

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
09-Jan-2023 to 15-Jan-2023

Date: 20-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 09-Jan-2023 to 15-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	0.00%	100.00%	0.00%	0.00%	798	740	772
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	798	740	772
	3 Ajmer	0.00%	99.30%	0.70%	0.70%	817	744	777
	4 Ajmer	0.00%	99.95%	0.05%	0.05%	803	746	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	774	754	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	772	749	760
	7 Anta	0.00%	99.86%	0.14%	0.14%	808	745	775
	8 Ballia	0.00%	100.00%	0.00%	0.00%	784	747	765
	9 Bara	0.00%	100.00%	0.00%	0.00%	799	753	774
	10 Bareilly	0.00%	99.77%	0.23%	0.23%	801	746	779
	11 Bhadla	0.21%	99.40%	0.39%	0.60%	834	673	770
	12 Bhadla II	0.08%	99.20%	0.72%	0.80%	851	693	772
	13 Bhiwani	0.00%	99.52%	0.48%	0.48%	809	745	781
	14 Bikaner	0.02%	99.27%	0.71%	0.73%	810	713	772
	15 Chittorgarh	0.00%	99.66%	0.34%	0.34%	810	736	779
	16 Fatehgarh II	0.07%	99.30%	0.64%	0.70%	817	680	770
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	783	742	768
	18 Greater Noida	0.00%	97.71%	2.29%	2.29%	807	748	763
	19 Hapur	0.00%	98.75%	1.25%	1.25%	804	743	780
	20 Jhatikara	0.00%	99.84%	0.16%	0.16%	806	746	776
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	745	771
	22 Khethri	0.00%	99.65%	0.35%	0.35%	810	742	777
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	796	732	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	780	743	761
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	793	746	772
	26 Mainpuri	0.00%	99.58%	0.42%	0.42%	811	749	781
	27 Meerut	0.00%	98.17%	1.83%	1.83%	806	740	781
	28 Moga	0.13%	99.45%	0.42%	0.55%	805	724	771
	29 Patli	0.00%	99.06%	0.94%	0.94%	805	759	785
	30 Phagi	0.00%	99.37%	0.63%	0.63%	815	731	776
	31 Unnao	0.00%	100.00%	0.00%	0.00%	788	731	781
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	790	739	774
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	748	773
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	794	745	774
	3 Banaskantha	0.00%	99.98%	0.02%	0.02%	800	758	781
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	775
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	793	761	777
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	794	761	775
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	786	757	773
	8 Bina	0.00%	100.00%	0.00%	0.00%	798	760	778
	9 Champa	0.00%	96.47%	3.53%	3.53%	805	773	790
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	791	765	777
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	750	776
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	793	745	770
	13 Gadarwara	0.00%	100.00%	0.00%	0.00%	799	769	785
	14 Gwalior	0.00%	99.96%	0.04%	0.04%	800	757	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	792	748	773
	16 Jabalpur	0.00%	95.19%	4.81%	4.81%	805	772	789
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	793	752	775
	18 Koradi	0.00%	100.00%	0.00%	0.00%	782	747	765
	19 Lakadia	0.00%	99.83%	0.17%	0.17%	805	768	786
	20 New Partii	0.00%	100.00%	0.00%	0.00%	795	752	776
	21 Padghe	0.00%	100.00%	0.00%	0.00%	799	737	776
	22 Pune	0.00%	99.84%	0.16%	0.16%	802	745	777
	23 Raigarh Pooling	0.00%	99.98%	0.02%	0.02%	801	774	787
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	773	785
	25 Rajnandgaon	0.00%	99.28%	0.72%	0.72%	802	767	788
	26 Sasan	0.00%	100.00%	0.00%	0.00%	791	767	778
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	761	784
	28 Seoni	0.00%	100.00%	0.00%	0.00%	794	753	774
	29 Sipat	0.00%	100.00%	0.00%	0.00%	786	762	774
	30 Solapur	0.00%	100.00%	0.00%	0.00%	797	752	778
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	799	772	786
	32 Tirora	0.00%	100.00%	0.00%	0.00%	777	749	764
	33 Vadodara	0.00%	97.82%	2.18%	2.18%	804	758	783
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	771	782
	35 Wardha	0.00%	100.00%	0.00%	0.00%	800	752	780
	36 Warora	0.00%	100.00%	0.00%	0.00%	796	756	779
SR	1 Chilikaluripeta	0.00%	81.21%	18.79%	18.79%	817	750	787
	2 Cuddapah	0.00%	72.10%	27.90%	27.90%	816	757	791
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	798	745	777
	4 Maheshwaram	0.00%	92.87%	7.13%	7.13%	809	744	782
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	798	748	778
	6 Nizamabad	0.00%	81.99%	18.01%	18.01%	812	750	789
	7 Raichur	0.00%	99.98%	0.02%	0.02%	800	749	778
	8 Srikakulam	0.00%	91.61%	8.39%	8.39%	803	764	781
	9 Thiruvallam	0.00%	99.90%	0.10%	0.10%	802	747	778
	10 Vemagiri	0.00%	76.34%	23.66%	23.66%	814	757	789
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	744	770
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	789	763	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	786	753	768
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	769	785
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	790	746	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	784	732	757
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	763	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	783	745	765
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	408	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	401
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	410
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	421	404	412
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	405
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	407
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	412	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	426	403	415
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	409
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	397	402

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