

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
13-Jan-2020 to 19-Jan-2020

Date: 24-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	6	1.50	0.89
3	Import of NR	0	0.00	0.00
4	NEW-SR	2	0.50	0.30
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	1	0.25	0.15
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 13-Jan-2020 to 19-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%	100.00%	0.00%	0.00%	800	756	783
	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	760	770
	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	760	770
	Anta	0.00%	100.00%	0.00%	0.00%	794	742	782
	Ballia	0.00%	100.00%	0.00%	0.00%	793	754	777
	Bhiwani	0.00%	98.95%	1.05%	1.05%	804	761	786
	Bareilly	0.00%	77.40%	22.60%	22.60%	807	768	792
	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	734	768
	Greater Noida	0.00%	80.98%	19.02%	19.02%	807	766	792
	Jhatikara	0.00%	99.93%	0.07%	0.07%	800	757	785
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	797	758	782
	Lucknow	0.00%	97.22%	2.78%	2.78%	804	771	787
	Lalitpur	0.00%	100.00%	0.00%	0.00%	797	728	769
	Meerut	0.00%	99.13%	0.87%	0.87%	810	755	784
	Moga	0.00%	99.98%	0.02%	0.02%	800	748	775
	Phagi	0.00%	99.95%	0.05%	0.05%	799	753	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	797	760	783
Unnao	0.00%	100.00%	0.00%	0.00%	788	747	770	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	753	772
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	756	780
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	754	774
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	764	777
	Bina	0.00%	100.00%	0.00%	0.00%	797	762	783
	Champa	0.00%	100.00%	0.00%	0.00%	798	775	789
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	750	773
	Gwalior	0.00%	99.89%	0.11%	0.11%	799	758	784
	Indore	0.00%	100.00%	0.00%	0.00%	797	753	772
	Jabalpur	0.00%	100.00%	0.00%	0.00%	798	765	784
	Koradi	0.00%	100.00%	0.00%	0.00%	777	749	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	752	784
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	775	788
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	770	782
	Sasan	0.00%	100.00%	0.00%	0.00%	783	763	773
	Satna	0.00%	100.00%	0.00%	0.00%	793	762	780
	Seoni	0.00%	100.00%	0.00%	0.00%	797	761	783
	Sipat	0.00%	100.00%	0.00%	0.00%	785	764	777
	Solapur	0.00%	97.97%	2.03%	2.03%	806	762	786
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	777	790
	Tirora	0.00%	100.00%	0.00%	0.00%	770	748	761
	Vadodara	0.00%	100.00%	0.00%	0.00%	799	767	784
	Vindhyachal PS	0.00%	99.99%	0.01%	0.01%	799	767	775
Wardha	0.00%	99.84%	0.16%	0.16%	799	767	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	800	751	781
	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	749	775
	Raichur	0.00%	100.00%	0.00%	0.00%	798	754	780
	Nizamabad	0.00%	93.36%	6.64%	6.64%	805	750	785
	Srikakulam	0.00%	87.69%	12.31%	12.31%	809	769	791
	Thiruvallam	0.00%	87.69%	12.31%	12.31%	809	769	791
ER	Vemagiri	0.00%	66.63%	33.37%	33.37%	814	753	788
	Angul	0.00%	100.00%	0.00%	0.00%	794	770	785
	Gaya	0.00%	100.00%	0.00%	0.00%	791	757	776
	Jharsuguda	0.00%	76.78%	23.22%	23.22%	805	784	797
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	771	784
NER	Sasaram	0.00%	100.00%	0.00%	0.00%	797	742	764
	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Balipara (400 kV)	0.00%	99.80%	0.20%	0.20%	421	397	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	409
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	410
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	414	405	410
	Palatana (400 kV)	0.00%	98.16%	1.84%	1.84%	420	407	415
	Misa (400 kV)	0.00%	99.76%	0.24%	0.24%	421	398	412
	Ranganadi (400 kV)	0.00%	48.15%	51.85%	51.85%	431	404	419
	Biswanath Chariali (400 kV)	0.00%	99.89%	0.11%	0.11%	421	395	409
	Silchar (400 kV)	0.00%	98.04%	1.96%	1.96%	419	387	411

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