

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

Date of Reporting: **23-Apr-16**  
System Reliability Indices Report for: **22-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	8	2.00	8.33
4	NEW-SR	48	12.00	50.00
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	1	0.25	0.01
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 21-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%	797	753	774
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	750	761
	Ballia	0.00%	100.00%	0.00%	0.00%	786	748	768
	Bhiwani	0.00%	100.00%	0.00%	0.00%	759	759	759
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	744	762
	Jhatikara	0.00%	97.43%	2.57%	2.57%	803	764	784
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	753	772
	Meerut	0.00%	80.42%	17.78%	17.78%	814	766	791
	Moga	0.00%	97.22%	2.78%	2.78%	805	763	787
Phagi	0.00%	100.00%	0.00%	0.00%	787	745	767	
Unnao	0.00%	100.00%	0.00%	0.00%	780	743	757	
WR	Akola	0.00%	100.00%	0.00%	0.00%	772	754	768
	Aurangabad	0.00%	99.17%	0.83%	0.83%	803	749	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	753	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	755	762
	Bina	0.00%	100.00%	0.00%	0.00%	790	756	773
	Champa	0.00%	100.00%	0.00%	0.00%	799	778	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	759	769
	Dhule (BDTCL)	0.00%	99.58%	0.42%	0.42%	801	758	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	753	775
	Indore	0.00%	100.00%	0.00%	0.00%	785	747	766
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	761	775
	Koradi	0.00%	100.00%	0.00%	0.00%	763	751	761
	Pune	0.00%	100.00%	0.00%	0.00%	795	743	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	776	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	775	760	766
	Satna	0.00%	100.00%	0.00%	0.00%	785	752	769
	Seoni	0.00%	100.00%	0.00%	0.00%	793	759	775
	Sipat	0.00%	100.00%	0.00%	0.00%	770	755	762
	Sholapur	0.00%	83.68%	15.35%	15.35%	806	767	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	777	784	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	757	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	760	768	
Wardha	0.00%	96.60%	3.40%	3.40%	806	763	785	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	771	784
	Raichur	0.00%	95.63%	4.38%	4.38%	806	762	786
	Kurnool	0.00%	80.97%	19.03%	19.03%	810	772	792
	Thiruvalam	0.00%	88.13%	11.88%	11.88%	807	773	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	773	759	766
	Gaya	0.00%	100.00%	0.00%	0.00%	783	748	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	771	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	765	777
Sasaram	0.00%	100.00%	0.00%	0.00%	783	748	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	402
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	410
	Silchar (400 kV)	0.00%	93.33%	6.67%	6.67%	421	405	414

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