

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

**System Reliability Indices Report for the week from**  
**19-Jun-2017 to 25-Jun-2017**

Date: 28-Jun-2017

**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	43	10.75	6.40
4	NEW-SR	7	1.75	1.04
5	ER-NER	68	17.00	10.12

**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	1	0.25	0.15
4	NEW-SR	0	0.00	0.00
4	ER-NER	50	12.50	7.44

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 week from 19-Jun-2017 to 25-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%	99.99%	0.00%	0.00%	800	741	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	734	759
	Moga	0.00%	99.83%	43.33%	43.33%	801	750	772
	Phagi	0.01%	99.68%	0.31%	0.32%	801	727	774
WR	Aurangabad	0.00%	99.45%	0.55%	0.55%	802	765	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	761	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	745	774
	Sholapur	0.00%	90.81%	9.19%	9.19%	809	770	794
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	755	775
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	802	773	787
	Raichur	0.00%	84.04%	15.96%	15.96%	811	774	793
	Thiruvalam	0.00%	61.52%	38.48%	38.48%	817	778	798
ER	Gaya	0.00%	100.00%	0.00%	0.00%	790	746	767
	Jharsuguda	0.00%	97.88%	2.12%	2.12%	802	775	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	763	785
NER	Balipara (400 kV)	0.00%	98.95%	1.05%	1.05%	428	396	411
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	391	401
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409

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