

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

Date of Reporting: **24-Jun-17**  
System Reliability Indices Report for: **23-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	10	2.50	10.42
4	NEW-SR	0	0.00	0.00
5	ER-NER	2	0.50	2.08

**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 23-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%	791	744	767
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	738	755
	Moga	0.00%	100.00%	100.00%	100.00%	789	752	769
	Phagi	0.00%	100.00%	0.00%	0.00%	790	756	772
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	765	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	770	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	750	770
	Sholapur	0.00%	92.78%	7.22%	7.22%	803	770	792
	Vadodara	0.00%	100.00%	0.00%	0.00%	791	764	777
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	786
	Raichur	0.00%	83.75%	16.25%	16.25%	804	779	793
	Thiruvalam	0.00%	71.18%	28.82%	28.82%	812	782	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	756	770
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	773	783
NER	Balipara (400 kV)	0.00%	99.44%	0.56%	0.56%	421	403	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	399
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	407

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