

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

Date of Reporting: **7-Jun-17**
System Reliability Indices Report for: **6-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	NER Import	3	0.75	3.13

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	3	0.75	3.13

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 06-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%	100.00%	0.00%	0.00%	790	748	766
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	742	759
	Moga	0.00%	100.00%	100.00%	0.00%	778	750	765
	Phagi	0.00%	100.00%	0.00%	0.00%	781	751	767
WR	Aurangabad	0.00%	99.58%	0.42%	0.42%	801	763	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	684	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	752	768
	Sholapur	0.00%	86.67%	13.33%	13.33%	806	766	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	751	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	766	778
	Raichur	0.00%	98.68%	1.32%	1.32%	803	769	788
	Thiruvalam	0.00%	87.22%	12.78%	12.78%	809	777	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	797	756	772
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	771	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	389	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	408

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