

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

Date of Reporting: **28-May-17**  
System Reliability Indices Report for: **27-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	1	0.25	1.04

**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 27-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%	790	752	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	740	760
	Moga	0.00%	100.00%	0.00%	0.00%	784	759	771
	Phagi	0.00%	100.00%	0.00%	0.00%	788	755	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	766	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	769	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	754	774
	Sholapur	0.07%	91.25%	8.68%	8.75%	804	716	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	756	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	770	781
	Raichur	0.00%	91.11%	8.89%	8.89%	802	773	789
	Thiruvalam	0.00%	76.81%	23.19%	23.19%	806	780	793
ER	Gaya	0.00%	99.44%	0.56%	0.56%	801	758	780
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	0	765	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	772	786
NER	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	422	398	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	407

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