

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

Date of Reporting: **10-Apr-17**  
System Reliability Indices Report for: **9-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	10	2.50	10.42
5	NER Import	1	0.25	1.04

**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 09-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%	794	734	777
	Fatehpur	0.00%	99.72%	0.00%	0.00%	794	728	763
	Moga	0.00%	93.54%	0.00%	0.00%	803	757	790
	Phagi	0.00%	100.00%	0.00%	0.00%	795	756	786
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	760	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	765	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	736	778
	Sholapur	0.00%	98.61%	1.39%	1.39%	807	765	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	766	778
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	772	781
	Raichur	0.00%	99.38%	0.63%	0.63%	804	772	788
	Thiruvalam	0.00%	48.47%	51.53%	51.53%	807	783	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	744	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	782
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	411

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