

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

Date of Reporting: **8-May-17**  
System Reliability Indices Report for: **7-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	0	0.00	0.00
4	NEW-SR	2	0.50	2.08
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 07-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%	795	741	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	735	761
	Moga	0.00%	100.00%	0.00%	0.00%	795	757	780
	Phagi	0.00%	98.96%	1.04%	1.04%	800	754	781
WR	Aurangabad	0.00%	97.64%	2.36%	2.36%	804	767	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	771	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	745	777
	Sholapur	0.00%	90.49%	9.51%	9.51%	805	763	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	792	764	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	755	776
	Raichur	0.00%	98.13%	1.88%	1.88%	803	763	786
	Thiruvalam	0.00%	97.85%	2.15%	2.15%	804	776	788
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	754	775
	Jharsuguda	0.00%	97.22%	2.78%	2.78%	803	782	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	772	786
NER	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	424	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	410

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