

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

**Date of Reporting: 17-May-17
System Reliability Indices Report for: 16-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 16-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	750	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	741	757
	Moga	0.00%	100.00%	100.00%	0.00%	784	751	769
	Phagi	0.00%	100.00%	0.00%	0.00%	784	744	771
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	764	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	770	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	756	776
	Sholapur	0.00%	96.67%	3.33%	3.33%	805	769	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	784	755	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	767	777
	Raichur	0.00%	96.81%	3.19%	3.19%	803	776	791
	Thiruvalam	0.00%	71.39%	28.61%	28.61%	805	782	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	743	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	779	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	768	781
NER	Balipara (400 kV)	0.00%	95.63%	4.38%	4.38%	423	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	386	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	410

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