

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

**System Reliability Indices Report for the week from
24-Apr-2017 to 30-Apr-2017**

Date: 27-Apr-2017

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	46	11.50	6.85
5	ER-NER	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	1	0.25	0.15
4	ER-NER	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 week from 24-Apr-2017 to 30-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	747	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	739	768
	Moga	0.00%	100.00%	57.14%	57.14%	800	759	780
	Phagi	0.00%	100.00%	0.00%	0.00%	798	748	778
WR	Aurangabad	0.00%	99.94%	0.06%	0.06%	803	750	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	749	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	750	776
	Sholapur	0.00%	99.66%	0.34%	0.34%	808	752	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	747	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	739	769
	Raichur	0.00%	99.92%	0.08%	0.08%	806	757	779
	Thiruvalam	0.00%	99.70%	0.30%	0.30%	803	742	778
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	748	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	766	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	755	780
NER	Balipara (400 kV)	0.00%	83.83%	16.17%	16.17%	431	391	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	404
	Silchar (400 kV)	0.00%	98.22%	1.78%	1.78%	431	0	410

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