

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

**Date of Reporting: 14-May-17
System Reliability Indices Report for: 13-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 13-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%	789	754	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	742	758
	Moga	0.00%	100.00%	0.00%	0.00%	782	754	766
	Phagi	0.00%	100.00%	0.00%	0.00%	788	756	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	762	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	759	775
	Sholapur	0.00%	100.00%	0.00%	0.00%	798	758	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	752	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	777	760	768
	Raichur	0.00%	100.00%	0.00%	0.00%	791	761	778
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	792	769	779
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	745	764
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	802	786	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	779	786
NER	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	422	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	389	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409

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