

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

**Date of Reporting: 3-May-16
System Reliability Indices Report for: 2-May-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	27	6.75	28.13
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	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 02-May-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	745	762
	Anpara-C	0.00%	100.00%	0.00%	0.00%	761	753	756
	Ballia	0.00%	100.00%	0.00%	0.00%	772	739	753
	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	757	774
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	742	753
	Fatehpur	0.07%	99.86%	0.00%	0.07%	770	724	745
	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	752	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	778	744	756
	Meerut	0.00%	100.00%	0.00%	0.00%	798	757	773
	Moga	0.00%	100.00%	0.00%	0.00%	793	757	768
	Phagi	0.00%	100.00%	0.00%	0.00%	789	739	762
Unnao	0.56%	99.44%	0.00%	0.56%	765	727	741	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	743	761
	Aurangabad	0.00%	99.79%	0.21%	0.21%	804	764	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	752	765
	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	756	766
	Bina	0.00%	100.00%	0.00%	0.00%	793	759	772
	Champa	0.00%	99.93%	0.00%	0.00%	800	781	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	765	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	765	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	753	769
	Indore	0.00%	100.00%	0.00%	0.00%	782	744	760
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	764	776
	Koradi	0.00%	100.00%	0.00%	0.00%	771	738	754
	Pune	0.00%	100.00%	0.00%	0.00%	784	772	779
	Raigarh PS (Kotra)	0.00%	94.72%	5.28%	5.28%	806	778	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	774	792
	Sasan	0.00%	100.00%	0.00%	0.00%	775	761	767
	Satna	0.00%	100.00%	0.00%	0.00%	786	759	769
	Seoni	0.00%	100.00%	0.00%	0.00%	796	766	777
	Sipat	0.00%	100.00%	0.00%	0.00%	775	755	765
	Sholapur	0.00%	93.33%	5.28%	5.28%	806	775	789
Tamnara PS	0.00%	93.96%	6.04%	6.04%	805	789	797	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	790	763	775	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	780	764	770	
Wardha	0.00%	97.01%	2.99%	2.99%	805	767	785	
SR	Nellore PS	0.00%	99.72%	0.28%	0.28%	801	778	788
	Raichur	0.00%	85.35%	14.65%	14.65%	811	778	791
	Kurnool	0.00%	54.44%	45.56%	45.56%	814	782	796
	Thiruvalam	0.00%	77.71%	22.29%	22.29%	810	784	794
ER	Angul	0.00%	100.00%	0.00%	0.00%	781	764	774
	Gaya	0.00%	100.00%	0.00%	0.00%	769	740	753
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	779	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	775	786
Sasaram	0.00%	100.00%	0.00%	0.00%	768	732	747	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	407
	Misa (400 kV)	0.00%	99.65%	0.35%	0.35%	421	400	411
	Silchar (400 kV)	0.00%	68.31%	31.69%	31.69%	424	405	416

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