

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

**Date of Reporting: 12-Mar-17  
System Reliability Indices Report for: 11-Mar-17**

**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	5	1.25	5.21
5	NER Import	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	NER Import	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-Mar-2017

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%	794	759	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	763	773
	Ballia	0.00%	100.00%	0.00%	0.00%	795	761	778
	Bhiwani	0.00%	86.12%	13.88%	13.88%	810	783	794
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	744	763
	Jhatikara	0.00%	77.01%	22.99%	22.99%	814	776	794
	Lucknow	0.00%	99.86%	0.14%	0.14%	801	761	782
	Meerut	0.00%	50.19%	43.06%	43.06%	814	776	798
	Moga	0.00%	75.07%	24.93%	24.93%	810	777	794
Phagi	0.00%	90.42%	9.58%	9.58%	803	768	787	
Unnao	0.00%	100.00%	0.00%	0.00%	780	747	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	758	776
	Aurangabad	0.00%	99.38%	0.63%	0.63%	803	759	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	754	775
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	754	765
	Bina	0.00%	100.00%	0.00%	0.00%	793	755	780
	Champa	0.00%	83.82%	10.42%	10.42%	805	783	795
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	767	782
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	772	772	772
	Gwalior	0.00%	97.50%	2.50%	2.50%	804	763	785
	Indore	0.00%	100.00%	0.00%	0.00%	798	757	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	797	760	785
	Koradi	0.00%	100.00%	0.00%	0.00%	783	755	769
	Pune	0.00%	100.00%	0.00%	0.00%	798	740	774
	Raigarh PS (Kotra)	0.00%	98.75%	1.25%	1.25%	801	784	793
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	799	776	786
	Sasan	0.00%	100.00%	0.00%	0.00%	780	754	769
	Satna	0.00%	100.00%	0.00%	0.00%	789	756	775
	Seoni	0.00%	100.00%	0.00%	0.00%	796	759	779
	Sipat	0.00%	100.00%	0.00%	0.00%	770	754	764
	Sholapur	0.00%	96.88%	3.13%	3.13%	804	765	786
Tamnara PS	0.00%	99.79%	0.21%	0.21%	800	784	793	
Tirora	0.00%	100.00%	0.00%	0.00%	773	753	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	765	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	779	756	771	
Wardha	0.00%	100.00%	0.00%	0.00%	786	786	786	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	768	780
	Raichur	0.00%	99.72%	0.28%	0.28%	800	766	784
	Kurnool	0.00%	99.31%	0.69%	0.69%	802	770	787
	Thiruvalam	0.00%	86.25%	13.75%	13.75%	803	777	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	793	774	784
	Gaya	0.00%	100.00%	0.00%	0.00%	792	762	777
	Jharsuguda	0.00%	98.61%	1.39%	1.39%	801	777	791
	Ranchi	0.00%	100.00%	0.00%	0.00%	799	777	789
Sasaram	0.21%	99.79%	0.00%	0.21%	757	727	747	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	408
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	420	389	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	407
	Misa (400 kV)	0.00%	93.89%	6.11%	6.11%	427	399	412
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	407

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