

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

Date of Reporting: **18-Mar-17**
System Reliability Indices Report for: **17-Mar-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	5	1.25	5.21
3	Import of NR	0	0.00	0.00
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 17-Mar-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%	788	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	743	762
	Moga	0.00%	98.84%	1.16%	1.16%	802	2	793
	Phagi	0.00%	100.00%	0.00%	0.00%	794	743	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	755	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	769	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	761	779
	Sholapur	0.00%	98.13%	1.88%	1.88%	806	760	788
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	758	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	764	775
	Raichur	0.00%	100.00%	0.00%	0.00%	798	766	785
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	798	772	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	754	770
	Jharsuguda	0.00%	99.38%	0.63%	0.63%	801	782	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	773	783
NER	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	422	391	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405

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