

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

Date of Reporting: **31-May-17**  
System Reliability Indices Report for: **30-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 30-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	758	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	741	760
	Moga	0.00%	100.00%	100.00%	0.00%	792	763	777
	Phagi	0.00%	100.00%	0.00%	0.00%	791	763	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	768	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	770	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	762	779
	Sholapur	0.00%	89.51%	10.49%	10.49%	804	775	790
	Vadodara	0.00%	100.00%	0.00%	0.00%	785	753	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	765	776
	Raichur	0.00%	100.00%	0.00%	0.00%	799	772	785
	Thiruvalam	0.00%	92.78%	7.22%	7.22%	803	770	785
ER	Gaya	0.00%	100.00%	0.00%	0.00%	791	756	776
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	800	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	785
NER	Balipara (400 kV)	0.00%	90.56%	9.44%	9.44%	427	397	411
	Bongaigaon (400 kV)	0.00%	96.18%	3.82%	3.82%	422	398	409
	Silchar (400 kV)	0.00%	98.33%	1.67%	1.67%	421	405	413

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