

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

Date of Reporting: **29-Apr-17**
System Reliability Indices Report for: **28-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	6	1.50	6.25
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 28-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%	791	762	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	787	758	776
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	773	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	761
	Jhatikara	0.00%	91.60%	8.40%	8.40%	804	766	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	756	773
	Meerut	0.00%	98.40%	0.76%	0.76%	802	767	785
	Moga	0.00%	97.01%	2.99%	2.99%	802	770	785
Phagi	0.00%	100.00%	0.00%	0.00%	798	771	783	
Unnao	0.00%	100.00%	0.00%	0.00%	769	744	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	760	778
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	764	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	758	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	759	765
	Bina	0.00%	100.00%	0.00%	0.00%	789	769	778
	Champa	0.00%	78.19%	14.72%	14.72%	805	784	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	775	784
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	773	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	766	780
	Indore	0.00%	100.00%	0.00%	0.00%	789	760	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	800	779	787
	Koradi	0.00%	100.00%	0.00%	0.00%	780	759	771
	Pune	0.07%	99.93%	0.00%	0.07%	791	728	767
	Raigarh PS (Kotra)	0.00%	98.96%	1.04%	1.04%	803	778	790
	Raipur PS (Durg)	0.00%	97.43%	2.57%	2.57%	803	778	788
	Sasan	0.00%	100.00%	0.00%	0.00%	774	762	768
	Satna	0.00%	100.00%	0.00%	0.00%	782	763	775
	Seoni	0.00%	100.00%	0.00%	0.00%	791	769	779
	Sipat	0.00%	100.00%	0.00%	0.00%	769	758	763
	Sholapur	0.00%	99.24%	0.76%	0.76%	805	767	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	798	779	782	
Tirora	0.00%	100.00%	0.00%	0.00%	771	756	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	789	763	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	763	769	
Wardha	0.00%	99.43%	0.57%	0.57%	806	776	789	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	776	786
	Raichur	0.00%	97.01%	2.99%	2.99%	804	773	787
	Kurnool	0.00%	79.72%	20.28%	20.28%	809	780	793
	Thiruvalam	0.00%	85.56%	14.44%	14.44%	803	777	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	784	772	777
	Gaya	0.00%	100.00%	0.00%	0.00%	788	761	777
	Jharsuguda	0.00%	99.51%	0.49%	0.49%	800	781	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	774	784
Sasaram	0.00%	100.00%	0.00%	0.00%	776	740	760	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	99.72%	0.28%	0.28%	420	396	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	404
	Misa (400 kV)	0.00%	93.33%	6.67%	6.67%	424	403	412
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	410	

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