

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

Date of Reporting: **20-Apr-17**
System Reliability Indices Report for: **19-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 19-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%	795	743	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	734	762
	Moga	0.00%	100.00%	0.00%	0.00%	794	761	780
	Phagi	0.00%	100.00%	0.00%	0.00%	790	754	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	0	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	795	0	784
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	0	777
	Sholapur	0.07%	99.93%	0.00%	0.07%	798	0	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	756	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	776	763	769
	Raichur	0.00%	100.00%	0.00%	0.00%	790	766	779
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	787	769	778
ER	Gaya	0.00%	100.00%	0.00%	0.00%	795	740	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	0	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	785
NER	Balipara (400 kV)	0.00%	95.69%	4.31%	4.31%	425	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	Silchar (400 kV)	0.00%	98.33%	1.67%	1.67%	423	400	411

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