

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

Date of Reporting: **19-Apr-17**
System Reliability Indices Report for: **18-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	28	7.00	29.17
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	2	0.50	2.08
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 18-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%	798	753	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	745	768
	Moga	0.00%	100.00%	0.00%	0.00%	799	763	782
	Phagi	0.00%	100.00%	0.00%	0.00%	792	758	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	757	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	776	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	757	779
	Sholapur	0.00%	98.40%	1.60%	1.60%	803	763	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	756	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	779	761	770
	Raichur	0.00%	100.00%	0.00%	0.00%	793	766	780
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	791	765	780
ER	Gaya	0.00%	100.00%	0.00%	0.00%	796	757	778
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	773	784
NER	Balipara (400 kV)	0.00%	99.10%	0.90%	0.90%	425	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	408

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