

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

Date of Reporting: **21-Apr-17**  
System Reliability Indices Report for: **20-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 20-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%	793	749	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	744	767
	Moga	0.00%	100.00%	0.00%	0.00%	793	760	779
	Phagi	0.00%	100.00%	0.00%	0.00%	788	759	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	759	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	758	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	752	775
	Sholapur	0.00%	99.51%	0.49%	0.49%	801	764	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	756	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	761	772
	Raichur	0.00%	100.00%	0.00%	0.00%	794	766	784
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	770	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	749	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	0	0	776
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	767	783
NER	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	424	391	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	406

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