

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

**Date of Reporting: 4-Dec-16
System Reliability Indices Report for: 3-Dec-16**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	49	12.25	51.04
2	ER-NR	0	0.00	0.00
3	Import of NR	59	14.75	61.46
4	NEW-SR	29	7.25	30.21
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	4	1.00	4.17
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 03-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%	790	746	770
	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	765	772
	Ballia	0.00%	100.00%	0.00%	0.00%	767	767	767
	Bhiwani	0.00%	96.67%	3.33%	3.33%	807	761	784
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	753	758
	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	735	756
	Jhatikara	0.00%	92.92%	7.08%	7.08%	804	760	784
	Lucknow	0.00%	95.42%	4.58%	4.58%	806	754	770
	Meerut	0.00%	82.01%	14.79%	14.79%	811	762	786
	Moga	0.00%	100.00%	0.00%	0.00%	800	758	777
Phagi	0.00%	100.00%	0.00%	0.00%	799	759	777	
Unnao	0.00%	100.00%	0.00%	0.00%	777	740	755	
WR	Akola	0.00%	100.00%	0.00%	0.00%	787	746	767
	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	759	778
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	752	769
	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	750	762
	Bina	0.00%	100.00%	0.00%	0.00%	788	754	772
	Champa	0.00%	99.79%	0.21%	0.21%	801	777	790
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	756	768
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	761	777
	Gwalior	0.00%	100.00%	0.00%	0.00%	795	756	776
	Indore	0.00%	100.00%	0.00%	0.00%	786	756	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	788	756	772
	Koradi	0.00%	100.00%	0.00%	0.00%	771	736	755
	Pune	0.00%	100.00%	0.00%	0.00%	796	754	772
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	795	774	785
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	786	763	779
	Sasan	0.00%	100.00%	0.00%	0.00%	776	755	765
	Satna	0.00%	100.00%	0.00%	0.00%	783	754	771
	Seoni	0.00%	100.00%	0.00%	0.00%	789	751	771
	Sipat	0.00%	100.00%	0.00%	0.00%	773	751	762
	Sholapur	0.00%	98.06%	1.94%	1.94%	804	763	784
Tamnara PS	0.00%	100.00%	0.00%	0.00%	794	775	785	
Tirora	0.00%	100.00%	0.00%	0.00%	766	742	755	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	764	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	776	757	768	
Wardha	0.00%	100.00%	0.00%	0.00%	796	764	779	
SR	Nellore PS	0.00%	89.86%	10.14%	10.14%	805	776	788
	Raichur	0.00%	93.47%	6.53%	6.53%	805	767	785
	Kurnool	0.00%	81.53%	18.47%	18.47%	810	774	791
	Thiruvalam	0.00%	54.38%	45.63%	45.63%	821	787	800
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	770	779
	Gaya	0.00%	100.00%	0.00%	0.00%	789	752	766
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	772	783
	Ranchi	0.00%	100.00%	0.00%	0.00%	789	754	771
Sasaram	0.00%	100.00%	0.00%	0.00%	773	736	755	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	409
	Balipara (400 kV)	0.00%	98.61%	1.39%	1.39%	422	397	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	Misa (400 kV)	0.00%	90.14%	9.86%	9.86%	429	404	415
	Silchar (400 kV)	0.00%	95.76%	4.24%	4.24%	422	403	414

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