

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
26-Dec-2022 to 01-Jan-2023

Date: 6-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 26-Dec-2022 to 01-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%	793	743	772
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	743	772
	3 Ajmer	0.00%	99.27%	0.73%	0.00%	807	743	780
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	798	741	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	773	755	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	753	761
	7 Anta	0.00%	100.00%	0.00%	0.00%	796	747	778
	8 Ballia	0.00%	100.00%	0.00%	0.00%	793	742	765
	9 Bara	0.00%	100.00%	0.00%	0.00%	788	756	772
	10 Bareilly	0.00%	99.42%	0.58%	0.00%	803	745	778
	11 Bhadla	0.09%	99.41%	0.50%	0.59%	811	705	776
	12 Bhadla II	0.00%	99.12%	0.88%	0.88%	813	732	779
	13 Bhiwani	0.00%	99.91%	0.09%	0.09%	801	750	779
	14 Bikaner	0.00%	99.35%	0.65%	0.65%	810	735	777
	15 Chittorgarh	0.00%	99.01%	0.99%	0.99%	809	749	781
	16 Fatehgarh II	0.04%	99.38%	0.58%	0.62%	811	710	777
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	791	744	768
	18 Greater Noida	0.00%	99.41%	0.59%	0.59%	804	746	782
	19 Hapur	0.00%	99.52%	0.48%	0.48%	804	741	780
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	797	741	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	742	771
	22 Khethri	0.01%	99.59%	0.40%	0.41%	807	726	777
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	799	740	771
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	743	769
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	796	742	773
	26 Mainpuri	0.00%	99.75%	0.25%	0.25%	805	745	779
	27 Meerut	0.00%	99.77%	0.23%	0.23%	801	746	779
	28 Moga	0.00%	99.40%	0.60%	0.60%	808	739	771
	29 Orai	0.00%	100.00%	0.00%	0.00%	800	754	782
	30 Phagi	0.00%	99.75%	0.25%	0.25%	804	730	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	785	728	757
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	792	756	774
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	750	772
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	797	741	771
	3 Banaskantha	0.00%	99.53%	0.47%	0.47%	808	752	779
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	742	770
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	747	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	788	744	769
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	789	753	769
	8 Bina	0.00%	100.00%	0.00%	0.00%	796	751	775
	9 Champa	0.00%	90.62%	9.38%	9.38%	806	771	789
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	784	756	768
	11 Dhuile (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	744	773
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	792	744	769
	13 Gadankara	0.00%	100.00%	0.00%	0.00%	796	763	779
	14 Gwalior	0.00%	99.64%	0.36%	0.36%	806	750	780
	15 Indore	0.00%	100.00%	0.00%	0.00%	794	743	771
	16 Jabalpur	0.00%	99.91%	0.09%	0.09%	802	762	782
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	747	774
	18 Koradi	0.00%	100.00%	0.00%	0.00%	789	748	767
	19 Lakadia	0.00%	99.91%	0.09%	0.09%	801	757	781
	20 New Partii	0.00%	99.70%	0.30%	0.30%	802	747	776
	21 Padghe	0.00%	99.92%	0.08%	0.08%	801	740	774
	22 Pune	0.00%	99.81%	0.19%	0.19%	802	734	776
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	770	784
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	768	782
	25 Rajnandgaon	0.00%	96.98%	3.02%	3.02%	805	762	784
	26 Sasan	0.00%	100.00%	0.00%	0.00%	788	762	776
	27 Satna	0.00%	100.00%	0.00%	0.00%	797	762	781
	28 Seoni	0.00%	100.00%	0.00%	0.00%	794	748	770
	29 Sipat	0.00%	99.73%	0.27%	0.27%	787	758	771
	30 Solapur	0.00%	99.77%	0.23%	0.23%	805	750	778
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	798	771	783
	32 Tirora	0.00%	100.00%	0.00%	0.00%	788	748	767
33 Vadodara	0.00%	99.95%	0.05%	0.05%	801	746	775	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	765	779	
35 Wardha	0.00%	99.78%	0.22%	0.22%	804	737	773	
36 Warora	0.00%	99.15%	0.85%	0.85%	798	752	772	
SR	1 Chilikaluripeta	0.00%	97.09%	2.91%	2.91%	807	742	774
	2 Cuddapah	0.00%	97.35%	2.65%	2.65%	808	748	780
	3 Kurnool	0.01%	99.31%	0.68%	0.69%	798	742	771
	4 Maheshwaram	0.20%	96.96%	2.84%	3.04%	813	719	776
	5 Nellore PS	0.00%	95.00%	5.00%	5.00%	797	746	772
	6 Nizamabad	0.12%	91.81%	8.08%	8.19%	813	721	781
	7 Raichur	0.00%	99.99%	0.01%	0.01%	800	742	774
	8 Srikakulam	0.00%	93.74%	6.26%	6.26%	805	738	774
	9 Thiruvallam	0.00%	97.87%	2.13%	2.13%	788	740	765
	10 Vemagiri	0.00%	97.15%	2.85%	2.85%	814	741	777
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	799	737	768
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	789	760	773
	3 Gaya	0.00%	100.00%	0.00%	0.00%	790	751	769
	4 Jharsuguda	0.00%	99.21%	0.79%	0.79%	802	765	782
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	782	744	765
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	778	733	755
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	760	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	796	734	761
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	401	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	412
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	408
	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	397	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	421	396	409
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	408
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	413	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	425	403	414
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	402

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