

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

**System Reliability Indices Report for the week from
18-Apr-2016 to 24-Apr-2016**

Date: 28-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	96	24.00	14.29
4	NEW-SR	214	53.50	31.85
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	5	1.25	0.74
4	NEW-SR	1	0.25	0.15
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 18-Apr-2016 to 24-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	740	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	750	765
	Ballia	0.00%	100.00%	0.00%	0.00%	790	739	764
	Bhiwani	0.00%	98.67%	1.33%	1.33%	804	756	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	731	758
	Jhatikara	0.00%	96.05%	3.95%	3.95%	807	749	782
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	742	767
	Meerut	0.00%	86.74%	11.02%	11.02%	814	752	786
	Moga	0.00%	98.59%	1.41%	1.41%	806	750	781
Phagi	0.00%	100.00%	0.00%	0.00%	789	737	764	
Unnao	0.00%	100.00%	0.00%	0.00%	781	728	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	741	762
	Aurangabad	0.00%	99.36%	0.64%	0.64%	805	748	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	737	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	750	760
	Bina	0.00%	100.00%	0.00%	0.00%	794	748	770
	Champa	0.00%	99.95%	0.04%	0.04%	802	772	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	755	767
	Dhule (BDTCL)	0.00%	99.93%	0.07%	0.07%	801	749	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	744	772
	Indore	0.00%	100.00%	0.00%	0.00%	787	732	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	751	771
	Koradi	0.00%	100.00%	0.00%	0.00%	770	743	756
	Pune	0.00%	99.94%	0.00%	0.00%	800	740	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	772	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	768	779
	Sasan	0.00%	100.00%	0.00%	0.00%	776	756	764
	Satna	0.00%	100.00%	0.00%	0.00%	785	749	766
	Seoni	0.00%	100.00%	0.00%	0.00%	793	751	772
	Sipat	0.00%	100.00%	0.00%	0.00%	770	750	760
	Sholapur	0.00%	94.52%	4.61%	4.61%	811	754	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	773	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	747	773	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	757	767	
Wardha	0.00%	98.63%	1.37%	1.37%	806	756	781	
SR	Nellore PS	0.00%	99.94%	0.06%	0.06%	801	769	785
	Raichur	0.00%	97.40%	2.60%	2.60%	808	762	786
	Kurnool	0.00%	82.72%	17.28%	17.28%	812	772	792
	Thiruvalam	0.00%	83.58%	16.42%	16.42%	812	771	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	786	755	767
	Gaya	0.00%	100.00%	0.00%	0.00%	790	740	763
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	766	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	778
Sasaram	0.25%	99.75%	0.00%	0.25%	787	718	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	98.90%	1.10%	1.10%	423	393	406
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	401
	Misa (400 kV)	0.00%	97.82%	2.18%	2.18%	427	395	410
	Silchar (400 kV)	0.00%	95.39%	4.61%	4.61%	427	398	414

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