

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

**Date of Reporting: 13-Apr-16
System Reliability Indices Report for: 12-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	18	4.50	18.75
4	NEW-SR	35	8.75	36.46
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 12-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%	794	751	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	748	763
	Ballia	0.00%	100.00%	0.00%	0.00%	795	743	763
	Bhiwani	0.00%	97.92%	2.08%	2.08%	803	764	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	731	754
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	792	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	791	752	779
	Meerut	0.00%	96.04%	2.92%	2.92%	808	762	785
	Moga	0.00%	99.93%	0.07%	0.07%	800	755	783
Phagi	0.00%	100.00%	0.00%	0.00%	780	748	763	
Unnao	0.00%	100.00%	0.00%	0.00%	779	730	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	768	748	757
	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	767	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	748	767
	Bilaspur	0.00%	99.93%	0.07%	0.07%	3060	759	766
	Bina	0.00%	100.00%	0.00%	0.00%	785	755	769
	Champa	0.00%	100.00%	0.00%	0.00%	795	780	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	766	772
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	766	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	793	752	772
	Indore	0.00%	100.00%	0.00%	0.00%	782	744	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	759	771
	Koradi	0.00%	100.00%	0.00%	0.00%	759	745	751
	Pune	0.00%	100.00%	0.00%	0.00%	798	753	776
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	789	777	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	783	774	781
	Sasan	0.00%	100.00%	0.00%	0.00%	772	760	765
	Satna	0.00%	100.00%	0.00%	0.00%	780	757	767
	Seoni	0.00%	100.00%	0.00%	0.00%	784	767	776
	Sipat	0.00%	100.00%	0.00%	0.00%	770	760	764
	Sholapur	0.00%	92.08%	4.58%	4.58%	810	766	787
Tamnar PS	0.00%	100.00%	0.00%	0.00%	790	779	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	767	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	799	774	786	
SR	Nellore PS	0.00%	99.44%	0.56%	0.56%	801	778	789
	Raichur	0.00%	88.82%	11.18%	11.18%	811	771	789
	Kurnool	0.00%	67.29%	32.71%	32.71%	815	778	795
	Thiruvalam	0.00%	59.72%	40.28%	40.28%	816	782	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	778	764	770
	Gaya	0.00%	100.00%	0.00%	0.00%	788	741	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	773	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	772	781
	Sasaram	4.79%	95.21%	0.00%	4.79%	767	718	755
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	387	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	388	403
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	409
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	413

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