

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

Date of Reporting: **1-Jun-17**  
System Reliability Indices Report for: **31-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 31-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%	796	760	779
	Fatehpur	0.00%	100.00%	0.00%	0.00%	796	743	765
	Moga	0.00%	100.00%	0.00%	0.00%	795	766	782
	Phagi	0.00%	100.00%	0.00%	0.00%	793	761	780
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	764	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	774	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	797	765	780
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	767	785
	Vadodara	0.00%	100.00%	0.00%	0.00%	784	757	772
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	783	765	773
	Raichur	0.00%	100.00%	0.00%	0.00%	794	767	781
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	773	783
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	756	776
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	776	786
NER	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	423	398	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	406
	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.