

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

Date of Reporting: **12-Jul-17**
System Reliability Indices Report for: **11-Jul-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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
5	NER Import	6	1.50	6.25

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	NER Import	4	1.00	4.17

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 11-Jul-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%	789	750	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	737	758
	Moga	0.00%	100.00%	100.00%	0.00%	777	753	760
	Phagi	0.00%	100.00%	0.00%	0.00%	788	754	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	760	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	775	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	757	776
	Sholapur	0.00%	94.31%	5.69%	5.69%	805	769	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	793	0	779
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	775	786
	Raichur	0.00%	97.64%	2.36%	2.36%	802	772	789
	Thiruvalam	0.00%	82.08%	17.92%	17.92%	807	785	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	785	756	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	774	783
NER	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	425	398	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	405	393	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409

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