

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

Date of Reporting: **12-May-17**  
System Reliability Indices Report for: **11-May-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	2	0.50	2.08

**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	1	0.25	1.04

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 11-May-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	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	740	765
	Moga	0.00%	100.00%	0.00%	0.00%	791	754	774
	Phagi	0.00%	100.00%	0.00%	0.00%	791	759	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	766	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	755	777
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	762	778
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	755	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	762	770
	Raichur	0.00%	100.00%	0.00%	0.00%	788	765	777
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	774	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	744	764
	Jharsuguda	0.00%	75.90%	24.10%	24.10%	802	788	796
	Ranchi	0.00%	93.82%	6.18%	6.18%	803	778	792
NER	Balipara (400 kV)	0.00%	99.38%	0.63%	0.63%	422	393	408
	Bongaigaon (400 kV)	0.00%	99.51%	0.49%	0.49%	421	384	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	409

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