

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

Date of Reporting: **5-Apr-17**  
System Reliability Indices Report for: **4-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	57	14.25	59.38
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	20	5.00	20.83
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 04-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%	775	775	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	759
	Moga	0.00%	99.93%	0.00%	0.00%	800	771	786
	Phagi	0.00%	100.00%	0.00%	0.00%	793	770	782
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	761	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	769	781
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	759	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	765	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	0	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	762	771
	Raichur	0.00%	100.00%	0.00%	0.00%	790	763	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	772	784
ER	Gaya	0.00%	100.00%	0.00%	0.00%	784	742	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	775	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	782
NER	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	422	391	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	405	411

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