

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **17-Mar-17**
System Reliability Indices Report for: **16-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	1	0.25	1.04
4	NEW-SR	7	1.75	7.29
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 16-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	754	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	747	763
	Moga	0.00%	99.93%	0.07%	0.07%	800	768	790
	Phagi	0.00%	100.00%	0.00%	0.00%	800	763	779
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	757	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	763	779
	Sholapur	0.00%	99.79%	0.21%	0.21%	802	764	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	790	760	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	767	778
	Raichur	0.00%	100.00%	0.00%	0.00%	800	768	786
	Thiruvallur	0.00%	87.78%	12.22%	12.22%	802	779	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	758	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	774	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	404

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