

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

**System Reliability Indices Report for the week from
06-Jan-2020 to 12-Jan-2020**

Date: 17-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	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	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	2	0.50	0.30
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 06-Jan-2020 to 12-Jan-2020

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%	99.98%	0.02%	0.02%	801	749	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	762	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	762	770
	Anta	0.00%	100.00%	0.00%	0.00%	795	757	782
	Ballia	0.00%	100.00%	0.00%	0.00%	795	759	777
	Bhiwani	0.00%	96.89%	3.11%	3.11%	805	750	786
	Bareilly	0.00%	83.82%	16.18%	16.18%	809	759	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	740	769
	Greater Noida	0.00%	80.09%	19.91%	19.91%	807	756	792
	Jhatikara	0.00%	98.26%	1.74%	1.74%	807	743	784
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	756	781
	Lucknow	0.00%	97.89%	2.11%	2.11%	800	764	787
	Lalitpur	0.00%	100.00%	0.00%	0.00%	790	764	779
	Meerut	0.00%	96.21%	3.79%	3.79%	807	751	785
	Moga	0.00%	99.94%	0.06%	0.06%	802	742	776
	Phagi	0.00%	99.79%	0.21%	0.21%	801	751	784
Varanasi	0.00%	100.00%	0.00%	0.00%	798	765	782	
Unnao	0.00%	100.00%	0.00%	0.00%	787	745	769	
WR	Akola	0.00%	100.00%	0.00%	0.00%	789	750	773
	Aurangabad	0.00%	99.91%	0.09%	0.09%	801	758	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	776
	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	761	778
	Bina	0.00%	100.00%	0.00%	0.00%	798	758	783
	Champa	0.00%	92.70%	7.30%	7.30%	801	769	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	743	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	753	784
	Indore	0.00%	100.00%	0.00%	0.00%	793	747	771
	Jabalpur	0.00%	99.96%	0.04%	0.04%	800	762	786
	Koradi	0.00%	100.00%	0.00%	0.00%	777	749	765
	Pune	0.00%	100.00%	0.00%	0.00%	798	750	776
	Raigarh Pooling	0.00%	99.95%	0.05%	0.05%	800	769	786
	Raipur Pooling	0.01%	99.99%	0.00%	0.01%	795	708	780
	Sasan	0.00%	100.00%	0.00%	0.00%	783	759	773
	Satna	0.00%	100.00%	0.00%	0.00%	794	759	780
	Seoni	0.00%	100.00%	0.00%	0.00%	800	763	784
	Sipat	0.00%	100.00%	0.00%	0.00%	789	763	778
	Solapur	0.00%	96.52%	3.48%	3.48%	805	763	786
	Tamnar	0.00%	99.96%	0.04%	0.04%	800	773	788
Tirora	0.00%	100.00%	0.00%	0.00%	771	749	761	
Vadodara	0.00%	100.00%	0.00%	0.00%	796	763	782	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	763	774	
Wardha	0.00%	99.92%	0.08%	0.08%	796	763	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	797	749	775
	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	749	770
	Raichur	0.00%	100.00%	0.00%	0.00%	797	754	778
	Nizamabad	0.00%	97.05%	2.95%	2.95%	804	758	784
	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	766	782
	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	766	782
	Vemagiri	0.00%	100.00%	0.00%	0.00%	778	750	767
ER	Angul	0.00%	100.00%	0.00%	0.00%	797	767	782
	Gaya	0.00%	100.00%	0.00%	0.00%	792	756	775
	Jharsuguda	0.00%	82.00%	18.00%	18.00%	809	774	794
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	782
	Sasaram	0.00%	100.00%	0.00%	0.00%	782	749	766
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%	419	398	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	400	407
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	409
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	410
	Palatana (400 kV)	0.00%	99.97%	0.03%	0.03%	420	408	414
	Misa (400 kV)	0.00%	99.80%	0.20%	0.20%	422	400	410
	Ranganadi (400 kV)	0.00%	77.08%	22.92%	22.92%	431	404	416
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	406
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	410

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