

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

Date of Reporting: **26-Apr-16**  
System Reliability Indices Report for: **25-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	30	7.50	31.25
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	2	0.50	0.02
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 25-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%	792	747	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	760	765
	Ballia	0.00%	100.00%	0.00%	0.00%	778	750	767
	Bhiwani	0.00%	98.13%	1.88%	1.88%	802	761	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	738	758
	Jhatikara	0.00%	99.10%	0.90%	0.90%	801	759	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	781	754	770
	Meerut	0.00%	98.26%	1.60%	1.60%	809	760	779
	Moga	0.00%	99.51%	0.49%	0.49%	801	763	781
Phagi	0.00%	100.00%	0.00%	0.00%	792	744	766	
Unnao	0.00%	100.00%	0.00%	0.00%	763	736	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	781	751	765
	Aurangabad	0.00%	99.10%	0.90%	0.90%	802	757	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	774	748	761
	Bilaspur	0.00%	100.00%	0.00%	0.00%	766	753	760
	Bina	0.00%	100.00%	0.00%	0.00%	784	755	769
	Champa	0.00%	100.00%	0.00%	0.00%	796	777	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	772	764	766
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	758	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	750	773
	Indore	0.00%	100.00%	0.00%	0.00%	772	736	755
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	759	770
	Koradi	0.00%	100.00%	0.00%	0.00%	770	749	758
	Pune	0.00%	98.06%	0.00%	0.00%	800	747	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	789	775	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	764	779
	Sasan	0.00%	100.00%	0.00%	0.00%	771	755	764
	Satna	0.00%	100.00%	0.00%	0.00%	778	755	765
	Seoni	0.00%	100.00%	0.00%	0.00%	785	766	778
	Sipat	0.00%	100.00%	0.00%	0.00%	765	753	759
	Sholapur	0.00%	91.81%	5.00%	5.00%	804	765	786
Tamnar PS	0.00%	100.00%	0.00%	0.00%	790	777	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	753	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	773	759	766	
Wardha	0.00%	99.24%	0.76%	0.76%	802	768	784	
SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	800	776	788
	Raichur	0.00%	91.53%	8.47%	8.47%	806	767	786
	Kurnool	0.00%	80.21%	19.79%	19.79%	810	776	792
	Thiruvalam	0.00%	82.71%	17.29%	17.29%	808	781	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	757	765
	Gaya	0.00%	100.00%	0.00%	0.00%	777	746	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	785	769	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	766	776
Sasaram	0.00%	100.00%	0.00%	0.00%	782	746	764	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	408	389	401
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	408
Silchar (400 kV)	0.00%	99.17%	0.83%	0.83%	421	396	411	

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