

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

Date of Reporting: **17-Jun-17**
System Reliability Indices Report for: **16-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	12	3.00	12.50
4	NEW-SR	0	0.00	0.00
5	ER-NER	1	0.25	1.04

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 day of 16-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%	99.38%	0.07%	0.07%	801	738	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	734	757
	Moga	0.00%	100.00%	0.00%	0.00%	788	747	766
	Phagi	0.00%	100.00%	0.00%	0.00%	797	752	774
WR	Aurangabad	0.00%	99.72%	0.28%	0.28%	801	777	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	773	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	749	776
	Sholapur	0.00%	97.15%	2.85%	2.85%	803	784	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	761	776
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	776	783
	Raichur	0.00%	99.38%	0.63%	0.63%	800	783	794
	Thiruvalam	0.00%	89.51%	10.49%	10.49%	800	784	792
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	753	771
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	800	783	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	784
NER	Balipara (400 kV)	0.00%	99.03%	0.97%	0.97%	421	402	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411

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