

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

**Date of Reporting: 5-May-16  
System Reliability Indices Report for: 4-May-16**

**Percentage (%) of times ATC was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	27	6.75	28.13
4	NEW-SR	10	2.50	10.42
5	ER-NER	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

<b>S.No.</b>	<b>Corridor</b>	<b>Number of Blocks Violated</b>	<b>Number of Hours Violated</b>	<b>%Violation</b>
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 04-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%	786	748	767
	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	756	765
	Ballia	0.00%	100.00%	0.00%	0.00%	782	746	762
	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	761	776
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	745	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	754
	Jhatikara	0.00%	100.00%	0.00%	0.00%	773	773	773
	Lucknow	0.00%	100.00%	0.00%	0.00%	788	748	767
	Meerut	0.00%	100.00%	0.00%	0.00%	798	760	779
	Moga	0.00%	100.00%	0.00%	0.00%	790	759	774
Phagi	0.00%	100.00%	0.00%	0.00%	778	746	763	
Unnao	0.00%	100.00%	0.00%	0.00%	781	729	754	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	747	764
	Aurangabad	0.00%	95.28%	4.72%	4.72%	805	757	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	752	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	776	760	766
	Bina	0.00%	100.00%	0.00%	0.00%	792	761	775
	Champa	0.00%	99.31%	0.07%	0.07%	801	783	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	771	776
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	763	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	756	773
	Indore	0.00%	100.00%	0.00%	0.00%	781	744	762
	Jabalpur	0.00%	100.00%	0.00%	0.00%	794	766	779
	Koradi	0.00%	100.00%	0.00%	0.00%	773	744	756
	Pune	0.00%	100.00%	0.00%	0.00%	773	753	757
	Raigarh PS (Kotra)	0.00%	95.60%	4.40%	4.40%	802	787	796
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	779	791
	Sasan	0.00%	100.00%	0.00%	0.00%	779	760	770
	Satna	0.00%	100.00%	0.00%	0.00%	786	758	772
	Seoni	0.00%	100.00%	0.00%	0.00%	795	765	778
	Sipat	0.00%	100.00%	0.00%	0.00%	774	759	766
	Sholapur	0.00%	85.83%	7.85%	7.85%	811	762	785
Tamnara PS	0.00%	92.64%	7.36%	7.36%	804	788	795	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	761	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	762	773	
Wardha	0.00%	96.60%	3.40%	3.40%	805	769	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	766	783
	Raichur	0.00%	80.97%	19.03%	19.03%	810	763	787
	Kurnool	0.00%	72.43%	27.57%	27.57%	811	768	791
	Thiruvalam	0.00%	77.64%	22.36%	22.36%	806	777	792
ER	Angul	0.00%	100.00%	0.00%	0.00%	780	768	774
	Gaya	0.00%	100.00%	0.00%	0.00%	780	742	759
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	778	787
Sasaram	0.00%	100.00%	0.00%	0.00%	771	733	751	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	388	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	381	405
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	388	409
	Silchar (400 kV)	0.00%	99.86%	0.14%	0.14%	423	395	413

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