

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

Date of Reporting: **15-Mar-17**  
System Reliability Indices Report for: **14-Mar-17**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	1.04
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	3.13
4	NEW-SR	13	3.25	13.54
5	NER Import	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	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 14-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%	793	751	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	762	771
	Ballia	0.00%	100.00%	0.00%	0.00%	793	758	775
	Bhiwani	0.00%	69.51%	30.49%	30.49%	814	773	795
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	756	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	782	736	764
	Jhatikara	0.00%	73.82%	26.18%	26.18%	812	768	793
	Lucknow	0.00%	100.00%	0.00%	0.00%	799	759	777
	Meerut	0.00%	65.97%	28.26%	28.26%	808	762	792
	Moga	0.00%	49.51%	50.49%	50.49%	806	777	796
Phagi	0.00%	92.36%	7.64%	7.64%	806	750	787	
Unnao	0.00%	100.00%	0.00%	0.00%	777	734	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	753	776
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	754	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	771	752	764
	Bina	0.00%	100.00%	0.00%	0.00%	793	756	780
	Champa	0.00%	100.00%	0.00%	0.00%	799	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	763	779
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	772	776
	Gwalior	0.00%	99.51%	0.49%	0.49%	801	759	785
	Indore	0.00%	100.00%	0.00%	0.00%	791	751	777
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	760	784
	Koradi	0.00%	100.00%	0.00%	0.00%	779	754	769
	Pune	0.00%	99.72%	0.00%	0.00%	800	744	773
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	792	775	784
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	792	768	779
	Sasan	0.00%	100.00%	0.00%	0.00%	781	756	767
	Satna	0.00%	100.00%	0.00%	0.00%	792	757	774
	Seoni	0.00%	100.00%	0.00%	0.00%	789	760	778
	Sipat	0.00%	100.00%	0.00%	0.00%	768	751	762
	Sholapur	0.00%	98.82%	1.18%	1.18%	808	763	785
Tamnar PS	0.00%	100.00%	0.00%	0.00%	791	776	785	
Tirora	0.00%	100.00%	0.00%	0.00%	770	752	763	
Vadodara	0.00%	91.64%	8.36%	8.36%	803	764	785	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	782	759	770	
Wardha	0.00%	100.00%	0.00%	0.00%	791	762	781	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	767	779
	Raichur	0.00%	100.00%	0.00%	0.00%	798	764	784
	Kurnool	0.00%	99.58%	0.42%	0.42%	801	768	787
	Thiruvalam	0.00%	89.10%	10.90%	10.90%	803	773	789
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	773	782
	Gaya	0.00%	100.00%	0.00%	0.00%	790	758	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	796	769	785
Sasaram	3.89%	96.11%	0.00%	3.89%	784	724	759	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	407
	Misa (400 kV)	0.00%	77.78%	22.22%	22.22%	424	402	414
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	410

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