

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

**System Reliability Indices Report for the week from  
16-Dec-2019 to 22-Dec-2019**

Date: 27-Dec-2019

**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	14	3.50	2.08
3	Import of NR	0	0.00	0.00
4	NEW-SR	23	5.75	3.42
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	3	0.75	0.45
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	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 16-Dec-2019 to 22-Dec-2019

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%	99.97%	0.03%	0.03%	801	749	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	755	768
	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	747	760
	Anta	0.00%	100.00%	0.00%	0.00%	796	758	783
	Ballia	0.00%	100.00%	0.00%	0.00%	793	750	778
	Bhiwani	0.00%	98.99%	1.01%	1.01%	804	752	785
	Bareilly	0.00%	75.16%	24.84%	24.84%	810	750	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	736	768
	Greater Noida	0.00%	80.00%	20.00%	20.00%	809	751	791
	Jhatikara	0.00%	99.47%	0.53%	0.53%	804	752	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	750	781
	Lucknow	0.00%	85.65%	14.35%	14.35%	806	753	789
	Lalitpur	0.00%	100.00%	0.00%	0.00%	791	746	779
	Meerut	0.00%	99.76%	0.24%	0.24%	803	739	782
	Moga	0.00%	100.00%	0.00%	0.00%	780	774	775
	Phagi	0.00%	97.63%	2.37%	2.37%	804	751	783
Varanasi	0.00%	100.00%	0.00%	0.00%	798	755	783	
Unnao	0.00%	100.00%	0.00%	0.00%	787	739	770	
WR	Akola	0.00%	100.00%	0.00%	0.00%	796	747	773
	Aurangabad	0.00%	99.98%	0.02%	0.02%	801	755	779
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	788	761	774
	Bina	0.00%	100.00%	0.00%	0.00%	800	753	781
	Champa	0.00%	100.00%	0.00%	0.00%	799	771	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	751	772
	Gwalior	0.00%	99.54%	0.46%	0.46%	801	749	784
	Indore	0.00%	100.00%	0.00%	0.00%	790	747	769
	Jabalpur	0.00%	98.47%	1.53%	1.53%	805	758	783
	Koradi	0.00%	100.00%	0.00%	0.00%	781	745	763
	Pune	0.00%	100.00%	0.00%	0.00%	800	744	773
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	770	783
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	768	775
	Sasan	0.00%	100.00%	0.00%	0.00%	781	755	769
	Satna	0.00%	100.00%	0.00%	0.00%	793	750	777
	Seoni	0.00%	100.00%	0.00%	0.00%	800	761	781
	Sipat	0.00%	100.00%	0.00%	0.00%	787	763	775
	Solapur	0.00%	96.88%	3.12%	3.12%	807	758	785
	Tamnar	0.00%	100.00%	0.00%	0.00%	798	773	785
Tirora	0.00%	100.00%	0.00%	0.00%	776	748	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	798	763	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	763	771	
Wardha	0.00%	100.00%	0.00%	0.00%	798	763	781	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	796	743	774
	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	744	770
	Raichur	0.00%	100.00%	0.00%	0.00%	795	748	777
	Nizamabad	0.00%	97.10%	2.90%	2.90%	805	758	787
	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	759	778
	Thiruvallam	0.05%	100.00%	0.00%	0.05%	794	759	778
	Vemagiri	0.00%	100.00%	0.00%	0.00%	779	738	762
ER	Angul	0.00%	100.00%	0.00%	0.00%	798	764	780
	Gaya	0.00%	100.00%	0.00%	0.00%	790	753	776
	Jharsuguda	0.00%	96.84%	3.16%	3.16%	805	775	790
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	762	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	778	739	762
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	419	408	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	409
	Ranganadi (400 kV)	0.00%	67.44%	32.56%	32.56%	428	404	417
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	394	407
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	410

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