

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

Date of Reporting: **2-Dec-16**  
System Reliability Indices Report for: **1-Dec-16**

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	56	14.00	58.33
2	ER-NR	0	0.00	0.00
3	Import of NR	67	16.75	69.79
4	NEW-SR	6	1.50	6.25
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	29	7.25	30.21
2	ER-NR	0	0.00	0.00
3	Import of NR	46	11.50	47.92
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 01-Dec-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%	793	748	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	757	768
	Ballia	0.00%	100.00%	0.00%	0.00%	767	767	767
	Bhiwani	0.00%	85.90%	14.10%	14.10%	807	754	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	752	756
	Fatehpur	0.00%	100.00%	0.00%	0.00%	774	738	756
	Jhatikara	0.00%	87.08%	12.92%	12.92%	807	756	783
	Lucknow	0.00%	100.00%	0.00%	0.00%	794	752	775
	Meerut	0.00%	94.03%	4.93%	4.93%	809	753	780
	Moga	0.00%	99.79%	0.21%	0.21%	801	734	772
Phagi	0.00%	100.00%	0.00%	0.00%	796	751	776	
Unnao	0.00%	100.00%	0.00%	0.00%	774	736	761	
WR	Akola	0.00%	100.00%	0.00%	0.00%	782	741	765
	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	744	773
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	741	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	751	761
	Bina	0.00%	100.00%	0.00%	0.00%	790	751	769
	Champa	0.00%	100.00%	0.00%	0.00%	798	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	757	767
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	773
	Gwalior	0.00%	100.00%	0.00%	0.00%	796	755	773
	Indore	0.00%	100.00%	0.00%	0.00%	785	745	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	754	770
	Koradi	0.00%	100.00%	0.00%	0.00%	767	738	756
	Pune	0.00%	100.00%	0.00%	0.00%	792	731	768
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	777	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	767	776
	Sasan	0.00%	100.00%	0.00%	0.00%	774	754	763
	Satna	0.00%	100.00%	0.00%	0.00%	788	755	768
	Seoni	0.00%	100.00%	0.00%	0.00%	787	752	770
	Sipat	0.00%	100.00%	0.00%	0.00%	770	753	761
	Sholapur	0.00%	99.58%	0.42%	0.42%	802	750	780
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	777	785	
Tirora	0.00%	100.00%	0.00%	0.00%	763	743	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	757	778	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	778	757	766	
Wardha	0.00%	100.00%	0.00%	0.00%	795	756	777	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	767	781
	Raichur	0.00%	100.00%	0.00%	0.00%	799	760	781
	Kurnool	0.00%	98.06%	1.94%	1.94%	802	769	786
	Thiruvalam	0.00%	80.21%	19.79%	19.79%	809	775	793
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	763	770
	Gaya	0.00%	100.00%	0.00%	0.00%	786	753	769
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	788	770	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	773
Sasaram	0.00%	100.00%	0.00%	0.00%	768	734	750	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	95.00%	5.00%	5.00%	421	387	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	390	406
	Misa (400 kV)	0.00%	63.06%	36.94%	36.94%	426	395	415
	Silchar (400 kV)	0.00%	80.63%	19.38%	19.38%	424	399	414

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