

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

**System Reliability Indices Report for the week from
12-Dec-2016 to 18-Dec-2016**

Date: 21-Dec-2016

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	32	8.00	4.76
2	ER-NR	0	0.00	0.00
3	Import of NR	98	24.50	14.58
4	NEW-SR	57	14.25	8.48
5	ER-NER	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	2	0.50	0.30
4	NEW-SR	8	2.00	1.19
4	ER-NER	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 week from 12-Dec-2016 to 18-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%	795	747	771
	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	747	759
	Ballia	0.00%	100.00%	0.00%	0.00%	794	749	768
	Bhiwani	0.00%	77.40%	22.60%	22.60%	811	757	786
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	750	759
	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	736	756
	Jhatikara	0.00%	81.57%	18.43%	18.43%	810	755	784
	Lucknow	0.00%	96.27%	3.73%	3.73%	805	751	777
	Meerut	0.00%	89.71%	8.09%	8.09%	816	758	784
	Moga	0.00%	98.17%	1.83%	1.83%	806	751	780
Phagi	0.00%	99.72%	0.28%	0.28%	801	747	780	
Unnao	0.07%	99.93%	0.00%	0.07%	783	727	752	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	744	767
	Aurangabad	0.00%	99.64%	0.36%	0.36%	802	750	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	745	770
	Bilaspur	0.00%	100.00%	0.00%	0.00%	777	754	763
	Bina	0.00%	100.00%	0.00%	0.00%	795	755	776
	Champa	0.00%	87.02%	11.57%	11.57%	808	776	791
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	763	774
	Dhule (BDTCL)	0.00%	99.95%	0.05%	0.05%	801	752	778
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	752	777
	Indore	0.00%	100.00%	0.00%	0.00%	798	748	772
	Jabalpur	0.00%	99.04%	0.96%	0.96%	802	763	781
	Koradi	0.00%	100.00%	0.00%	0.00%	773	736	757
	Pune	0.00%	99.99%	0.00%	0.00%	800	738	770
	Raigarh PS (Kotra)	0.00%	88.89%	11.11%	11.11%	807	777	792
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	798	769	784
	Sasan	0.00%	100.00%	0.00%	0.00%	777	754	766
	Satna	0.00%	100.00%	0.00%	0.00%	789	754	772
	Seoni	0.00%	100.00%	0.00%	0.00%	796	757	775
	Sipat	0.00%	100.00%	0.00%	0.00%	774	754	762
	Sholapur	0.00%	96.45%	3.55%	3.55%	811	748	787
Tamnar PS	0.00%	89.10%	10.90%	10.90%	806	778	792	
Tirora	0.00%	100.00%	0.00%	0.00%	767	742	756	
Vadodara	0.00%	100.00%	0.00%	0.00%	799	759	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	781	758	769	
Wardha	0.00%	99.19%	0.81%	0.81%	803	758	784	
SR	Nellore PS	0.00%	98.39%	1.61%	1.61%	806	771	787
	Raichur	0.00%	98.23%	1.77%	1.77%	806	761	787
	Kurnool	0.00%	85.47%	14.53%	14.53%	812	768	792
	Thiruvalam	0.00%	44.37%	55.63%	55.63%	822	785	802
ER	Angul	0.00%	100.00%	0.00%	0.00%	795	765	783
	Gaya	0.00%	100.00%	0.00%	0.00%	792	749	770
	Jharsuguda	0.00%	97.51%	2.49%	2.49%	802	775	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	795	766	779
Sasaram	0.40%	99.60%	0.00%	0.40%	782	725	752	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	409
	Balipara (400 kV)	0.00%	99.00%	1.00%	1.00%	425	386	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	384	405
	Misa (400 kV)	0.00%	65.68%	34.32%	34.32%	432	394	416
	Silchar (400 kV)	0.00%	97.28%	2.72%	2.72%	422	391	413

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