

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

**Date of Reporting: 16-Apr-16
System Reliability Indices Report for: 15-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	14	3.50	14.58
4	NEW-SR	20	5.00	20.83
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	12	3.00	0.13
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 15-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%	788	746	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	755	761
	Ballia	0.00%	100.00%	0.00%	0.00%	777	740	760
	Bhiwani	0.00%	99.44%	0.56%	0.56%	801	762	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	773	735	757
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	792	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	783	745	767
	Meerut	0.00%	91.88%	5.42%	5.42%	804	766	788
	Moga	0.00%	99.10%	0.90%	0.90%	803	764	786
Phagi	0.00%	100.00%	0.00%	0.00%	784	748	767	
Unnao	6.32%	93.68%	0.00%	6.32%	757	724	744	
WR	Akola	0.00%	100.00%	0.00%	0.00%	776	744	759
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	748	775
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	747	764
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	756	763
	Bina	0.00%	100.00%	0.00%	0.00%	786	753	769
	Champa	0.00%	100.00%	0.00%	0.00%	797	774	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	762	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	758	776
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	751	772
	Indore	0.00%	100.00%	0.00%	0.00%	790	746	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	757	771
	Koradi	0.00%	100.00%	0.00%	0.00%	768	742	753
	Pune	0.00%	100.00%	0.00%	0.00%	798	745	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	778	783
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	773	778
	Sasan	0.00%	100.00%	0.00%	0.00%	769	756	763
	Satna	0.00%	100.00%	0.00%	0.00%	775	757	766
	Seoni	0.00%	100.00%	0.00%	0.00%	789	761	773
	Sipat	0.00%	100.00%	0.00%	0.00%	771	758	763
	Sholapur	0.00%	90.63%	6.53%	6.53%	807	755	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	778	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	760	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	761	766	
Wardha	0.00%	100.00%	0.00%	0.00%	799	765	781	
SR	Nellore PS	0.00%	99.86%	0.14%	0.14%	800	780	789
	Raichur	0.00%	88.61%	11.39%	11.39%	807	769	789
	Kurnool	0.00%	69.58%	30.42%	30.42%	813	782	797
	Thiruvalam	0.00%	49.86%	50.14%	50.14%	817	785	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	782	757	768
	Gaya	0.00%	100.00%	0.00%	0.00%	773	740	758
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	772	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	787	747	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410
	Balipara (400 kV)	0.00%	98.13%	1.88%	1.88%	421	391	406
	Bongaigaon (400 kV)	0.07%	99.93%	0.00%	0.07%	416	379	406
	Misa (400 kV)	0.00%	88.33%	11.67%	11.67%	427	397	411
	Silchar (400 kV)	0.00%	80.28%	19.72%	19.72%	425	403	415

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