

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

**Date of Reporting: 31-Mar-17
System Reliability Indices Report for: 30-Mar-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	0	0.00	0.00
4	NEW-SR	8	2.00	8.33
5	NER Import	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	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	NER Import	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 30-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%	796	757	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	759	767
	Ballia	0.00%	97.08%	2.92%	2.92%	806	753	777
	Bhiwani	0.00%	73.75%	26.25%	26.25%	802	774	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	743	765
	Jhatikara	0.00%	89.24%	10.76%	10.76%	803	769	789
	Lucknow	0.00%	99.24%	0.76%	0.76%	802	751	776
	Meerut	0.00%	82.71%	15.35%	15.35%	807	771	792
	Moga	0.00%	90.56%	9.44%	9.44%	804	773	788
	Phagi	0.00%	100.00%	0.00%	0.00%	796	769	783
Unnao	0.00%	100.00%	0.00%	0.00%	786	746	762	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	755	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	752	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	778	756	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	755	762
	Bina	0.00%	100.00%	0.00%	0.00%	787	763	775
	Champa	0.00%	100.00%	0.00%	0.00%	792	780	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	772	778
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	753	772
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	763	779
	Indore	0.00%	100.00%	0.00%	0.00%	782	753	769
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	772	783
	Koradi	0.00%	100.00%	0.00%	0.00%	774	755	766
	Pune	0.00%	100.00%	0.00%	0.00%	792	741	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	784	774	780
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	767	757	762
	Satna	0.00%	100.00%	0.00%	0.00%	778	758	769
	Seoni	0.00%	100.00%	0.00%	0.00%	784	763	774
	Sipat	0.00%	100.00%	0.00%	0.00%	764	755	760
	Sholapur	0.00%	100.00%	0.00%	0.00%	799	755	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	785	775	781	
Tirora	0.00%	100.00%	0.00%	0.00%	767	754	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	783	757	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	760	764	
Wardha	0.00%	100.00%	0.00%	0.00%	795	784	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	770	783
	Raichur	0.00%	100.00%	0.00%	0.00%	798	762	782
	Kurnool	0.00%	99.79%	0.21%	0.21%	801	770	788
	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	776	788
ER	Angul	0.00%	100.00%	0.00%	0.00%	785	767	776
	Gaya	0.00%	97.78%	2.22%	2.22%	803	759	779
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	779	786
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	769	781
	Sasaram	0.69%	99.31%	0.00%	0.69%	794	725	761
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	403	408
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	423	396	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	405
	Misa (400 kV)	0.00%	98.82%	1.18%	1.18%	423	400	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	412

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