

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

**System Reliability Indices Report for the week from
11-Apr-2016 to 17-Apr-2016**

Date: 21-Apr-2016

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	50	12.50	7.44
4	NEW-SR	148	37.00	22.02
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	16	4.00	2.38
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 week from 11-Apr-2016 to 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%	796	734	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	788	748	762
	Ballia	0.00%	100.00%	0.00%	0.00%	795	734	760
	Bhiwani	0.00%	96.40%	3.60%	3.60%	809	752	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.35%	99.49%	0.00%	0.35%	781	722	754
	Jhatikara	0.00%	98.56%	1.44%	1.44%	806	756	790
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	738	770
	Meerut	0.00%	89.40%	7.15%	7.15%	815	750	787
	Moga	0.00%	98.62%	1.38%	1.38%	807	749	783
	Phagi	0.00%	100.00%	0.00%	0.00%	791	733	766
Unnao	2.50%	97.50%	0.00%	2.50%	780	721	746	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	743	760
	Aurangabad	0.00%	99.77%	0.23%	0.23%	807	748	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	742	764
	Bilaspur	0.00%	99.99%	0.01%	0.01%	3060	753	764
	Bina	0.00%	100.00%	0.00%	0.00%	795	749	770
	Champa	0.00%	99.92%	0.05%	0.05%	802	773	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	756	770
	Dhule (BDTCL)	0.00%	99.94%	0.06%	0.06%	801	756	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	739	772
	Indore	0.00%	100.00%	0.00%	0.00%	790	736	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	753	771
	Koradi	0.00%	100.00%	0.00%	0.00%	775	742	753
	Pune	0.00%	99.70%	0.00%	0.00%	800	741	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	772	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	763	779
	Sasan	0.00%	100.00%	0.00%	0.00%	776	747	764
	Satna	0.00%	100.00%	0.00%	0.00%	787	750	767
	Seoni	0.00%	100.00%	0.00%	0.00%	796	756	774
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	762
	Sholapur	0.00%	89.07%	9.20%	9.20%	819	755	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	773	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	753	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	760	767	
Wardha	0.00%	99.56%	0.44%	0.44%	806	760	783	
SR	Nellore PS	0.00%	99.01%	0.99%	0.99%	804	774	788
	Raichur	0.00%	90.91%	9.09%	9.09%	813	763	788
	Kurnool	0.00%	74.55%	25.45%	25.45%	815	773	795
	Thiruvalam	0.00%	64.48%	35.52%	35.52%	817	775	797
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	757	770
	Gaya	0.00%	100.00%	0.00%	0.00%	788	734	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	760	780
Sasaram	2.17%	97.83%	0.00%	2.17%	789	716	758	
NER	Azara (400 kV)	0.13%	99.87%	0.00%	0.13%	416	367	409
	Balipara (400 kV)	0.03%	99.55%	0.42%	0.45%	431	375	406
	Bongaigaon (400 kV)	0.01%	99.97%	0.02%	0.03%	427	379	405
	Misa (400 kV)	0.02%	96.66%	3.31%	3.34%	429	375	411
	Silchar (400 kV)	0.00%	96.03%	3.97%	3.97%	426	388	413

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