

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

Date of Reporting: **14-Jul-17**
System Reliability Indices Report for: **13-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	14	3.50	14.58
4	NEW-SR	0	0.00	0.00
5	NER Import	15	3.75	15.63

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	3	0.75	3.13
4	NEW-SR	0	0.00	0.00
4	NER Import	12	3.00	12.50

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 13-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%	791	754	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	760
	Moga	0.00%	100.00%	100.00%	0.00%	790	754	771
	Phagi	0.00%	100.00%	0.00%	0.00%	792	759	776
WR	Aurangabad	0.00%	92.29%	7.71%	7.71%	803	770	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	798	778	783
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	757	778
	Sholapur	0.00%	88.40%	11.60%	11.60%	806	775	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	772	784
SR	Nellore PS	0.00%	90.07%	9.93%	9.93%	803	773	791
	Raichur	0.00%	85.28%	14.72%	14.72%	807	771	792
	Thiruvalam	0.00%	56.40%	43.60%	43.60%	815	781	801
ER	Gaya	0.00%	100.00%	0.00%	0.00%	782	756	769
	Jharsuguda	0.00%	97.50%	2.50%	2.50%	804	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	768	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	409

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