

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

Date of Reporting: **6-Jun-17**
System Reliability Indices Report for: **5-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	13	3.25	13.54

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	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 05-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%	783	747	765
	Fatehpur	0.00%	100.00%	0.00%	0.00%	783	736	755
	Moga	0.00%	100.00%	100.00%	0.00%	780	752	764
	Phagi	0.00%	100.00%	0.00%	0.00%	788	742	769
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	758	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	765	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	769
	Sholapur	0.00%	98.54%	1.46%	1.46%	803	762	787
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	743	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	764	777
	Raichur	0.00%	100.00%	0.00%	0.00%	799	766	784
	Thiruvallur	0.00%	86.94%	13.06%	13.06%	805	771	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	784	756	767
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	769	780
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	390	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409

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