

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **31-Mar-17**
System Reliability Indices Report for: **30-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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	8	2.00	8.33
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 30-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%	796	757	778
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	743	765
	Moga	0.00%	90.56%	0.00%	0.00%	804	773	788
	Phagi	0.00%	100.00%	0.00%	0.00%	796	769	783
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	752	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	772	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	779
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	755	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	757	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	770	783
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	782
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	776	788
ER	Gaya	0.00%	97.78%	2.22%	2.22%	803	759	779
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	43	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	769	781
NER	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	423	391	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412

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