

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **21-May-17**
System Reliability Indices Report for: **20-May-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	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 20-May-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%	786	756	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	743	760
	Moga	0.00%	100.00%	100.00%	0.00%	790	762	776
	Phagi	0.00%	100.00%	0.00%	0.00%	790	761	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	770	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	779	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	765	776
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	765	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	752	768
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	766	773
	Raichur	0.00%	100.00%	0.00%	0.00%	795	767	781
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	776	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	776	783
NER	Balipara (400 kV)	0.00%	95.42%	4.58%	4.58%	424	395	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	410
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	409

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