

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **15-Jul-17**
System Reliability Indices Report for: **14-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	13	3.25	13.54
4	NEW-SR	2	0.50	2.08
5	NER Import	7	1.75	7.29

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	1	0.25	1.04

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 14-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%	792	755	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	739	762
	Moga	0.00%	100.00%	100.00%	0.00%	782	751	766
	Phagi	0.00%	100.00%	0.00%	0.00%	792	762	776
WR	Aurangabad	0.00%	91.81%	8.19%	8.19%	806	779	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	777	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	760	777
	Sholapur	0.00%	78.47%	21.53%	21.53%	806	783	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	776	786
SR	Nellore PS	0.00%	88.06%	11.94%	11.94%	804	784	793
	Raichur	0.00%	90.69%	9.31%	9.31%	808	783	794
	Thiruvallur	0.00%	49.31%	50.69%	50.69%	815	789	802
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	756	766
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	800	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	772	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	0	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	0	409

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