

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

Date of Reporting: **13-Apr-17**  
System Reliability Indices Report for: **12-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 12-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%	797	0	780
	Fatehpur	0.00%	100.00%	0.00%	0.00%	797	746	767
	Moga	0.00%	96.11%	0.00%	0.00%	808	764	787
	Phagi	0.21%	96.67%	3.13%	3.33%	801	725	785
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	760	775
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	764	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	759	781
	Sholapur	0.00%	100.00%	0.00%	0.00%	794	760	779
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	755	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	783	758	770
	Raichur	0.00%	100.00%	0.00%	0.00%	790	760	776
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	771	782
ER	Gaya	0.00%	100.00%	0.00%	0.00%	793	749	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	769	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	785	771	778
NER	Balipara (400 kV)	0.00%	99.65%	0.35%	0.35%	421	391	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	409

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