

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

**Date of Reporting: 7-Dec-16
System Reliability Indices Report for: 6-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	5	1.25	5.21
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	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 06-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%	794	747	769
	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	755	763
	Ballia	0.00%	100.00%	0.00%	0.00%	767	767	767
	Bhiwani	0.00%	79.24%	20.76%	20.76%	808	760	783
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	737	757
	Jhatikara	0.00%	79.93%	20.07%	20.07%	808	759	783
	Lucknow	0.00%	89.44%	10.56%	10.56%	808	766	785
	Meerut	0.00%	91.25%	6.88%	6.88%	810	761	780
	Moga	0.00%	98.47%	1.53%	1.53%	801	747	776
Phagi	0.00%	100.00%	0.00%	0.00%	798	757	777	
Unnao	0.00%	100.00%	0.00%	0.00%	774	736	753	
WR	Akola	0.00%	100.00%	0.00%	0.00%	783	747	768
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	751	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	747	767
	Bilaspur	0.00%	100.00%	0.00%	0.00%	772	753	761
	Bina	0.00%	100.00%	0.00%	0.00%	788	757	772
	Champa	0.00%	94.44%	0.69%	0.69%	801	783	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	761	770
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	754	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	757	776
	Indore	0.00%	100.00%	0.00%	0.00%	789	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	787	759	772
	Koradi	0.00%	100.00%	0.00%	0.00%	767	742	758
	Pune	0.00%	100.00%	0.00%	0.00%	797	737	769
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	778	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	789	771	777
	Sasan	0.00%	100.00%	0.00%	0.00%	775	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	784	758	771
	Seoni	0.00%	100.00%	0.00%	0.00%	786	754	770
	Sipat	0.00%	100.00%	0.00%	0.00%	771	755	761
	Sholapur	0.00%	97.64%	2.36%	2.36%	805	757	785
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	779	785	
Tirora	0.00%	100.00%	0.00%	0.00%	764	745	757	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	777	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	777	758	768	
Wardha	0.00%	100.00%	0.00%	0.00%	800	759	780	
SR	Neelore PS	0.00%	99.10%	0.90%	0.90%	803	780	790
	Raichur	0.00%	98.13%	1.88%	1.88%	801	767	787
	Kurnool	0.00%	82.85%	17.15%	17.15%	807	778	794
	Thiruvalam	0.00%	13.61%	86.39%	86.39%	817	794	806
ER	Angul	0.00%	100.00%	0.00%	0.00%	787	769	777
	Gaya	0.00%	100.00%	0.00%	0.00%	792	760	774
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	774	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	766	776
	Sasaram	4.44%	95.56%	0.00%	4.44%	787	722	748
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	410
	Balipara (400 kV)	0.00%	98.75%	1.25%	1.25%	421	396	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	408
	Misa (400 kV)	0.00%	64.79%	35.21%	35.21%	428	405	417
	Silchar (400 kV)	0.00%	94.03%	5.97%	5.97%	422	403	414

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