

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

**Date of Reporting: 28-Mar-17  
System Reliability Indices Report for: 27-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	4	1.00	4.17
3	Import of NR	0	0.00	0.00
4	NEW-SR	9	2.25	9.38
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 27-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%	788	753	772
	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	762	766
	Ballia	0.00%	100.00%	0.00%	0.00%	791	739	774
	Bhiwani	0.00%	88.68%	11.32%	11.32%	806	771	788
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	757	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	777	740	761
	Jhatikara	0.00%	87.15%	12.85%	12.85%	805	766	785
	Lucknow	0.00%	100.00%	0.00%	0.00%	792	756	774
	Meerut	0.00%	88.47%	9.44%	9.44%	805	766	786
	Moga	0.00%	100.00%	0.00%	0.00%	798	768	783
Phagi	0.00%	100.00%	0.00%	0.00%	792	762	778	
Unnao	0.00%	100.00%	0.00%	0.00%	773	743	759	
WR	Akola	0.00%	100.00%	0.00%	0.00%	791	757	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	754	774
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	756	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	755	761
	Bina	0.00%	100.00%	0.00%	0.00%	785	766	775
	Champa	0.00%	100.00%	0.00%	0.00%	794	780	787
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	770	777
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	773	771	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	763	777
	Indore	0.00%	100.00%	0.00%	0.00%	791	754	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	775	783
	Koradi	0.00%	100.00%	0.00%	0.00%	778	757	767
	Pune	0.00%	99.72%	0.00%	0.00%	800	747	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	786	774	780
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	782	769	778
	Sasan	0.00%	100.00%	0.00%	0.00%	770	762	765
	Satna	0.00%	100.00%	0.00%	0.00%	781	766	772
	Seoni	0.00%	100.00%	0.00%	0.00%	789	762	774
	Sipat	0.00%	100.00%	0.00%	0.00%	763	754	759
	Sholapur	0.00%	99.17%	0.83%	0.83%	808	763	782
Tamnar PS	0.00%	100.00%	0.00%	0.00%	786	776	781	
Tirora	0.00%	100.00%	0.00%	0.00%	770	754	762	
Vadodara	0.00%	96.39%	3.61%	3.61%	802	765	787	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	770	765	768	
Wardha	0.00%	100.00%	0.00%	0.00%	794	767	780	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	762	778
	Raichur	0.00%	98.26%	1.74%	1.74%	800	766	783
	Kurnool	0.00%	80.42%	19.58%	19.58%	808	770	789
	Thiruvalam	0.00%	72.64%	27.36%	27.36%	807	775	790
ER	Angul	0.00%	100.00%	0.00%	0.00%	783	768	774
	Gaya	0.00%	100.00%	0.00%	0.00%	789	754	771
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	777	784
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	772	777
Sasaram	0.00%	100.00%	0.00%	0.00%	776	751	765	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	404
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403
	Misa (400 kV)	0.00%	94.72%	5.28%	5.28%	425	403	411
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409

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