

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

Date of Reporting: **19-May-17**  
System Reliability Indices Report for: **18-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 18-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%	787	754	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	745	761
	Moga	0.00%	100.00%	100.00%	0.00%	784	752	772
	Phagi	0.00%	100.00%	<b>0.00%</b>	0.00%	787	757	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	761	780
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	772	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	757	777
	Sholapur	0.00%	99.38%	0.63%	0.63%	802	766	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	780	756	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	765	777
	Raichur	0.00%	98.13%	1.88%	1.88%	801	774	790
	Thiruvalam	0.00%	91.32%	8.68%	8.68%	804	775	791
ER	Gaya	0.00%	100.00%	0.00%	0.00%	778	756	765
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	773	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	767	777
NER	Balipara (400 kV)	0.00%	97.50%	2.50%	2.50%	423	395	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	404
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	407

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