

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

Date of Reporting: **30-Apr-17**
System Reliability Indices Report for: **30-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	24	6.00	25.00
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 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%	796	755	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	744	767
	Moga	0.00%	100.00%	100.00%	0.00%	771	771	771
	Phagi	0.00%	100.00%	0.00%	0.00%	795	758	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	787	763	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	771	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	755	776
	Sholapur	0.00%	99.72%	0.28%	0.28%	804	769	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	762	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	784	764	773
	Raichur	0.00%	100.00%	0.00%	0.00%	798	773	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	763	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	758	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	782	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	783
NER	Balipara (400 kV)	0.00%	68.33%	31.67%	31.67%	426	391	415
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	412

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