

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

Date of Reporting: **28-Jan-17**
System Reliability Indices Report for: **27-Jan-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	Import of NR	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
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	2	0.50	2.08
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 27-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%	793	756	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	745	760
	Moga	0.00%	99.93%	0.07%	0.07%	801	765	784
	Phagi	0.00%	95.42%	4.58%	4.58%	802	762	782
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	749	774
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	767	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	761	777
	Sholapur	0.00%	97.36%	2.64%	2.64%	804	760	782
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	0	781
SR	Nellore PS	0.00%	96.46%	3.54%	3.54%	806	761	781
	Raichur	0.00%	99.03%	0.97%	0.97%	805	758	781
	Thiruvalam	0.00%	62.24%	37.76%	37.76%	821	0	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	757	777
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	776	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	775	786
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	414

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