

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

**Date of Reporting: 1-May-16
System Reliability Indices Report for: 30-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	10.42
4	NEW-SR	1	0.25	1.04
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 30-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%	789	748	765
	Anpara-C	0.00%	100.00%	0.00%	0.00%	765	755	760
	Ballia	0.00%	100.00%	0.00%	0.00%	770	742	755
	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	766	778
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	755
	Fatehpur	0.00%	100.00%	0.00%	0.00%	769	732	749
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	759	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	776	749	759
	Meerut	0.00%	100.00%	0.00%	0.00%	796	761	777
	Moga	0.00%	100.00%	0.00%	0.00%	793	764	777
Phagi	0.00%	100.00%	0.00%	0.00%	781	749	760	
Unnao	0.00%	100.00%	0.00%	0.00%	767	739	751	
WR	Akola	0.00%	100.00%	0.00%	0.00%	773	746	757
	Aurangabad	0.00%	99.79%	0.21%	0.21%	804	753	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	780	749	763
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	756	759
	Bina	0.00%	100.00%	0.00%	0.00%	783	758	768
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	767	773
	Dhule (BDTCL)	0.00%	99.44%	0.56%	0.56%	801	755	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	787	753	767
	Indore	0.00%	100.00%	0.00%	0.00%	778	738	758
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	762	772
	Koradi	0.00%	100.00%	0.00%	0.00%	766	746	754
	Pune	0.00%	100.00%	0.00%	0.00%	784	784	784
	Raigarh PS (Kotra)	0.07%	99.65%	0.28%	0.35%	801	700	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	796	777	785
	Sasan	0.00%	100.00%	0.00%	0.00%	768	757	763
	Satna	0.00%	100.00%	0.00%	0.00%	776	755	763
	Seoni	0.00%	100.00%	0.00%	0.00%	790	762	774
	Sipat	0.00%	100.00%	0.00%	0.00%	770	757	763
	Sholapur	0.00%	97.22%	1.94%	1.94%	804	765	786
Tamnara PS	0.00%	99.44%	0.56%	0.56%	801	787	793	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	751	772	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	760	765	
Wardha	0.00%	99.38%	0.63%	0.63%	804	765	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	777	786
	Raichur	0.00%	96.60%	3.40%	3.40%	811	773	791
	Kurnool	0.00%	76.39%	23.61%	23.61%	812	781	795
	Thiruvalam	0.00%	94.79%	5.21%	5.21%	803	778	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	767	774
	Gaya	0.00%	100.00%	0.00%	0.00%	769	742	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	775	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	793	773	783
	Sasaram	0.00%	100.00%	0.00%	0.00%	768	739	751
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	389	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	386	401
	Misa (400 kV)	0.00%	99.03%	0.97%	0.97%	423	391	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	392	409

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