

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

Date of Reporting: 1-Jul-17  
System Reliability Indices Report for: 30-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	0	0.00	0.00
5	NER Import	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	NER Import	2	0.50	2.08

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-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%	790	752	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	738	759
	Moga	0.00%	100.00%	100.00%	0.00%	792	765	781
	Phagi	0.00%	100.00%	0.00%	0.00%	799	766	783
WR	Aurangabad	0.00%	97.64%	2.36%	2.36%	803	762	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	774	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	759	779
	Sholapur	0.00%	79.78%	20.22%	20.22%	807	771	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	767	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	774	786
	Raichur	0.00%	91.66%	8.34%	8.34%	805	775	792
	Thiruvallur	0.00%	77.76%	22.24%	22.24%	804	778	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	794	756	776
	Jharsuguda	0.00%	77.41%	22.59%	22.59%	806	773	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	773	786
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	395	402
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	400
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409

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