

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

Date of Reporting: **23-Jun-17**  
System Reliability Indices Report for: **22-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	7	1.75	7.29
4	NEW-SR	0	0.00	0.00
5	ER-NER	5	1.25	5.21

**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	4	1.00	0.04

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 22-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	746	770
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	737	760
	Moga	0.00%	100.00%	102.15%	102.15%	793	754	774
	Phagi	0.00%	97.85%	2.15%	2.15%	801	758	777
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	771	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	779	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	751	773
	Sholapur	0.00%	95.00%	5.00%	5.00%	803	778	793
	Vadodara	0.00%	100.00%	0.00%	0.00%	788	760	775
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	773	785
	Raichur	0.00%	83.26%	16.74%	16.74%	808	777	793
	Thiruvalam	0.00%	77.08%	22.92%	22.92%	815	778	794
ER	Gaya	0.00%	100.00%	0.00%	0.00%	788	750	771
	Jharsuguda	0.00%	92.43%	7.57%	7.57%	802	787	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	777	788
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	413
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410

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