

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: **31-Dec-17**
System Reliability Indices Report for: **30-Dec-17**

Percentage (%) of times ATC 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	8	2.00	8.33
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 30-Dec-2017

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	743	782	
	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	769	775	
	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	766	774	
	Anta	0.00%	100.00%	0.00%	0.00%	785	761	775	
	Ballia	0.00%	100.00%	0.00%	0.00%	797	762	776	
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	772	788	
	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	754	771	
	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	778	791	
	Jhatikara	0.00%	91.67%	8.33%	8.33%	804	766	787	
	Kanpur GIS	73.26%	26.74%	0.00%	73.26%	731	754	758	
	Lucknow	0.00%	99.51%	0.49%	0.49%	800	766	781	
	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	766	775	
	Meerut	0.00%	93.06%	5.07%	5.07%	804	772	790	
	Moga	0.00%	100.00%	0.00%	0.00%	795	760	779	
	Phagi	0.00%	100.00%	0.00%	0.00%	792	759	778	
	Varanasi	0.00%	98.13%	1.88%	1.88%	802	770	783	
Unnao	0.00%	100.00%	0.00%	0.00%	785	752	755		
WR	Akola	0.00%	100.00%	0.00%	0.00%	788	759	774	
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	765	780	
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	747	771	
	Bilaspur	0.00%	100.00%	0.00%	0.00%	769	754	762	
	Bina	0.00%	100.00%	0.00%	0.00%	789	756	774	
	Champa	0.00%	98.06%	0.14%	0.14%	801	784	791	
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	764	771	
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	760	775	
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	760	779	
	Indore	0.00%	100.00%	0.00%	0.00%	786	757	773	
	Jabalpur	0.00%	100.00%	0.00%	0.00%	791	761	777	
	Koradi	0.00%	100.00%	0.00%	0.00%	778	759	768	
	Pune	0.00%	100.00%	0.00%	0.00%	794	756	773	
	Raigarh Pooling	0.00%	95.56%	4.44%	4.44%	802	786	792	
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	785	
	Sasan	0.00%	100.00%	0.00%	0.00%	772	756	763	
	Seoni	0.00%	100.00%	0.00%	0.00%	786	761	774	
	Sipat	0.00%	100.00%	0.00%	0.00%	767	754	760	
	Solapur	0.00%	99.38%	0.63%	0.63%	801	769	786	
	Tamnar	0.00%	97.71%	2.29%	2.29%	801	786	793	
	Tirora	0.00%	100.00%	0.00%	0.00%	773	758	766	
	Vadodara	0.00%	100.00%	0.00%	0.00%	795	767	783	
	Kurnool	0.00%	98.47%	1.53%	1.53%	803	761	783	
	Nellore PS	0.00%	98.75%	1.25%	1.25%	802	766	784	
Raichur	0.00%	99.65%	0.35%	0.35%	801	764	783		
SR	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	774	788	
	Thiruvalam	0.00%	58.13%	41.88%	41.88%	814	776	796	
	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	773	788	
	ER	Angul	0.00%	100.00%	0.00%	0.00%	793	773	783
		Gaya	0.00%	100.00%	0.00%	0.00%	799	762	775
		Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	775	784
		Ranchi	0.00%	100.00%	0.00%	0.00%	789	770	779
	Sasaram	0.00%	100.00%	0.00%	0.00%	738	738	738	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407	
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	407	
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	411	
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407	
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	411	405	
	Misa (400 kV)	0.00%	98.82%	1.18%	1.18%	423	397	410	
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	404	
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409		

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