

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

**System Reliability Indices Report for the week from
15-May-2017 to 21-May-2017**

Date: 25-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	1	0.25	0.15
3	Import of NR	11	2.75	1.64
4	NEW-SR	3	0.75	0.45
5	ER-NER	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	ER-NER	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 week from 15-May-2017 to 21-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%	99.70%	0.27%	0.27%	807	750	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	807	740	760
	Moga	0.00%	99.87%	100.19%	100.19%	801	751	773
	Phagi	0.00%	99.81%	0.19%	0.19%	801	734	775
WR	Aurangabad	0.00%	99.90%	0.10%	0.10%	805	757	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	768	778
	Gwalior	0.00%	99.68%	0.32%	0.32%	806	755	776
	Sholapur	0.00%	95.76%	4.24%	4.24%	809	692	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	752	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	762	777
	Raichur	0.00%	96.27%	3.73%	3.73%	805	766	788
	Thiruvalam	0.00%	82.91%	17.09%	17.09%	808	763	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	741	767
	Jharsuguda	0.00%	98.51%	1.49%	1.49%	801	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	767	780
NER	Balipara (400 kV)	0.00%	95.69%	4.31%	4.31%	429	394	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	386	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409

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