

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

Date of Reporting: **25-Apr-17**  
System Reliability Indices Report for: **24-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 24-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%	798	747	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	739	764
	Moga	0.00%	100.00%	0.00%	0.00%	800	759	783
	Phagi	0.00%	100.00%	0.00%	0.00%	798	748	779
WR	Aurangabad	0.00%	99.58%	0.42%	0.42%	803	760	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	770	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	750	780
	Sholapur	0.00%	97.99%	2.01%	2.01%	808	765	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	752	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	763	773
	Raichur	0.00%	99.44%	0.56%	0.56%	806	768	783
	Thiruvalam	0.00%	97.92%	2.08%	2.08%	803	773	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	748	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	774	785
NER	Balipara (400 kV)	0.00%	82.10%	17.90%	17.90%	423	391	414
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	0	412

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