

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

**System Reliability Indices Report for the week from
13-Mar-2017 to 19-Mar-2017**

Date: 24-Mar-2017

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	32	8.00	4.76
2	ER-NR	22	5.50	3.27
3	Import of NR	25	6.25	3.72
4	NEW-SR	36	9.00	5.36
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	5	1.25	0.74
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 13-Mar-2017 to 19-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	751	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	761	769
	Ballia	0.00%	100.00%	0.00%	0.00%	793	753	774
	Bhiwani	0.00%	70.68%	29.32%	29.32%	815	766	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	764
	Jhatikara	0.00%	77.45%	22.55%	22.55%	813	762	791
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	745	776
	Meerut	0.00%	81.59%	14.25%	14.25%	811	762	789
	Moga	0.00%	91.00%	9.00%	9.00%	807	760	793
Phagi	0.00%	96.37%	3.63%	3.63%	807	743	782	
Unnao	0.00%	100.00%	0.00%	0.00%	781	731	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	794	752	775
	Aurangabad	0.00%	99.94%	0.06%	0.06%	804	750	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	748	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	752	765
	Bina	0.00%	100.00%	0.00%	0.00%	796	756	779
	Champa	0.00%	96.06%	2.71%	2.71%	806	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	763	780
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	772	777
	Gwalior	0.01%	99.87%	0.12%	0.13%	803	716	783
	Indore	0.00%	100.00%	0.00%	0.00%	794	751	774
	Jabalpur	0.00%	99.83%	0.17%	0.17%	802	760	785
	Koradi	0.00%	100.00%	0.00%	0.00%	785	752	768
	Pune	0.00%	99.96%	0.00%	0.00%	800	742	773
	Raigarh PS (Kotra)	0.00%	99.68%	0.32%	0.32%	801	775	785
	Raipur PS (Durg)	0.00%	99.56%	0.44%	0.44%	801	758	779
	Sasan	0.00%	100.00%	0.00%	0.00%	781	756	768
	Satna	0.00%	100.00%	0.00%	0.00%	792	755	773
	Seoni	0.00%	100.00%	0.00%	0.00%	790	755	775
	Sipat	0.00%	100.00%	0.00%	0.00%	775	751	763
	Sholapur	0.00%	98.89%	1.11%	1.11%	808	757	785
Tamnara PS	0.00%	99.87%	0.13%	0.13%	801	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	773	752	763	
Vadodara	0.00%	98.76%	1.24%	1.24%	803	757	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	759	770	
Wardha	0.00%	100.00%	0.00%	0.00%	800	762	784	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	764	778
	Raichur	0.00%	99.95%	0.05%	0.05%	803	763	784
	Kurnool	0.00%	98.94%	1.06%	1.06%	806	768	787
	Thiruvalam	0.00%	89.51%	10.49%	10.49%	806	772	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	765	783
	Gaya	0.00%	100.00%	0.00%	0.00%	790	754	774
	Jharsuguda	0.00%	98.47%	1.53%	1.53%	804	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	798	769	785
	Sasaram	0.87%	99.13%	0.00%	0.87%	785	724	765
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	Balipara (400 kV)	0.00%	99.96%	0.04%	0.04%	424	390	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	406
	Misa (400 kV)	0.00%	84.33%	15.67%	15.67%	426	399	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	407

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