

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

**Date of Reporting: 3-Feb-17
System Reliability Indices Report for: 2-Feb-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	8	2.00	8.33
2	ER-NR	0	0.00	0.00
3	Import of NR	14	3.50	14.58
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	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 02-Feb-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	753	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	763
	Moga	0.00%	89.03%	100.00%	100.00%	803	773	786
	Phagi	0.00%	100.00%	0.00%	0.00%	799	766	781
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	760	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	769	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	765	780
	Sholapur	0.00%	98.40%	1.60%	1.60%	807	773	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	762	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	768	779
	Raichur	0.00%	100.00%	0.00%	0.00%	797	768	782
	Thiruvallur	0.00%	75.35%	24.65%	24.65%	808	784	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	757	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	780	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	410

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