

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

**Date of Reporting: 18-Apr-16
System Reliability Indices Report for: 17-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	3	0.75	3.13
4	NEW-SR	10	2.50	10.42
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	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 day of 17-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%	794	745	775
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	766
	Ballia	0.00%	100.00%	0.00%	0.00%	780	740	762
	Bhiwani	0.00%	80.97%	19.03%	19.03%	809	766	789
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	732	759
	Jhatikara	0.00%	89.93%	10.07%	10.07%	806	756	786
	Lucknow	0.00%	100.00%	0.00%	0.00%	787	743	768
	Meerut	0.00%	66.94%	26.94%	26.94%	815	759	790
	Moga	0.00%	94.72%	5.28%	5.28%	807	754	784
Phagi	0.00%	100.00%	0.00%	0.00%	791	749	773	
Unnao	0.00%	100.00%	0.00%	0.00%	775	734	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	766	749	759
	Aurangabad	0.00%	98.68%	1.32%	1.32%	807	763	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	742	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	753	766
	Bina	0.00%	100.00%	0.00%	0.00%	795	754	776
	Champa	0.00%	99.44%	0.35%	0.35%	802	780	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	756	774
	Dhule (BDTCL)	0.00%	99.58%	0.42%	0.42%	801	765	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	749	777
	Indore	0.00%	100.00%	0.00%	0.00%	780	736	759
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	755	777
	Koradi	0.00%	100.00%	0.00%	0.00%	756	751	751
	Pune	0.00%	98.82%	0.00%	0.00%	800	765	781
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	778	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	790	771	782
	Sasan	0.00%	100.00%	0.00%	0.00%	776	758	768
	Satna	0.00%	100.00%	0.00%	0.00%	787	753	773
	Seoni	0.00%	100.00%	0.00%	0.00%	796	764	778
	Sipat	0.00%	100.00%	0.00%	0.00%	759	759	759
	Sholapur	0.00%	86.46%	11.74%	11.74%	819	776	790
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	779	787	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	762	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	760	770	
Wardha	0.00%	98.26%	1.74%	1.74%	806	768	786	
SR	Nellore PS	0.00%	99.65%	0.35%	0.35%	802	781	788
	Raichur	0.00%	88.75%	11.25%	11.25%	813	777	790
	Kurnool	0.00%	81.25%	18.75%	18.75%	815	784	796
	Thiruvalam	0.00%	86.67%	13.33%	13.33%	806	786	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	765	774
	Gaya	0.00%	100.00%	0.00%	0.00%	775	738	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	770	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	768	785
Sasaram	0.00%	100.00%	0.00%	0.00%	776	732	758	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	411
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	409
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	411
	Silchar (400 kV)	0.00%	99.79%	0.21%	0.21%	420	406	414

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