

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

Date of Reporting: **29-Apr-16**
System Reliability Indices Report for: **28-Apr-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	61	15.25	63.54
2	ER-NR	0	0.00	0.00
3	Import of NR	85	21.25	88.54
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	13	3.25	0.14
2	ER-NR	0	0.00	0.00
3	Import of NR	25	6.25	0.26
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 28-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%	781	745	764
	Anpara-C	0.00%	100.00%	0.00%	0.00%	764	756	760
	Ballia	0.00%	100.00%	0.00%	0.00%	769	743	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	794	760	777
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	743	755
	Fatehpur	0.42%	99.31%	0.00%	0.42%	763	727	748
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	756	776
	Lucknow	0.00%	100.00%	0.00%	0.00%	778	749	763
	Meerut	0.00%	98.54%	0.63%	0.63%	802	764	781
	Moga	0.00%	100.00%	0.00%	0.00%	790	766	776
Phagi	0.00%	100.00%	0.00%	0.00%	778	742	759	
Unnao	0.00%	100.00%	0.00%	0.00%	758	728	744	
WR	Akola	0.00%	100.00%	0.00%	0.00%	769	747	759
	Aurangabad	0.00%	100.00%	0.00%	0.00%	800	764	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	760	756	758
	Bina	0.00%	100.00%	0.00%	0.00%	784	757	769
	Champa	0.00%	100.00%	0.00%	0.00%	797	776	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	759	771
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	764	780
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	749	768
	Indore	0.00%	100.00%	0.00%	0.00%	782	749	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	761	773
	Koradi	0.00%	100.00%	0.00%	0.00%	763	747	755
	Pune	0.00%	100.00%	0.00%	0.00%	799	756	779
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	791	776	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	785	766	781
	Sasan	0.00%	100.00%	0.00%	0.00%	769	758	763
	Satna	0.00%	100.00%	0.00%	0.00%	775	756	764
	Seoni	0.00%	100.00%	0.00%	0.00%	791	762	777
	Sipat	0.00%	100.00%	0.00%	0.00%	768	752	761
	Sholapur	0.00%	91.60%	4.51%	4.51%	804	769	788
Tamnara PS	0.00%	100.00%	0.00%	0.00%	792	776	784	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	762	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	771	762	766	
Wardha	0.00%	97.92%	2.08%	2.08%	803	770	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	777	785
	Raichur	0.00%	97.08%	2.92%	2.92%	805	775	789
	Kurnool	0.00%	82.50%	17.50%	17.50%	808	780	793
	Thiruvalam	0.00%	99.10%	0.90%	0.90%	801	779	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	775	761	768
	Gaya	0.00%	100.00%	0.00%	0.00%	767	741	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	770	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	769	779
Sasaram	0.00%	100.00%	0.00%	0.00%	763	731	750	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407
	Balipara (400 kV)	0.00%	99.38%	0.63%	0.63%	421	389	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	390	404
	Misa (400 kV)	0.00%	97.57%	2.43%	2.43%	422	393	407
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	387	408	

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