

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
14-Dec-2020 to 20-Dec-2020

Date: 25-Dec-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	28	7.00	4.17
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
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	18	4.50	2.68
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 14-Dec-2020 to 20-Dec-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%	798	750	779
	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	758	772
	Anpara-D	0.00%	100.00%	0.00%	0.00%	787	758	772
	Anta	0.00%	100.00%	0.00%	0.00%	794	739	778
	Ballia	0.00%	100.00%	0.00%	0.00%	793	742	771
	Bara	0.00%	100.00%	0.00%	0.00%	789	763	769
	Bhiwani	0.00%	99.82%	0.18%	0.18%	805	746	780
	Bareilly	0.00%	95.46%	4.54%	4.54%	807	745	784
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	741	765
	Greater Noida	0.00%	94.12%	5.88%	5.88%	806	747	786
	Jhatikara	0.00%	99.83%	0.17%	0.17%	801	744	781
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	745	771
	Lucknow	0.00%	99.31%	0.69%	0.69%	805	744	782
	Meerut	0.00%	99.78%	0.22%	0.22%	803	741	780
	Moga	0.00%	99.96%	0.04%	0.04%	801	736	768
	Phagi	0.00%	100.00%	0.00%	0.00%	796	748	778
	Varanasi	0.00%	100.00%	0.00%	0.00%	793	750	776
Unnao	0.00%	100.00%	0.00%	0.00%	792	732	770	
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	754	777
	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	752	777
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	750	772
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	759	773
	Bina	0.00%	100.00%	0.00%	0.00%	799	756	781
	Champa	0.00%	99.07%	0.93%	0.93%	802	768	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	760	774
	Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	782
	Indore	0.00%	100.00%	0.00%	0.00%	786	746	771
	Jabalpur	0.00%	97.62%	2.38%	2.38%	804	760	784
	Koradi	0.00%	100.00%	0.00%	0.00%	782	748	767
	Pune	0.00%	100.00%	0.00%	0.00%	799	750	777
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	771	784
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	766	778
	Sasan	0.00%	100.00%	0.00%	0.00%	784	760	773
	Satna	0.00%	100.00%	0.00%	0.00%	794	757	779
	Seoni	0.00%	100.00%	0.00%	0.00%	796	754	777
	Sipat	0.00%	100.00%	0.00%	0.00%	786	760	773
	Solapur	0.00%	97.73%	2.27%	2.27%	806	757	783
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	774	785
Tirora	0.00%	100.00%	0.00%	0.00%	777	748	763	
Vadodara	0.00%	100.00%	0.00%	0.00%	795	761	781	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	761	776	
Wardha	0.00%	100.00%	0.00%	0.00%	795	761	782	
SR	Kurnool	0.00%	99.94%	0.06%	0.06%	800	749	778
	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	748	772
	Raichur	0.00%	99.50%	0.50%	0.50%	802	748	779
	Nizamabad	0.00%	96.48%	3.52%	3.52%	810	760	785
	Srikakulam	0.00%	98.57%	1.43%	1.43%	805	755	782
	Thiruvallam	0.00%	98.57%	1.43%	1.43%	805	755	782
	Vemagiri	0.00%	88.42%	11.58%	11.58%	813	758	787
ER	Angul	0.00%	100.00%	0.00%	0.00%	789	753	772
	Gaya	0.00%	100.00%	0.00%	0.00%	788	744	771
	Jharsuguda	0.00%	96.49%	3.51%	3.51%	804	772	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	790	759	777
	Sasaram	0.00%	100.00%	0.00%	0.00%	792	729	760
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	418	387	405
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	410
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	411
	Byrnihat (400 kV)	0.00%	100.00%	0.00%	0.00%	405	405	405
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	414
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	385	403
	Ranganadi (400 kV)	0.00%	99.93%	0.07%	0.07%	427	385	406
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	385	405
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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