

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

Date of Reporting: **28-Apr-16**
System Reliability Indices Report for: **27-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	Import of NR	23	5.75	23.96
4	NEW-SR	0	0.00	0.00
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	2	0.50	0.02
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 27-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%	786	740	766
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	757	763
	Ballia	0.00%	100.00%	0.00%	0.00%	777	739	760
	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	759	780
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	741	756
	Fatehpur	0.00%	99.65%	0.00%	0.00%	765	728	748
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	756	778
	Lucknow	0.00%	100.00%	0.00%	0.00%	786	745	766
	Meerut	0.00%	97.22%	1.53%	1.53%	803	761	782
	Moga	0.00%	100.00%	0.00%	0.00%	797	763	782
Phagi	0.00%	100.00%	0.00%	0.00%	783	738	762	
Unnao	0.00%	100.00%	0.00%	0.00%	765	730	749	
WR	Akola	0.00%	100.00%	0.00%	0.00%	767	752	760
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	768	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	777	752	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	768	753	761
	Bina	0.00%	100.00%	0.00%	0.00%	782	752	769
	Champa	0.00%	100.00%	0.00%	0.00%	794	780	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	761	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	767	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	742	771
	Indore	0.00%	100.00%	0.00%	0.00%	774	746	761
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	758	772
	Koradi	0.00%	100.00%	0.00%	0.00%	761	750	755
	Pune	0.00%	100.00%	0.00%	0.00%	790	759	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%	789	768	781
	Sasan	0.00%	100.00%	0.00%	0.00%	771	742	763
	Satna	0.00%	100.00%	0.00%	0.00%	775	752	765
	Seoni	0.00%	100.00%	0.00%	0.00%	786	766	775
	Sipat	0.00%	100.00%	0.00%	0.00%	766	756	760
	Sholapur	0.00%	97.22%	1.25%	1.25%	803	737	789
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	778	782	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	788	765	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	758	766	
Wardha	0.00%	99.93%	0.07%	0.07%	801	775	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	777	787
	Raichur	0.00%	98.47%	1.53%	1.53%	805	779	790
	Kurnool	0.00%	84.72%	15.28%	15.28%	808	783	795
	Thiruvalam	0.00%	90.00%	10.00%	10.00%	806	783	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	758	767
	Gaya	0.00%	100.00%	0.00%	0.00%	771	739	756
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	787	770	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	770	778
Sasaram	0.00%	100.00%	0.00%	0.00%	773	733	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	393	407
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	411
	Silchar (400 kV)	0.00%	97.85%	2.15%	2.15%	422	390	411

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