

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

**Date of Reporting: 4-Apr-16  
System Reliability Indices Report for: 3-Apr-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	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	2	0.50	2.08
4	NEW-SR	0	0.00	0.00
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	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 03-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%	790	760	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	761	765
	Ballia	0.00%	100.00%	0.00%	0.00%	790	751	770
	Bhiwani	0.00%	93.96%	6.04%	6.04%	801	776	790
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	747	759
	Jhatikara	0.00%	91.81%	8.19%	8.19%	806	775	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	796	763	778
	Meerut	0.00%	73.06%	19.10%	19.10%	811	771	794
	Moga	0.00%	100.00%	0.00%	0.00%	795	768	779
Phagi	0.00%	100.00%	0.00%	0.00%	783	756	772	
Unnao	0.00%	100.00%	0.00%	0.00%	771	743	756	
WR	Akola	0.00%	100.00%	0.00%	0.00%	747	747	747
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	752	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	758	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	766	752	759
	Bina	0.00%	100.00%	0.00%	0.00%	782	761	772
	Champa	0.00%	13.89%	86.11%	86.11%	814	789	805
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	767	756	763
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	748	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	788	762	775
	Indore	0.00%	100.00%	0.00%	0.00%	778	746	765
	Jabalpur	0.00%	100.00%	0.00%	0.00%	783	763	773
	Koradi	0.00%	100.00%	0.00%	0.00%	751	751	751
	Pune	0.00%	99.93%	0.00%	0.00%	800	760	780
	Raigarh PS (Kotra)	0.00%	32.29%	67.71%	67.71%	809	787	801
	Raipur PS (Durg)	0.00%	43.47%	56.53%	56.53%	804	776	799
	Sasan	0.00%	100.00%	0.00%	0.00%	769	761	766
	Satna	0.00%	100.00%	0.00%	0.00%	774	760	768
	Seoni	0.00%	100.00%	0.00%	0.00%	786	758	774
	Sipat	0.00%	100.00%	0.00%	0.00%	765	753	760
	Sholapur	0.00%	80.07%	18.47%	18.47%	814	775	791
Tamnara PS	0.00%	30.42%	69.58%	69.58%	809	789	801	
Tirora	0.00%	100.00%	0.00%	0.00%	749	749	749	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	763	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	772	767	769	
Wardha	0.00%	99.44%	0.56%	0.56%	803	759	783	
SR	Nellore PS	0.00%	99.58%	0.42%	0.42%	802	782	788
	Raichur	0.00%	86.67%	13.33%	13.33%	813	780	793
	Kurnool	0.00%	64.10%	35.90%	35.90%	816	788	799
	Thiruvalam	0.00%	22.15%	77.85%	77.85%	815	796	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	776	762	770
	Gaya	0.00%	100.00%	0.00%	0.00%	790	746	768
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	785	769	777
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	767	778
	Sasaram	0.69%	99.31%	0.00%	0.69%	752	724	741
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	99.93%	0.07%	0.07%	420	392	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	410
	Misa (400 kV)	0.00%	95.42%	4.58%	4.58%	424	398	413
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	403	413

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