

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

Date of Reporting: **16-Jul-17**
System Reliability Indices Report for: **15-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	7	1.75	7.29
4	NEW-SR	0	0.00	0.00
5	NER Import	12	3.00	12.50

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	7	1.75	7.29

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 15-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	753	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	743	762
	Moga	0.00%	100.00%	100.00%	0.00%	781	756	764
	Phagi	0.00%	100.00%	0.00%	0.00%	791	757	774
WR	Aurangabad	0.00%	98.19%	1.81%	1.81%	804	775	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	780	785
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	756	775
	Sholapur	0.00%	89.10%	10.90%	10.90%	809	776	796
	Vadodara	0.00%	100.00%	0.00%	0.00%	800	779	789
SR	Nellore PS	0.00%	94.31%	5.69%	5.69%	803	785	793
	Raichur	0.00%	97.22%	2.78%	2.78%	802	778	794
	Thiruvallur	0.00%	36.94%	63.06%	63.06%	814	791	803
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	756	770
	Jharsuguda	0.00%	79.72%	20.28%	20.28%	803	773	796
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	784
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	0	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	404	390	398
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	409

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