

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

Date of Reporting: **18-May-17**  
System Reliability Indices Report for: **17-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	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 17-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%	791	751	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	740	760
	Moga	0.00%	100.00%	100.00%	0.00%	785	759	773
	Phagi	0.00%	100.00%	0.00%	0.00%	785	757	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	757	783
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	768	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	755	773
	Sholapur	0.00%	97.61%	2.39%	2.39%	805	773	789
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	756	771
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	772	778
	Raichur	0.00%	96.81%	3.19%	3.19%	803	784	794
	Thiruvalam	0.00%	71.39%	28.61%	28.61%	808	786	797
ER	Gaya	0.00%	100.00%	0.00%	0.00%	781	748	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	778	788
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	774	781
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409

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