

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

**Date of Reporting: 3-May-17
System Reliability Indices Report for: 2-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	20	5.00	20.83
3	Import of NR	5	1.25	5.21
4	NEW-SR	0	0.00	0.00
5	NER Import	3	0.75	3.13

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	11	2.75	11.46
3	Import of NR	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
4	NER Import	3	0.75	3.13

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 02-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%	785	746	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	735	757
	Moga	0.00%	100.00%	0.00%	0.00%	790	762	777
	Phagi	0.00%	100.00%	0.00%	0.00%	790	753	775
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	755	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	768	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	753	774
	Sholapur	0.00%	99.72%	0.28%	0.28%	802	759	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	755	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	782	758	772
	Raichur	0.00%	100.00%	0.00%	0.00%	800	761	782
	Thiruvalam	0.00%	98.96%	1.04%	1.04%	801	764	786
ER	Gaya	0.00%	100.00%	0.00%	0.00%	774	745	762
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	777
NER	Balipara (400 kV)	0.00%	96.46%	3.54%	3.54%	427	398	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	409

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