

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

Date of Reporting: **18-Apr-17**  
System Reliability Indices Report for: **17-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	3	0.75	3.13

**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	2	0.50	2.08

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 17-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%	799	744	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	799	742	767
	Moga	0.00%	100.00%	0.00%	0.00%	798	758	781
	Phagi	0.00%	100.00%	0.00%	0.00%	798	757	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	757	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	771	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	800	755	777
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	750	783
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	785	752	771
	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	761	773
	Raichur	0.00%	100.00%	0.00%	0.00%	796	762	782
	Thiruvalam	0.00%	90.76%	9.24%	9.24%	801	771	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	783	745	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	781	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	772	782
NER	Balipara (400 kV)	0.00%	97.50%	2.50%	2.50%	424	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	408

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