

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
05-Dec-2022 to 11-Dec-2022

Date: 16-Dec-2022

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 05-Dec-2022 to 11-Dec-2022

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%	791	745	773
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	745	773
	3 Ajmer	0.00%	99.31%	0.69%	0.00%	804	751	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	799	741	778
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	766
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	774	755	765
	7 Anta	0.00%	100.00%	0.00%	0.00%	796	754	780
	8 Ballia	0.00%	100.00%	0.00%	0.00%	784	748	768
	9 Bara	0.00%	100.00%	0.00%	0.00%	784	763	774
	10 Bareilly	0.00%	95.63%	4.37%	0.00%	806	753	784
	11 Bhadla	0.01%	99.89%	0.10%	0.00%	805	722	773
	12 Bhadla II	0.00%	99.15%	0.85%	0.00%	809	737	775
	13 Bhiwani	0.00%	99.68%	0.32%	0.00%	803	749	782
	14 Bikaner	0.00%	99.67%	0.33%	0.00%	806	743	775
	15 Chittorgarh	0.00%	99.40%	0.60%	0.00%	804	748	781
	16 Fatehgarh II	0.00%	99.61%	0.39%	0.00%	808	735	773
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	788	744	769
	18 Greater Noida	0.00%	97.69%	2.31%	0.00%	804	749	785
	19 Hapur	0.00%	99.10%	0.90%	0.00%	803	747	783
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	799	744	777
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	741	772
	22 Kheini	0.00%	99.85%	0.15%	0.00%	806	747	778
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	796	736	774
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	738	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	796	750	776
	26 Mainpuri	0.00%	99.34%	0.66%	0.00%	803	752	784
	27 Meerut	0.00%	99.92%	0.08%	0.00%	801	740	780
	28 Moga	0.00%	99.83%	0.17%	0.00%	804	742	770
	29 Orai	0.00%	98.87%	1.13%	0.00%	806	753	785
	30 Phagi	0.00%	99.74%	0.26%	0.00%	803	740	780
	31 Unnao	0.00%	100.00%	0.00%	0.00%	787	734	763
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	789	756	775
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	797	744	770
	2 Aurangabad	0.00%	99.93%	0.07%	0.00%	801	739	774
	3 Banaskantha	0.00%	99.85%	0.15%	0.00%	801	750	779
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	737	769
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	797	740	772
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	793	743	770
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	789	746	772
	8 Bina	0.00%	100.00%	0.00%	0.00%	797	749	777
	9 Champa	0.00%	93.39%	6.61%	0.00%	806	760	788
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	753	776
	11 Dhule (BDTCL)	0.00%	99.96%	0.04%	0.00%	800	741	774
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	792	745	768
	13 Gadawara	0.00%	99.94%	0.06%	0.00%	800	757	782
	14 Gwalior	0.00%	99.80%	0.20%	0.00%	802	748	782
	15 Indore	0.00%	100.00%	0.00%	0.00%	797	735	771
	16 Jabalpur	0.00%	99.19%	0.81%	0.00%	806	757	784
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	799	739	773
	18 Koradi	0.00%	100.00%	0.00%	0.00%	783	748	766
	19 Lakadia	0.00%	98.99%	1.01%	0.00%	803	754	780
	20 New Parli	0.00%	100.00%	0.00%	0.00%	800	745	776
	21 Padghe	0.00%	99.39%	0.61%	0.00%	809	735	777
	22 Pune	0.00%	99.91%	0.09%	0.00%	803	740	777
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	761	785
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	760	783
	25 Rajnandgaon	0.00%	95.84%	4.16%	0.00%	807	751	784
	26 Sasan	0.00%	100.00%	0.00%	0.00%	788	762	777
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	761	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	797	740	774
	29 Sipat	0.00%	100.00%	0.00%	0.00%	788	751	773
	30 Solapur	0.00%	100.00%	0.00%	0.00%	800	744	777
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	799	762	783
	32 Tirora	0.00%	100.00%	0.00%	0.00%	776	750	764
	33 Vadodara	0.00%	99.93%	0.07%	0.00%	801	738	776
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	765	780
	35 Wardha	0.00%	98.07%	1.93%	0.00%	806	742	779
	36 Warora	0.00%	99.99%	0.01%	0.00%	800	746	777
SR	1 Chilkaluripeta	0.00%	99.43%	0.57%	0.00%	806	729	767
	2 Cuddapah	0.00%	86.17%	13.83%	0.00%	811	750	784
	3 Kurmool	0.00%	100.00%	0.00%	0.00%	797	742	773
	4 Maheshwaram	0.00%	99.23%	0.77%	0.00%	804	731	775
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	798	746	774
	6 Nizamabad	0.00%	81.87%	18.13%	0.00%	809	737	783
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	743	775
	8 Srikulam	0.00%	91.68%	8.32%	0.00%	810	735	775
	9 Thiruvallam	0.00%	98.35%	1.65%	0.00%	802	742	772
	10 Vemagiri	0.00%	96.12%	3.88%	0.00%	811	732	772
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	799	738	767
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	790	754	774
	3 Gaya	0.00%	100.00%	0.00%	0.00%	785	753	770
	4 Jharsuguda	0.00%	99.10%	0.90%	0.00%	802	759	783
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	784	745	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	777	731	756
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	758	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	796	735	767
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	408
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	410
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	421	404	413
	6 Bymohakilling (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	405
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	405
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	403	413
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408
	16 Surajmani Nagar (Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	392	401

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