

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

**Date of Reporting: 3-Dec-16  
System Reliability Indices Report for: 2-Dec-16**

**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	65	16.25	67.71
2	ER-NR	0	0.00	0.00
3	Import of NR	76	19.00	79.17
4	NEW-SR	28	7.00	29.17
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	24	6.00	25.00
2	ER-NR	0	0.00	0.00
3	Import of NR	32	8.00	33.33
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 02-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%	792	749	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	765	769
	Ballia	0.00%	100.00%	0.00%	0.00%	767	767	767
	Bhiwani	0.00%	82.64%	17.36%	17.36%	808	757	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	751	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	739	759
	Jhatikara	0.00%	86.32%	13.68%	13.68%	810	756	783
	Lucknow	0.00%	85.42%	14.58%	14.58%	807	754	780
	Meerut	0.00%	96.32%	2.92%	2.92%	806	756	782
	Moga	0.00%	100.00%	0.00%	0.00%	795	749	778
Phagi	0.00%	99.58%	0.42%	0.42%	801	754	777	
Unnao	0.00%	99.24%	0.76%	0.76%	801	739	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	786	752	770
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	753	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	782	752	768
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	786	756	772
	Champa	0.00%	93.19%	3.33%	3.33%	801	784	793
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	760	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	762	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	757	775
	Indore	0.00%	100.00%	0.00%	0.00%	787	755	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	786	757	773
	Koradi	0.00%	100.00%	0.00%	0.00%	770	745	759
	Pune	0.00%	100.00%	0.00%	0.00%	793	746	768
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	779	788
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	777	781
	Sasan	0.00%	100.00%	0.00%	0.00%	774	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	767	776
	Seoni	0.00%	100.00%	0.00%	0.00%	788	758	773
	Sipat	0.00%	100.00%	0.00%	0.00%	772	756	763
	Sholapur	0.00%	99.10%	0.90%	0.90%	801	758	782
Tamnara PS	0.00%	100.00%	0.00%	0.00%	796	779	788	
Tirora	0.00%	100.00%	0.00%	0.00%	765	747	758	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	764	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	762	768	
Wardha	0.00%	100.00%	0.00%	0.00%	798	765	782	
SR	Nellore PS	0.00%	99.31%	0.69%	0.69%	802	773	785
	Raichur	0.00%	99.38%	0.63%	0.63%	801	763	782
	Kurnool	0.00%	79.17%	20.83%	20.83%	807	772	789
	Thiruvalam	0.00%	57.57%	42.43%	42.43%	816	783	798
ER	Angul	0.00%	100.00%	0.00%	0.00%	788	765	775
	Gaya	0.00%	100.00%	0.00%	0.00%	790	759	773
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	782
	Ranchi	0.00%	100.00%	0.00%	0.00%	787	766	776
	Sasaram	0.00%	100.00%	0.00%	0.00%	774	728	754
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	Balipara (400 kV)	0.00%	99.10%	0.90%	0.90%	422	390	407
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	405
	Misa (400 kV)	0.00%	79.93%	20.07%	20.07%	428	396	414
	Silchar (400 kV)	0.00%	97.85%	2.15%	2.15%	422	404	413

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