

GRID CONTROLLER OF INDIA LIMITED
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
06-Feb-2023 to 12-Feb-2023

Date: 17-Feb-2023

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	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	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 06-Feb-2023 to 12-Feb-2023

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	1 Agra	0.00%	100.00%	0.00%	0.00%	792	740	772
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	740	772
	3 Ajmer	0.00%	99.42%	0.58%	0.00%	805	741	779
	4 Ajmer	0.00%	99.97%	0.03%	0.00%	801	746	777
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	776	756	764
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	777	755	763
	7 Anta	0.00%	99.99%	0.01%	0.01%	805	748	778
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	744	765
	9 Bara	0.00%	100.00%	0.00%	0.00%	781	752	767
	10 Bareilly	0.00%	99.44%	0.56%	0.00%	804	746	778
	11 Bhadla	0.38%	99.36%	0.26%	0.64%	821	675	773
	12 Bhadla II	0.33%	99.30%	0.37%	0.70%	829	689	773
	13 Bhiwani	0.00%	99.17%	0.83%	0.83%	806	748	779
	14 Bikaner	0.19%	99.41%	0.40%	0.59%	809	706	773
	15 Chittorgarh	0.00%	99.83%	0.17%	0.17%	802	744	779
	16 Fatehgarh II	0.26%	99.39%	0.35%	0.61%	829	701	772
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	797	743	771
	18 Greater Noida	0.00%	97.98%	2.02%	2.02%	807	747	782
	19 Hapur	0.00%	99.56%	0.44%	0.44%	803	739	780
	20 Jhatikara	0.00%	99.98%	0.02%	0.02%	801	738	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	748	773
	22 Khethri	0.01%	99.81%	0.18%	0.19%	809	728	776
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	796	737	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	774	734	757
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	797	744	772
	26 Mainpuri	0.00%	99.92%	0.08%	0.08%	800	748	779
	27 Meerut	0.00%	99.03%	0.97%	0.97%	805	740	781
	28 Moga	0.04%	99.64%	0.32%	0.36%	805	725	771
	29 Orki	0.00%	97.38%	2.62%	2.62%	807	765	786
	30 Phagi	0.00%	99.51%	0.49%	0.49%	808	732	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	788	735	763
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	794	758	776
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	791	752	771
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	795	752	777
	3 Banaskantha	0.00%	99.90%	0.10%	0.10%	803	751	781
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	747	772
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	750	775
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	794	750	773
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	781	751	767
	8 Bina	0.00%	100.00%	0.00%	0.00%	796	759	778
	9 Champa	0.00%	99.84%	0.16%	0.16%	802	772	789
	10 Dharamjagarh	0.00%	100.00%	0.00%	0.00%	781	757	769
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	751	777
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	787	746	767
	13 Gadwanara	0.00%	99.96%	0.04%	0.04%	800	766	782
	14 Gwalior	0.00%	99.52%	0.48%	0.48%	804	757	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	796	750	774
	16 Jabalpur	0.00%	99.82%	0.18%	0.18%	802	768	785
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	753	777
	18 Koradi	0.00%	100.00%	0.00%	0.00%	777	753	767
	19 Lakadia	0.00%	98.42%	1.58%	1.58%	807	763	785
	20 New Partii	0.00%	100.00%	0.00%	0.00%	799	758	779
	21 Padghe	0.00%	98.49%	1.51%	1.51%	806	746	781
	22 Pune	0.00%	98.80%	1.20%	1.20%	811	743	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	772	785
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	771	784
	25 Rajnandgaon	0.00%	99.99%	0.01%	0.01%	800	764	784
	26 Sasan	0.00%	100.00%	0.00%	0.00%	791	765	779
	27 Satna	0.00%	99.99%	0.01%	0.01%	803	768	785
	28 Seoni	0.00%	100.00%	0.00%	0.00%	788	749	771
	29 Sipat	0.00%	100.00%	0.00%	0.00%	779	753	768
	30 Solapur	0.00%	99.91%	0.09%	0.09%	802	760	783
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	796	772	785
	32 Tirora	0.00%	100.00%	0.00%	0.00%	773	755	764
33 Vadodara	0.00%	98.71%	1.29%	1.29%	803	756	783	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	769	782	
35 Wardha	0.00%	100.00%	0.00%	0.00%	800	756	778	
36 Warora	0.00%	100.00%	0.00%	0.00%	794	758	778	
SR	1 Chilikaluripeta	0.00%	85.07%	14.93%	14.93%	811	755	784
	2 Cuddapah	0.00%	86.81%	13.19%	13.19%	810	756	786
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	796	746	774
	4 Maheshwaram	0.00%	98.07%	1.93%	1.93%	811	730	772
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	791	749	773
	6 Nizamabad	0.00%	93.23%	6.77%	6.77%	815	744	780
	7 Raichur	0.00%	100.00%	0.00%	0.00%	795	751	776
	8 Srikakulam	0.00%	97.99%	2.01%	2.01%	805	759	783
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	796	743	772
	10 Vemagiri	0.00%	89.95%	10.05%	10.05%	806	757	784
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	791	761	777
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	784	766	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	785	750	767
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	771	785
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	785	748	768
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	783	734	760
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	793	763	781
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	789	746	767
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	405	394	399
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	404
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	410	390	401
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	411
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	412
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	408
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	412	393	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	399	410
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402

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