

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

**System Reliability Indices Report for the week from
12-Jun-2017 to 18-Jun-2017**

Date: 19-Jun-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	14	3.50	2.08
3	Import of NR	28	7.00	4.17
4	NEW-SR	1	0.25	0.15
5	ER-NER	19	4.75	2.83

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	1	0.25	0.15
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	15	3.75	2.23

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 12-Jun-2017 to 18-Jun-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%	99.91%	0.01%	0.01%	801	738	769
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	734	758
	Moga	0.00%	100.00%	14.29%	14.29%	789	747	766
	Phagi	0.03%	99.97%	0.00%	0.03%	797	718	771
WR	Aurangabad	0.00%	99.24%	0.76%	0.76%	805	768	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	759	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	748	772
	Sholapur	0.00%	85.79%	13.84%	13.84%	812	773	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	0	772
SR	Nellore PS	1.55%	98.26%	0.20%	1.74%	802	724	783
	Raichur	0.00%	89.55%	10.45%	10.45%	811	772	792
	Thiruvalam	0.00%	82.88%	17.12%	17.12%	811	777	793
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	747	765
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	802	773	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	765	781
NER	Balipara (400 kV)	0.00%	99.76%	0.24%	0.24%	424	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	411

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