

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

**Date of Reporting: 12-Apr-16  
System Reliability Indices Report for: 11-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	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	15	3.75	15.63
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 11-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%	788	749	768
	Anpara-C	0.00%	100.00%	0.00%	0.00%	766	748	758
	Ballia	0.00%	100.00%	0.00%	0.00%	780	743	759
	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	763	787
	Bareilly	0.00%	100.00%	0.00%	0.00%	756	756	756
	Fatehpur	1.04%	98.61%	0.00%	1.04%	771	726	747
	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	792	792
	Lucknow	0.00%	100.00%	0.00%	0.00%	781	751	767
	Meerut	0.00%	87.92%	2.92%	2.92%	805	762	785
	Moga	0.00%	100.00%	0.00%	0.00%	797	756	781
	Phagi	0.00%	100.00%	0.00%	0.00%	775	746	762
Unnao	0.00%	100.00%	0.00%	0.00%	760	730	745	
WR	Akola	0.00%	100.00%	0.00%	0.00%	775	744	760
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	754	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	749	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	758	764
	Bina	0.00%	100.00%	0.00%	0.00%	781	758	769
	Champa	0.00%	100.00%	0.00%	0.00%	797	778	786
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	776	764	769
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	763	779
	Gwalior	0.00%	100.00%	0.00%	0.00%	785	755	771
	Indore	0.00%	100.00%	0.00%	0.00%	786	747	763
	Jabalpur	0.00%	100.00%	0.00%	0.00%	785	761	770
	Koradi	0.00%	100.00%	0.00%	0.00%	764	742	753
	Pune	0.00%	100.00%	0.00%	0.00%	797	749	774
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	794	776	782
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	774	780
	Sasan	0.00%	100.00%	0.00%	0.00%	770	760	764
	Satna	0.00%	100.00%	0.00%	0.00%	777	758	766
	Seoni	0.00%	100.00%	0.00%	0.00%	785	759	774
	Sipat	0.00%	100.00%	0.00%	0.00%	769	759	764
	Sholapur	0.00%	92.36%	5.63%	5.63%	807	760	786
Tamnara PS	0.00%	100.00%	0.00%	0.00%	789	777	783	
Tirora	0.00%	100.00%	0.00%	0.00%	765	765	765	
Vadodara	0.00%	100.00%	0.00%	0.00%	793	761	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	775	765	768	
Wardha	0.00%	99.93%	0.07%	0.07%	800	764	785	
SR	Nellore PS	0.00%	94.93%	5.07%	5.07%	804	778	790
	Raichur	0.00%	87.50%	12.50%	12.50%	808	768	789
	Kurnool	0.00%	74.79%	25.21%	25.21%	813	777	795
	Thiruvalam	0.00%	64.03%	35.97%	35.97%	811	781	796
ER	Angul	0.00%	100.00%	0.00%	0.00%	774	764	768
	Gaya	0.00%	100.00%	0.00%	0.00%	777	741	757
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	786	773	779
	Ranchi	0.00%	100.00%	0.00%	0.00%	788	771	779
Sasaram	0.00%	100.00%	0.00%	0.00%	761	761	761	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	391	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	403
	Misa (400 kV)	0.00%	99.93%	0.07%	0.07%	420	397	410
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	411	

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