	761	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	764	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	762	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	756	776
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	769	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	757	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	783	766	773
	Raichur	0.00%	100.00%	0.00%	0.00%	795	773	783
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	775	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	745	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	770	783
NER	Balipara (400 kV)	0.00%	95.76%	4.24%	4.24%	429	391	413
	Bongaigaon (400 kV)	0.00%	99.72%	0.28%	0.28%	420	390	404
	Silchar (400 kV)	0.00%	99.03%	0.97%	0.97%	422	396	407

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