

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

**Date of Reporting: 1-Dec-16  
System Reliability Indices Report for: 30-Nov-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	39	9.75	40.63
2	ER-NR	0	0.00	0.00
3	Import of NR	76	19.00	79.17
4	NEW-SR	7	1.75	7.29
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	12	3.00	12.50
2	ER-NR	0	0.00	0.00
3	Import of NR	39	9.75	40.63
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 29-Nov-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%	789	754	772
	Anpara-C	21.94%	78.06%	0.00%	21.94%	784	712	754
	Ballia	0.00%	100.00%	0.00%	0.00%	767	767	767
	Bhiwani	0.00%	85.56%	14.44%	14.44%	807	744	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	752	752	752
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	745	760
	Jhatikara	0.00%	84.86%	15.14%	15.14%	806	762	785
	Lucknow	0.00%	90.76%	9.24%	9.24%	808	760	785
	Meerut	0.00%	75.21%	20.76%	20.76%	811	763	788
	Moga	0.00%	95.07%	4.93%	4.93%	806	742	777
Phagi	0.00%	100.00%	0.00%	0.00%	795	739	776	
Unnao	0.00%	99.58%	0.42%	0.42%	801	744	765	
WR	Akola	0.00%	100.00%	0.00%	0.00%	785	741	764
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	738	771
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	742	766
	Bilaspur	0.00%	100.00%	0.00%	0.00%	770	748	760
	Bina	0.00%	100.00%	0.00%	0.00%	786	754	772
	Champa	0.00%	100.00%	0.00%	0.00%	797	780	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	761	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	744	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	791	758	775
	Indore	0.00%	100.00%	0.00%	0.00%	791	744	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	784	754	771
	Koradi	0.00%	100.00%	0.00%	0.00%	769	739	755
	Pune	0.00%	100.00%	0.00%	0.00%	790	736	766
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	793	775	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	768	776
	Sasan	0.00%	100.00%	0.00%	0.00%	774	758	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	760	772
	Seoni	0.00%	100.00%	0.00%	0.00%	785	748	769
	Sipat	0.00%	100.00%	0.00%	0.00%	770	751	760
	Sholapur	0.00%	99.93%	0.07%	0.07%	800	747	776
Tamnara PS	0.00%	100.00%	0.00%	0.00%	793	775	786	
Tirora	0.00%	100.00%	0.00%	0.00%	764	743	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	792	751	776	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	761	768	
Wardha	0.00%	100.00%	0.00%	0.00%	794	749	776	
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	762	776
	Raichur	0.00%	100.00%	0.00%	0.00%	795	752	776
	Kurnool	0.00%	100.00%	0.00%	0.00%	798	758	780
	Thiruvalam	0.00%	99.65%	0.35%	0.35%	802	772	786
ER	Angul	0.00%	100.00%	0.00%	0.00%	779	763	770
	Gaya	0.00%	100.00%	0.00%	0.00%	787	762	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	767	778
	Ranchi	0.00%	100.00%	0.00%	0.00%	786	764	774
Sasaram	0.00%	100.00%	0.00%	0.00%	766	741	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	409
	Balipara (400 kV)	0.00%	98.19%	1.81%	1.81%	423	385	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	388	406
	Misa (400 kV)	0.00%	60.56%	39.44%	39.44%	426	393	416
	Silchar (400 kV)	0.00%	99.31%	0.69%	0.69%	421	398	413

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