

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **2-May-17**
System Reliability Indices Report for: **1-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	7	1.75	7.29
3	Import of NR	3	0.75	3.13
4	NEW-SR	1	0.25	1.04
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	5	1.25	5.21
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 01-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%	793	743	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	735	763
	Moga	0.00%	100.00%	100.00%	0.00%	795	760	775
	Phagi	0.00%	100.00%	0.00%	0.00%	791	748	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	772	781
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	771	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	746	773
	Sholapur	0.00%	100.00%	0.00%	0.00%	800	768	785
SR	Vadodara	0.00%	100.00%	0.00%	0.00%	785	758	772
	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	769	778
	Raichur	0.00%	100.00%	0.00%	0.00%	797	775	785
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	800	776	789
ER	Gaya	0.00%	100.00%	0.00%	0.00%	789	746	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	783	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	775	786
NER	Balipara (400 kV)	0.00%	97.29%	2.71%	2.71%	425	391	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	410

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