

GRID CONTROLLER OF INDIA LIMITED
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 21-12-2023
System Reliability Indices Report for: 20-12-2023

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	NER Import	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

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	NER Import	0	0.00	0.00

Voltage Profile for the day of 20-12-2023

Region	Sr.No.	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%	783	739	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	783	739	770
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	797	759	779
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	785	741	769
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	771	755	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	754	763
	7	Anta	0.00%	100.00%	0.00%	0.00%	788	761	779
	8	Ballia	0.00%	100.00%	0.00%	0.00%	777	745	767
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	757	768
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	794	743	780
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	789	750	772
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	798	760	776
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	753	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	794	753	773
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	798	761	783
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	795	755	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	747	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	788	745	774
	19	Hapur	0.00%	100.00%	0.00%	0.00%	788	743	774
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	786	748	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	746	769
	22	Khetri	0.00%	100.00%	0.00%	0.00%	791	752	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	784	748	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	766	742	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	789	745	776
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	779	757	768
	27	Meerut	0.00%	100.00%	0.00%	0.00%	791	749	775
	28	Moga	0.00%	100.00%	0.00%	0.00%	793	744	765
	29	Orai	0.00%	100.00%	0.00%	0.00%	796	757	780
	30	Phagi	0.00%	100.00%	0.00%	0.00%	795	751	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	743	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	784	755	772
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	786	752	768
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	746	771
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	799	764	787
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	746	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	794	766	783
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	786	757	775
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	751	764
	8	Bina	0.00%	100.00%	0.00%	0.00%	792	753	775
	9	Champa	0.00%	100.00%	0.00%	0.00%	797	766	780
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	759	768
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	750	772
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	746	767
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	797	765	781
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	792	753	778
	15	Indore	0.00%	100.00%	0.00%	0.00%	789	743	770
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	763	782
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	749	771
	18	Koradi	0.00%	100.00%	0.00%	0.00%	770	749	760
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	798	766	785
	20	New Parli	0.00%	99.03%	0.97%	0.97%	801	756	780
	21	Padghe	0.00%	100.00%	0.00%	0.00%	796	745	775
	22	Pune	0.00%	100.00%	0.00%	0.00%	796	741	776
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	768	779
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	767	777
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	795	761	777
	26	Sasan	0.00%	100.00%	0.00%	0.00%	784	763	774
	27	Satna	0.00%	100.00%	0.00%	0.00%	793	762	779
	28	Seoni	0.00%	100.00%	0.00%	0.00%	787	746	768
	29	Sipat	0.00%	100.00%	0.00%	0.00%	779	754	765
	30	Solapur	0.00%	97.08%	2.92%	2.92%	804	758	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	792	768	778
	32	Tirora	0.00%	100.00%	0.00%	0.00%	768	750	759
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	794	751	775
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	767	779
	35	Wardha	0.00%	100.00%	0.00%	0.00%	793	748	772
	36	Warora	0.00%	100.00%	0.00%	0.00%	798	759	778
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	793	746	772
	2	Cuddapah	0.00%	88.68%	11.32%	11.32%	806	759	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	792	747	772
	4	Maheshwaram	0.00%	99.38%	0.63%	0.63%	802	752	782
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	752	772
	6	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	751	782
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	754	776
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	759	780
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	800	754	778
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	791	756	775
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	756	771
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	782	765	773
	3	Gaya	0.00%	100.00%	0.00%	0.00%	783	753	769
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	770	781
	5	Medininpur	0.00%	100.00%	0.00%	0.00%	778	747	765
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	771	734	756
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	790	762	776
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	770	742	760
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	408	401	405
	2	Balipara	0.00%	100.00%	0.00%	0.00%	411	389	400
	3	Biswanath Chariali	0.00%	99.93%	0.00%	0.00%	423	396	408
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	414	398	406
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	416	399	407
	6	Bymihat/killing	0.00%	100.00%	0.00%	0.00%	418	402	410
	7	Imphal	0.00%	100.00%	0.00%	0.00%	414	397	405
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	390	401
	9	Misa	0.00%	100.00%	0.00%	0.00%	411	393	402
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	418	395	407
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	414	396	405
	12	Palatana	0.00%	100.00%	0.00%	0.00%	413	404	409
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	396	405
	14	Ranganadi	0.00%	99.79%	0.00%	0.00%	420	396	409
	15	Silchar	0.00%	100.00%	0.00%	0.00%	416	399	408
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	409	397	404

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