

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

**System Reliability Indices Report for the week from
20-Mar-2017 to 26-Mar-2017**

Date: 31-Mar-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	1.04
2	ER-NR	30	7.50	4.46
3	Import of NR	22	5.50	3.27
4	NEW-SR	21	5.25	3.13
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	0.45
2	ER-NR	12	3.00	1.79
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 week from 20-Mar-2017 to 26-Mar-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%	793	739	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	758	767
	Ballia	0.00%	100.00%	0.00%	0.00%	796	745	773
	Bhiwani	0.00%	91.33%	8.67%	8.67%	807	754	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	749	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	738	761
	Jhatikara	0.00%	93.29%	6.71%	6.71%	808	746	784
	Lucknow	0.00%	98.94%	1.06%	1.06%	806	748	773
	Meerut	0.00%	90.63%	7.36%	7.36%	809	755	786
	Moga	0.00%	93.86%	6.14%	6.14%	805	756	783
Phagi	0.00%	100.00%	0.00%	0.00%	797	741	776	
Unnao	0.01%	99.99%	0.00%	0.01%	786	728	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	753	773
	Aurangabad	0.00%	99.98%	0.02%	0.02%	804	750	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	749	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	775	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	791	752	775
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	762	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	740	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	750	777
	Indore	0.00%	100.00%	0.00%	0.00%	789	748	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	757	783
	Koradi	0.00%	100.00%	0.00%	0.00%	785	743	766
	Pune	0.00%	99.91%	0.00%	0.00%	800	734	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	772	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	794	762	780
	Sasan	0.00%	100.00%	0.00%	0.00%	778	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	786	753	770
	Seoni	0.00%	100.00%	0.00%	0.00%	790	757	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	753	761
	Sholapur	0.00%	96.28%	2.97%	2.97%	814	758	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	797	774	785	
Tirora	0.00%	100.00%	0.00%	0.00%	774	751	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	751	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	761	768	
Wardha	0.00%	99.98%	0.02%	0.02%	803	756	782	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	757	774
	Raichur	0.00%	99.48%	0.52%	0.52%	808	759	781
	Kurnool	0.00%	99.21%	0.79%	0.79%	810	760	784
	Thiruvalam	0.00%	88.15%	11.85%	11.85%	805	766	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	790	759	777
	Gaya	0.00%	100.00%	0.00%	0.00%	788	746	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	768	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	782
Sasaram	0.00%	100.00%	0.00%	0.00%	788	728	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	408
	Balipara (400 kV)	0.00%	99.06%	0.94%	0.94%	425	386	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	405
	Misa (400 kV)	0.00%	86.90%	13.10%	13.10%	430	394	413
	Silchar (400 kV)	0.00%	97.59%	2.41%	2.41%	423	394	410

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