

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

**System Reliability Indices Report for the week from
01-May-2017 to 07-May-2017**

Date: 12-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	38	9.50	5.65
3	Import of NR	25	6.25	3.72
4	NEW-SR	24	6.00	3.57
5	ER-NER	3	0.75	0.45

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	19	4.75	2.83
3	Import of NR	6	1.50	0.89
4	NEW-SR	0	0.00	0.00
4	ER-NER	3	0.75	0.45

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 01-May-2017 to 07-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%	796	746	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	733	757
	Moga	0.00%	100.00%	14.29%	14.29%	799	762	777
	Phagi	0.00%	100.00%	0.00%	0.00%	796	753	777
WR	Aurangabad	0.00%	99.96%	0.04%	0.04%	800	754	778
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	768	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	773
	Sholapur	0.00%	99.73%	0.27%	0.27%	804	753	783
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	750	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	786	755	771
	Raichur	0.00%	98.68%	1.32%	1.32%	803	755	781
	Thiruvalam	0.00%	93.38%	6.62%	6.62%	808	761	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	740	764
	Jharsuguda	0.00%	99.40%	0.60%	0.60%	801	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	766	780
NER	Balipara (400 kV)	0.00%	90.31%	9.69%	9.69%	435	391	411
	Bongaigaon (400 kV)	0.00%	99.90%	0.10%	0.10%	421	389	405
	Silchar (400 kV)	0.00%	99.88%	0.12%	0.12%	422	396	411

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