

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

Date of Reporting: **22-Jun-17**
System Reliability Indices Report for: **21-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	0	0.00	0.00
5	ER-NER	4	1.00	4.17

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	4	1.00	0.04

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 21-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%	99.93%	0.00%	0.00%	800	744	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	741	762
	Moga	0.00%	100.00%	100.00%	0.00%	799	759	778
	Phagi	0.00%	100.00%	0.00%	0.00%	799	758	778
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	770	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	779	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	750	777
	Sholapur	0.00%	98.38%	1.62%	1.62%	802	779	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	784	761	774
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	775	786
	Raichur	0.00%	76.87%	23.13%	23.13%	805	781	793
	Thiruvalam	0.00%	57.56%	42.44%	42.44%	811	778	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	765	754	761
	Jharsuguda	0.00%	93.39%	6.61%	6.61%	802	787	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	778	788
NER	Balipara (400 kV)	0.00%	99.56%	0.44%	0.44%	425	401	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	410

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