

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

Date of Reporting: **7-May-17**
System Reliability Indices Report for: **6-May-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	1	0.25	1.04
4	NEW-SR	0	0.00	0.00
5	NER Import	0	0.00	0.00

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	0	0.00	0.00

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-May-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%	787	749	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	738	758
	Moga	0.00%	100.00%	0.00%	0.00%	790	763	777
	Phagi	0.00%	100.00%	0.00%	0.00%	790	758	777
WR	Aurangabad	0.00%	99.86%	0.14%	0.14%	800	754	776
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	786	753	775
	Sholapur	0.00%	99.65%	0.35%	0.35%	804	753	780
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	750	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	781	756	768
	Raichur	0.00%	100.00%	0.00%	0.00%	796	755	776
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	764	777
ER	Gaya	0.00%	100.00%	0.00%	0.00%	787	757	772
	Jharsuguda	0.00%	97.92%	2.08%	2.08%	801	786	792
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	777	785
NER	Balipara (400 kV)	0.00%	98.82%	1.18%	1.18%	430	399	410
	Bongaigaon (400 kV)	0.00%	99.93%	0.07%	0.07%	421	394	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411

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