

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

**Date of Reporting: 5-Jan-17  
System Reliability Indices Report for: 4-Jan-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	27	6.75	28.13
2	ER-NR	0	0.00	0.00
3	Import of NR	5	1.25	5.21
4	NEW-SR	3	0.75	3.13
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 04-Jan-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%	787	750	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	751	758
	Ballia	0.00%	100.00%	0.00%	0.00%	789	752	770
	Bhiwani	0.00%	90.21%	9.79%	9.79%	807	764	785
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	778	742	761
	Jhatikara	0.00%	92.78%	7.22%	7.22%	807	759	782
	Lucknow	0.00%	99.03%	0.97%	0.97%	802	760	778
	Meerut	0.00%	96.18%	2.36%	2.36%	807	763	783
	Moga	0.00%	100.00%	0.00%	0.00%	792	761	780
Phagi	0.00%	100.00%	0.00%	0.00%	794	753	774	
Unnao	0.00%	100.00%	0.00%	0.00%	773	732	748	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	756	774
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	750	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	748	771
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	754	764
	Bina	0.00%	100.00%	0.00%	0.00%	791	759	777
	Champa	0.00%	97.15%	0.69%	0.69%	802	782	792
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	772	783
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	755	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	792	757	776
	Indore	0.00%	100.00%	0.00%	0.00%	788	748	773
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	768	785
	Koradi	0.00%	100.00%	0.00%	0.00%	783	752	768
	Pune	0.00%	100.00%	0.00%	0.00%	799	746	771
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	798	778	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	787	777	783
	Sasan	0.00%	100.00%	0.00%	0.00%	773	754	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	754	772
	Seoni	0.00%	100.00%	0.00%	0.00%	785	756	773
	Sipat	0.00%	100.00%	0.00%	0.00%	770	753	762
	Sholapur	0.00%	96.88%	3.13%	3.13%	806	758	783
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	778	787	
Tirora	0.00%	100.00%	0.00%	0.00%	774	753	764	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	754	779	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	774	760	769	
Wardha	0.00%	100.00%	0.00%	0.00%	798	762	780	
SR	Nellore PS	0.00%	99.44%	0.56%	0.56%	802	773	786
	Raichur	0.00%	100.00%	0.00%	0.00%	797	762	782
	Kurnool	0.56%	98.61%	0.84%	1.39%	804	714	786
	Thiruvalam	0.00%	69.44%	30.56%	30.56%	810	783	795
ER	Angul	0.00%	95.76%	4.24%	4.24%	801	786	793
	Gaya	0.00%	100.00%	0.00%	0.00%	788	754	770
	Jharsuguda	0.00%	81.25%	18.75%	18.75%	805	784	795
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	771	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	755	767
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	405	410
	Balipara (400 kV)	0.00%	98.96%	1.04%	1.04%	423	396	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	Misa (400 kV)	0.00%	68.26%	31.74%	31.74%	427	403	415
	Silchar (400 kV)	0.00%	66.37%	33.63%	33.63%	427	403	415

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