

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **29-Apr-17**
System Reliability Indices Report for: **28-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	1	0.25	1.04
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 28-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%	788	759	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	756	768
	Moga	0.00%	100.00%	100.00%	0.00%	790	767	781
	Phagi	0.00%	100.00%	0.00%	0.00%	789	761	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	756	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	769	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	760	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	757	779
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	756	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	775	752	766
	Raichur	0.00%	100.00%	0.00%	0.00%	788	757	775
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	786	757	771
ER	Gaya	0.00%	100.00%	0.00%	0.00%	783	756	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	779	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	779
NER	Balipara (400 kV)	0.00%	82.08%	17.92%	17.92%	428	391	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	390	404
	Silchar (400 kV)	0.00%	94.13%	5.87%	5.87%	427	0	410

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