

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

Date of Reporting: **1-Feb-17**  
System Reliability Indices Report for: **31-Jan-17**

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	1	0.25	1.04
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	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 31-Jan-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	753	776
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	743	765
	Moga	0.00%	90.07%	100.00%	9.93%	809	772	792
	Phagi	0.00%	100.00%	0.00%	0.00%		759	782
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	745	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	767	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	758	779
	Sholapur	0.00%	98.61%	1.39%	1.39%	804	758	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	794	762	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	766	780
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	784
	Thiruvallur	0.00%	72.01%	27.99%	27.99%	809	780	796
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	763	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	775	785
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	783
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	384	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	389	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408

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