

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
02-Jan-2023 to 08-Jan-2023

Date: 13-Jan-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 02-Jan-2023 to 08-Jan-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	0.01%	99.99%	0.00%	0.01%	790	702	771
	2 Agra (Fatehabad)	0.01%	99.99%	0.00%	0.01%	790	702	771
	3 Ajmer	0.00%	99.41%	0.59%	0.00%	813	748	780
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	796	743	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	752	760
	7 Anta	0.00%	100.00%	0.00%	0.00%	800	742	778
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	744	764
	9 Bara	0.00%	100.00%	0.00%	0.00%	789	750	774
	10 Bareilly	0.00%	99.81%	0.19%	0.00%	801	751	775
	11 Bhadla	0.07%	99.43%	0.50%	0.57%	810	714	774
	12 Bhadla II	0.01%	98.49%	1.50%	1.51%	813	716	776
	13 Bhiwani	0.00%	98.82%	1.18%	1.18%	805	747	782
	14 Bikaner	0.00%	99.16%	0.84%	0.84%	808	745	775
	15 Chittorgarh	0.00%	99.60%	0.40%	0.40%	809	749	782
	16 Fatehgarh II	0.01%	99.38%	0.62%	0.63%	809	723	773
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	807	746	768
	18 Greater Noida	0.00%	98.79%	1.21%	1.21%	804	751	782
	19 Hapur	0.00%	99.30%	0.70%	0.70%	803	748	779
	20 Jhatkara	0.00%	99.91%	0.09%	0.09%	803	745	778
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	745	770
	22 Khethri	0.00%	99.58%	0.42%	0.42%	808	744	779
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	795	740	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	774	743	769
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	792	746	769
	26 Mainpuri	0.01%	99.57%	0.42%	0.43%	803	716	779
	27 Meerut	0.00%	99.25%	0.75%	0.75%	805	742	779
	28 Moga	0.00%	99.60%	0.40%	0.40%	807	743	772
	29 Orai	0.00%	99.40%	0.60%	0.60%	803	760	784
	30 Phagi	0.00%	99.78%	0.22%	0.22%	806	737	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	782	731	756
	32 Varanasi	0.01%	99.99%	0.00%	0.01%	793	708	773
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	791	745	773
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	796	743	773
	3 Banaskantha	0.00%	99.94%	0.06%	0.06%	802	750	780
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	749	773
	5 Bhuj	0.00%	99.95%	0.05%	0.05%	800	744	775
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	794	743	772
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	786	753	771
	8 Bina	0.00%	99.83%	0.17%	0.17%	801	756	778
	9 Champa	0.00%	93.85%	6.15%	6.15%	804	769	789
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	789	754	776
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	747	775
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	790	744	770
	13 Gadankara	0.00%	98.39%	1.61%	1.61%	800	764	783
	14 Gwalior	0.00%	98.93%	1.07%	1.07%	806	756	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	794	744	773
	16 Jabalpur	0.00%	90.83%	9.17%	9.17%	809	766	787
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	797	749	775
	18 Koradi	0.00%	100.00%	0.00%	0.00%	783	748	769
	19 Lakadia	0.00%	99.16%	0.84%	0.84%	803	754	782
	20 New Partii	0.00%	100.00%	0.00%	0.00%	794	742	775
	21 Padghe	0.00%	99.76%	0.24%	0.24%	802	746	778
	22 Pune	0.00%	99.12%	0.88%	0.88%	808	747	779
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	770	786
	24 Raipur Pooling	0.00%	99.92%	0.08%	0.08%	801	767	784
	25 Rajnandgaon	0.00%	100.00%	0.00%	0.00%	799	759	782
	26 Sasan	0.00%	100.00%	0.00%	0.00%	798	766	778
	27 Satna	0.00%	98.94%	1.06%	1.06%	802	756	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	793	744	772
	29 Sipat	0.00%	100.00%	0.00%	0.00%	796	756	773
	30 Solapur	0.00%	100.00%	0.00%	0.00%	797	741	779
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	798	755	782
	32 Tirora	0.00%	96.66%	3.34%	3.34%	808	748	769
33 Vadodara	0.00%	95.18%	4.82%	4.82%	808	737	780	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	757	781	
35 Wardha	0.00%	100.00%	0.00%	0.00%	796	738	776	
36 Warora	0.00%	100.00%	0.00%	0.00%	795	748	777	
SR	1 Chilikaluripeta	0.00%	99.92%	0.08%	0.08%	814	732	777
	2 Cuddapah	0.00%	93.90%	6.10%	6.10%	813	746	780
	3 Kurnool	0.00%	99.51%	0.49%	0.49%	804	738	772
	4 Maheshwaram	0.05%	97.73%	2.22%	2.27%	811	725	778
	5 Nellore PS	0.00%	98.40%	1.60%	1.60%	808	744	774
	6 Nizamabad	0.02%	91.92%	8.06%	8.06%	822	726	783
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	741	775
	8 Srikakulam	0.00%	99.40%	0.60%	0.60%	806	740	777
	9 Thiruvallam	0.00%	99.58%	0.42%	0.42%	802	729	769
	10 Vemagiri	0.00%	96.20%	3.80%	3.80%	810	730	778
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	788	733	768
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	787	757	775
	3 Gaya	0.00%	100.00%	0.00%	0.00%	797	753	770
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	750	781
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	790	736	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	793	733	762
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	751	778
	8 Sasaram	0.00%	99.75%	0.25%	0.25%	811	743	711
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	404
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	392	405
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	403	411
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	423	394	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	425	400	414
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	401

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