

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

**Date of Reporting: 17-Apr-16
System Reliability Indices Report for: 16-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	2	0.50	2.08
4	NEW-SR	14	3.50	14.58
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 16-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	741	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	768	753	760
	Ballia	0.00%	100.00%	0.00%	0.00%	777	738	757
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	758	782
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	99.51%	0.00%	0.00%	774	728	753
	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	756	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	784	742	762
	Meerut	0.00%	98.06%	1.53%	1.53%	804	760	785
	Moga	0.00%	99.65%	0.35%	0.35%	801	758	782
	Phagi	0.00%	100.00%	0.00%	0.00%	780	746	766
Unnao	9.24%	90.76%	0.00%	9.24%	757	721	739	
WR	Akola	0.00%	100.00%	0.00%	0.00%	780	745	759
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	754	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	746	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	786	750	771
	Champa	0.00%	100.00%	0.00%	0.00%	799	776	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	758	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	757	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	746	772
	Indore	0.00%	100.00%	0.00%	0.00%	785	742	764
	Jabalpur	0.00%	100.00%	0.00%	0.00%	792	753	772
	Koradi	0.00%	100.00%	0.00%	0.00%	756	751	752
	Pune	0.00%	99.58%	0.00%	0.00%	800	752	775
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	774	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	791	763	779
	Sasan	0.00%	100.00%	0.00%	0.00%	772	747	764
	Satna	0.00%	100.00%	0.00%	0.00%	781	755	766
	Seoni	0.00%	100.00%	0.00%	0.00%	792	758	772
	Sipat	0.00%	100.00%	0.00%	0.00%	767	755	762
	Sholapur	0.00%	74.44%	25.35%	25.35%	801	763	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	775	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	791	759	774	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	761	765	
Wardha	0.00%	98.96%	1.04%	1.04%	804	765	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	775	784
	Raichur	0.00%	98.33%	1.67%	1.67%	809	768	784
	Kurnool	0.00%	95.63%	4.38%	4.38%	810	777	790
	Thiruvalam	0.00%	99.24%	0.76%	0.76%	802	779	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	758	770
	Gaya	0.00%	100.00%	0.00%	0.00%	775	736	755
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	768	780
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	780
Sasaram	0.00%	100.00%	0.00%	0.00%	787	735	763	
NER	Azara (400 kV)	0.91%	99.09%	0.00%	0.91%	412	367	408
	Balipara (400 kV)	0.22%	99.13%	0.65%	0.87%	431	375	404
	Bongaigaon (400 kV)	0.00%	99.86%	0.14%	0.14%	427	393	405
	Misa (400 kV)	0.15%	99.71%	0.15%	0.29%	426	375	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	388	409

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