

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **19-Mar-17**
System Reliability Indices Report for: **18-Mar-17**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	9.38
2	ER-NR	17	4.25	17.71
3	Import of NR	16	4.00	16.67
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	5	1.25	5.21
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 18-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%	791	755	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	745	761
	Moga	0.00%	100.00%	0.00%	0.00%	798	760	789
	Phagi	0.00%	100.00%	0.00%	0.00%	795	758	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	754	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	770	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	761	780
	Sholapur	0.00%	99.58%	0.42%	0.42%	801	757	784
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	757	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	766	776
	Raichur	0.00%	100.00%	0.00%	0.00%	796	763	783
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	776	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	758	770
	Jharsuguda	0.00%	89.93%	10.07%	10.07%	804	782	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	775	786
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	424	391	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	405
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	408

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