

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **15-Jun-17**
System Reliability Indices Report for: **14-Jun-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	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	1.04
5	ER-NER	12	3.00	12.50

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	10	2.50	10.42

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 14-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%	100.00%	0.00%	0.00%	788	753	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	737	756
	Moga	0.00%	100.00%	0.00%	0.00%	779	752	765
	Phagi	0.07%	99.93%	0.00%	0.07%	787	718	771
WR	Aurangabad	0.00%	99.24%	0.76%	0.76%	803	774	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	761	768
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	759	772
	Sholapur	0.00%	83.61%	16.39%	16.39%	805	779	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	787	755	773
SR	Nellore PS	10.82%	89.18%	0.00%	10.82%	787	724	773
	Raichur	0.00%	100.00%	0.00%	0.00%	798	774	789
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	799	777	787
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	747	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	775	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	775
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	390	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	413

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