

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

Date of Reporting: **21-Jun-17**  
System Reliability Indices Report for: **20-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	2	0.50	2.08
4	NEW-SR	6	1.50	6.25
5	ER-NER	1	0.25	1.04

**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	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 20-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%	799	742	773
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	759
	Moga	0.00%	98.82%	1.18%	1.18%	801	753	779
	Phagi	0.00%	100.00%	0.00%	0.00%	797	751	776
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	768	784
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	745	775
	Sholapur	0.00%	94.86%	5.14%	5.14%	804	770	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	782	757	770
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	779	787
	Raichur	0.00%	93.26%	6.74%	6.74%	806	774	793
	Thiruvallur	0.00%	66.39%	33.61%	33.61%	812	786	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	761	761	761
	Jharsuguda	0.00%	99.31%	0.69%	0.69%	801	779	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	774	784
NER	Balipara (400 kV)	0.00%	99.86%	0.14%	0.14%	420	399	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408

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