

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

**Date of Reporting: 3-Apr-16
System Reliability Indices Report for: 2-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
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 02-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	756	773
	Anpara-C	0.00%	100.00%	0.00%	0.00%	767	757	762
	Ballia	0.00%	100.00%	0.00%	0.00%	784	758	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	765	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	738	757
	Jhatikara	0.00%	88.82%	11.18%	11.18%	803	762	787
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	764	776
	Meerut	0.00%	84.38%	13.54%	13.54%	807	768	789
	Moga	0.00%	100.00%	0.00%	0.00%	787	759	776
Phagi	0.00%	100.00%	0.00%	0.00%	778	745	761	
Unnao	0.00%	100.00%	0.00%	0.00%	765	743	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	747	747	747
	Aurangabad	0.00%	99.72%	0.28%	0.28%	803	761	782
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	751	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	765	752	759
	Bina	0.00%	100.00%	0.00%	0.00%	782	756	769
	Champa	0.00%	7.57%	92.08%	92.08%	815	799	806
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	770	756	762
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	766	782
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	759	773
	Indore	0.00%	100.00%	0.00%	0.00%	777	741	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	757	770
	Koradi	0.00%	100.00%	0.00%	0.00%	751	751	751
	Pune	0.00%	99.72%	0.00%	0.00%	800	753	778
	Raigarh PS (Kotra)	0.00%	37.78%	62.22%	62.22%	809	794	801
	Raipur PS (Durg)	0.00%	56.32%	43.68%	43.68%	804	795	799
	Sasan	0.00%	100.00%	0.00%	0.00%	768	758	764
	Satna	0.00%	100.00%	0.00%	0.00%	774	759	766
	Seoni	0.00%	100.00%	0.00%	0.00%	788	761	774
	Sipat	0.00%	100.00%	0.00%	0.00%	764	753	759
	Sholapur	0.00%	72.64%	16.74%	16.74%	814	771	791
Tamnara PS	0.00%	35.07%	64.93%	64.93%	808	795	801	
Tirora	0.00%	100.00%	0.00%	0.00%	749	749	749	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	760	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	764	767	
Wardha	0.00%	99.72%	0.28%	0.28%	802	771	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	778	787
	Raichur	0.00%	85.35%	14.65%	14.65%	810	777	792
	Kurnool	0.00%	66.11%	33.89%	33.89%	812	785	797
	Thiruvalam	0.00%	35.83%	64.17%	64.17%	812	778	801
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	762	769
	Gaya	0.00%	100.00%	0.00%	0.00%	780	756	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	782	769	775
	Ranchi	0.00%	100.00%	0.00%	0.00%	784	766	776
Sasaram	3.06%	96.94%	0.00%	3.06%	751	725	740	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	407
	Misa (400 kV)	0.00%	99.44%	0.56%	0.56%	422	394	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411

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