

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

**Date of Reporting: 13-May-17
System Reliability Indices Report for: 12-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 12-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%	790	751	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	743	758
	Moga	0.00%	100.00%	0.00%	0.00%	783	753	768
	Phagi	0.00%	100.00%	0.00%	0.00%	793	754	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	763	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	755	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	797	759	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	756	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	777	755	767
	Raichur	0.00%	100.00%	0.00%	0.00%	790	759	776
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	789	762	778
ER	Gaya	0.00%	100.00%	0.00%	0.00%	780	748	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	787	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	784
NER	Balipara (400 kV)	0.00%	99.58%	0.42%	0.42%	423	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	389	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	410

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