

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

**System Reliability Indices Report for the week from
23-Dec-2019 to 29-Dec-2019**

Date: 3-Jan-2020

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	18	4.50	2.68
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	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 23-Dec-2019 to 29-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%	100.00%	0.00%	0.00%	800	748	781
	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	758	769
	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	743	759
	Anta	0.00%	99.99%	0.01%	0.01%	802	742	782
	Ballia	0.00%	100.00%	0.00%	0.00%	799	757	777
	Bhiwani	0.00%	98.77%	1.23%	1.23%	803	748	783
	Bareilly	0.00%	76.19%	23.81%	23.81%	810	759	791
	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	746	770
	Greater Noida	0.00%	86.06%	13.94%	13.94%	807	753	789
	Jhatikara	0.00%	99.35%	0.65%	0.65%	802	743	782
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	799	756	780
	Lucknow	0.00%	86.19%	13.81%	13.81%	806	761	787
	Lalitpur	0.00%	98.76%	1.24%	1.24%	815	729	758
	Meerut	0.00%	97.59%	2.41%	2.41%	809	744	782
	Moga	0.00%	100.00%	0.00%	0.00%	774	774	774
	Phagi	0.00%	100.00%	0.00%	0.00%	797	738	782
	Varanasi	0.00%	99.18%	0.82%	0.82%	802	762	782
Unnao	0.00%	100.00%	0.00%	0.00%	787	744	768	
WR	Akola	0.00%	100.00%	0.00%	0.00%	790	753	773
	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	759	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	753	773
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	764	775
	Bina	0.00%	100.00%	0.00%	0.00%	796	758	781
	Champa	0.00%	100.00%	0.00%	0.00%	796	773	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	753	771
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	782
	Indore	0.00%	100.00%	0.00%	0.00%	792	753	771
	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	762	783
	Koradi	0.00%	100.00%	0.00%	0.00%	776	749	763
	Pune	0.00%	100.00%	0.00%	0.00%	800	753	781
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	774	783
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	768	778
	Sasan	0.00%	100.00%	0.00%	0.00%	780	759	770
	Satna	0.00%	100.00%	0.00%	0.00%	792	758	777
	Seoni	0.00%	100.00%	0.00%	0.00%	798	763	781
	Sipat	0.00%	100.00%	0.00%	0.00%	786	765	775
	Solapur	0.00%	95.98%	4.02%	4.02%	807	765	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	796	776	785
Tirora	0.00%	100.00%	0.00%	0.00%	771	748	760	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	767	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	767	771	
Wardha	0.00%	99.58%	0.42%	0.42%	797	767	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	798	752	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	750	772
	Raichur	0.00%	100.00%	0.00%	0.00%	797	754	779
	Nizamabad	0.00%	93.31%	6.69%	6.69%	808	757	786
	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	764	779
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	797	764	779
	Vemagiri	0.00%	100.00%	0.00%	0.00%	778	747	765
ER	Angul	0.00%	100.00%	0.00%	0.00%	799	768	780
	Gaya	0.01%	99.99%	0.00%	0.01%	800	725	776
	Jharsuguda	0.00%	98.31%	1.69%	1.69%	805	776	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	766	780
	Sasaram	0.00%	100.00%	0.00%	0.00%	780	746	768
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	409
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Palatana (400 kV)	0.00%	99.19%	0.81%	0.81%	421	399	413
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	411
	Ranganadi (400 kV)	0.00%	60.63%	39.37%	39.37%	426	405	418
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	380	408
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	409

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