

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

Date of Reporting: **20-Jun-17**  
System Reliability Indices Report for: **19-Jun-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	1	0.25	1.04
5	ER-NER	3	0.75	3.13

**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	ER-NER	1	0.25	0.01

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 19-Jun-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	751	772
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	740	759
	Moga	0.00%	100.00%	0.00%	0.00%	787	759	772
	Phagi	0.00%	100.00%	0.00%	0.00%	789	753	773
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	767	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	769	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	774
	Sholapur	0.00%	79.10%	20.90%	20.90%	808	773	795
	Vadodara	0.00%	100.00%	0.00%	0.00%	783	755	769
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	778	787
	Raichur	0.00%	75.14%	24.86%	24.86%	806	778	795
	Thiruvallam	0.00%	71.81%	28.19%	28.19%	808	784	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	761	761	761
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	780	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	773	783
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	412
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	402	410

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