

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
13-Feb-2023 to 19-Feb-2023

Date: 24-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	1	0.25	0.15
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 13-Feb-2023 to 19-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%	794	743	772
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	743	772
	3 Ajmer	0.00%	99.69%	0.31%	0.00%	805	744	777
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	800	747	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	771	755	763
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	769	754	761
	7 Anta	0.00%	100.00%	0.00%	0.00%	800	753	779
	8 Ballia	0.00%	100.00%	0.00%	0.00%	779	743	765
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	749	769
	10 Bareilly	0.00%	99.69%	0.31%	0.00%	805	748	779
	11 Bhadla	0.21%	99.60%	0.19%	0.40%	805	701	771
	12 Bhadla II	0.07%	99.64%	0.29%	0.36%	807	699	771
	13 Bhiwani	0.00%	99.81%	0.19%	0.19%	802	740	779
	14 Bikaner	0.00%	99.82%	0.18%	0.18%	803	731	772
	15 Chittorgarh	0.00%	99.97%	0.03%	0.03%	800	748	776
	16 Fatehgarh II	0.60%	99.32%	0.09%	0.68%	804	682	769
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	794	744	768
	18 Greater Noida	0.00%	99.30%	0.70%	0.70%	804	753	783
	19 Hapur	0.00%	99.75%	0.25%	0.00%	801	748	781
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	799	739	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	748	772
	22 Khethri	0.00%	99.94%	0.06%	0.06%	801	730	775
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	795	738	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	774	737	758
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	743	772
	26 Mainpuri	0.00%	99.89%	0.11%	0.11%	802	751	781
	27 Meerut	0.00%	99.85%	0.15%	0.15%	803	749	780
	28 Moga	0.00%	100.00%	0.00%	0.00%	800	740	769
	29 Orai	0.00%	97.99%	2.01%	2.01%	808	763	786
	30 Phagi	0.00%	99.84%	0.16%	0.16%	805	736	777
	31 Unnao	0.00%	100.00%	0.00%	0.00%	782	736	762
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	775
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	791	751	772
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	796	750	773
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	796	754	778
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	750	767
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	747	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	791	748	772
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	787	757	772
	8 Bina	0.00%	100.00%	0.00%	0.00%	797	761	778
	9 Champa	0.00%	96.60%	3.40%	3.40%	807	778	793
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	791	762	777
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	747	771
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	788	741	767
	13 Gadankara	0.00%	100.00%	0.00%	0.00%	798	770	785
	14 Gwalior	0.00%	99.27%	0.73%	0.73%	806	760	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	789	746	770
	16 Jabalpur	0.00%	99.54%	0.46%	0.46%	804	768	787
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	749	772
	18 Koradi	0.00%	100.00%	0.00%	0.00%	778	755	767
	19 Lakadia	0.00%	99.86%	0.14%	0.14%	805	759	783
	20 New Partii	0.00%	100.00%	0.00%	0.00%	798	757	778
	21 Padghe	0.00%	99.89%	0.11%	0.11%	802	745	776
	22 Pune	0.00%	99.79%	0.21%	0.21%	802	741	775
	23 Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	800	776	789
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	775	787
	25 Rajnandgaon	0.00%	99.41%	0.59%	0.59%	805	771	788
	26 Sasan	0.00%	100.00%	0.00%	0.00%	790	767	779
	27 Satna	0.00%	100.00%	0.00%	0.00%	800	770	784
	28 Seoni	0.00%	100.00%	0.00%	0.00%	791	751	772
	29 Sipat	0.00%	100.00%	0.00%	0.00%	785	759	772
	30 Solapur	0.00%	99.94%	0.06%	0.06%	803	759	780
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	798	775	787
	32 Tirora	0.00%	100.00%	0.00%	0.00%	774	755	764
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	798	756	779
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	772	782
	35 Wardha	0.00%	99.91%	0.09%	0.09%	804	755	778
36 Warora	0.00%	100.00%	0.00%	0.00%	798	763	779	
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	799	748	774
	2 Cuddapah	0.00%	99.96%	0.04%	0.04%	801	752	778
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	790	740	767
	4 Maheshwaram	0.00%	91.13%	8.87%	8.87%	810	741	775
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	787	743	768
	6 Nizamabad	0.00%	85.12%	14.88%	14.88%	819	749	782
	7 Raichur	0.00%	100.00%	0.00%	0.00%	793	745	772
	8 Srikakulam	0.00%	99.26%	0.74%	0.74%	804	750	780
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	740	767
	10 Vemagiri	0.00%	98.90%	1.10%	1.10%	804	757	778
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	795	759	778
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	792	770	782
	3 Gaya	0.00%	100.00%	0.00%	0.00%	780	751	767
	4 Jharsuguda	0.00%	98.92%	1.08%	1.08%	803	775	790
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	782	749	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	774	735	756
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	765	782
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	785	751	768
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	405	392	398
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	399
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	409
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	402	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	407
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	418	393	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	396	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	395	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	408
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	401

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