

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

**System Reliability Indices Report for the week from
08-May-2017 to 14-May-2017**

Date: 19-May-2017

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	3	0.75	0.45
4	NEW-SR	1	0.25	0.15
5	ER-NER	2	0.50	0.30

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	ER-NER	1	0.25	0.15

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 week from 08-May-2017 to 14-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%	798	749	774
	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	736	761
	Moga	0.00%	100.00%	14.29%	14.29%	793	753	772
	Phagi	0.00%	100.00%	0.00%	0.00%	800	752	778
WR	Aurangabad	0.00%	99.96%	0.04%	0.04%	801	754	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	99.99%	0.01%	0.01%	800	753	777
	Sholapur	0.00%	99.55%	0.45%	0.45%	804	753	781
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	750	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	755	771
	Raichur	0.00%	99.94%	0.06%	0.06%	803	755	779
	Thiruvalam	0.00%	98.51%	1.49%	1.49%	805	762	782
ER	Gaya	0.00%	100.00%	0.00%	0.00%	800	744	768
	Jharsuguda	0.00%	90.34%	9.66%	9.66%	806	783	793
	Ranchi	0.00%	99.12%	0.88%	0.88%	803	771	787
NER	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	430	393	408
	Bongaigaon (400 kV)	0.00%	99.88%	0.12%	0.12%	421	384	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409

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