

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

Date of Reporting: **19-Jun-17**
System Reliability Indices Report for: **18-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	8	2.00	8.33
4	NEW-SR	0	0.00	0.00
5	ER-NER	5	1.25	5.21

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	5	1.25	0.05

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 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%	100.00%	0.00%	0.00%	792	749	768
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	741	761
	Moga	0.00%	100.00%	0.00%	0.00%	780	754	766
	Phagi	0.14%	99.86%	0.00%	0.14%	790	723	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	773	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	756	771
	Sholapur	0.00%	82.08%	17.92%	17.92%	806	786	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	786	763	773
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	784	790
	Raichur	0.00%	82.08%	17.92%	17.92%	807	790	798
	Thiruvalam	0.00%	67.22%	32.78%	32.78%	807	795	800
ER	Gaya	0.00%	100.00%	0.00%	0.00%	761	761	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	783	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	783
NER	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	400	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	408

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