

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

Date of Reporting: **21-Apr-16**
System Reliability Indices Report for: **20-Apr-16**

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	26	6.50	27.08
4	NEW-SR	41	10.25	42.71
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	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	4	1.00	0.04
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 day of 20-Apr-2016

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%	788	741	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	759	765
	Ballia	0.00%	100.00%	0.00%	0.00%	780	747	764
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	756	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	757
	Jhatikara	0.00%	99.44%	0.56%	0.56%	801	753	781
	Lucknow	0.00%	100.00%	0.00%	0.00%	781	748	766
	Meerut	0.00%	88.82%	9.51%	9.51%	804	759	787
	Moga	0.00%	100.00%	0.00%	0.00%	800	757	783
Phagi	0.00%	100.00%	0.00%	0.00%	783	742	764	
Unnao	0.00%	100.00%	0.00%	0.00%	768	738	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	741	764
	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	748	771
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	779	744	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	765	753	759
	Bina	0.00%	100.00%	0.00%	0.00%	784	748	769
	Champa	0.00%	100.00%	0.00%	0.00%	790	776	782
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	758	766
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	757	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	744	771
	Indore	0.00%	100.00%	0.00%	0.00%	782	742	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	782	753	770
	Koradi	0.00%	100.00%	0.00%	0.00%	770	743	758
	Pune	0.00%	100.00%	0.00%	0.00%	787	746	770
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	785	774	779
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	777	768	775
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	763
	Satna	0.00%	100.00%	0.00%	0.00%	778	751	765
	Seoni	0.00%	100.00%	0.00%	0.00%	782	758	768
	Sipat	0.00%	100.00%	0.00%	0.00%	765	754	759
	Sholapur	0.00%	100.00%	0.00%	0.00%	795	757	779
Tamnara PS	0.00%	100.00%	0.00%	0.00%	786	776	781	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	755	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	757	766	
Wardha	0.00%	100.00%	0.00%	0.00%	795	757	776	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	771	784
	Raichur	0.00%	99.86%	0.14%	0.14%	800	765	784
	Kurnool	0.00%	86.39%	13.61%	13.61%	808	773	791
	Thiruvalam	0.00%	76.94%	23.06%	23.06%	811	774	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	769	757	764
	Gaya	0.00%	100.00%	0.00%	0.00%	776	747	764
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	784	768	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	768	778
Sasaram	0.00%	100.00%	0.00%	0.00%	782	739	762	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	414

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