

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

Date of Reporting: 31-12-2023
System Reliability Indices Report for: 30-12-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
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 30-12-2023

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%	787	738	769
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	738	769
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	796	759	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	785	737	767
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	757	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	755	763
	7	Anta	0.00%	100.00%	0.00%	0.00%	789	762	776
	8	Ballia	0.00%	100.00%	0.00%	0.00%	776	745	762
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	754	766
	10	Bareilly	0.07%	99.93%	0.00%	0.07%	789	709	771
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	785	751	771
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	794	757	775
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	754	775
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	755	774
	15	Chittorgarh	0.00%	99.86%	0.14%	0.14%	801	761	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	787	757	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	743	764
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	793	742	774
	19	Hapur	0.00%	100.00%	0.00%	0.00%	791	737	772
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	786	748	770
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	783	741	767
	22	Khetri	0.00%	100.00%	0.00%	0.00%	789	754	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	786	746	769
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	766	737	753
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	786	743	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	786	738	769
	27	Meerut	0.00%	100.00%	0.00%	0.00%	792	747	774
	28	Moga	0.00%	100.00%	0.00%	0.00%	792	745	765
	29	Orai	0.00%	100.00%	0.00%	0.00%	795	751	777
	30	Phagi	0.00%	100.00%	0.00%	0.00%	794	752	775
	31	Unnao	0.00%	100.00%	0.00%	0.00%	780	740	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	783	755	770
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	785	758	768
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	750	771
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	800	765	784
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	748	768
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	792	760	778
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	784	754	772
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	752	764
	8	Bina	0.00%	100.00%	0.00%	0.00%	786	749	770
	9	Champa	0.00%	100.00%	0.00%	0.00%	789	772	781
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	773	757	765
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	754	774
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	753	767
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	790	765	778
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	789	747	772
	15	Indore	0.00%	100.00%	0.00%	0.00%	786	745	768
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	761	778
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	754	773
	18	Koradi	0.00%	100.00%	0.00%	0.00%	774	757	764
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	797	762	783
	20	New Parli	0.00%	100.00%	0.00%	0.00%	797	761	780
	21	Padghe	0.00%	100.00%	0.00%	0.00%	789	751	774
	22	Pune	0.00%	100.00%	0.00%	0.00%	794	750	778
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	784	770	777
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	782	769	776
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	789	766	778
	26	Sasan	0.00%	100.00%	0.00%	0.00%	781	761	772
	27	Satna	0.00%	100.00%	0.00%	0.00%	789	756	776
	28	Seoni	0.00%	100.00%	0.00%	0.00%	780	748	764
	29	Sipat	0.00%	100.00%	0.00%	0.00%	773	757	765
	30	Solapur	0.00%	100.00%	0.00%	0.00%	797	759	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	785	771	778
	32	Tirora	0.00%	100.00%	0.00%	0.00%	769	756	762
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	790	749	774
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	785	764	776
	35	Wardha	0.00%	100.00%	0.00%	0.00%	784	751	768
	36	Warora	0.00%	100.00%	0.00%	0.00%	792	760	777
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	799	758	780
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	799	760	781
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	788	747	770
	4	Maheshwaram	0.00%	99.72%	0.28%	0.28%	801	753	780
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	749	770
	6	Nizamabad	0.00%	100.00%	0.00%	0.00%	798	750	776
	7	Raichur	0.00%	100.00%	0.00%	0.00%	792	751	774
	8	Srikakulam	0.00%	99.58%	0.42%	0.42%	801	766	785
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	751	770
	10	Vemagiri	0.00%	95.56%	4.44%	4.44%	804	768	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	761	775
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	779	768	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	780	752	767
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	791	773	782
	5	Medininpur	0.00%	100.00%	0.00%	0.00%	787	746	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	732	762
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	774	739	757
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	408	400	405
	2	Balipara	0.00%	100.00%	0.00%	0.00%	410	394	401
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	418	398	408
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	415	399	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	416	400	409
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	418	403	411
	7	Imphal	0.00%	100.00%	0.00%	0.00%	412	398	406
	8	Kameng	0.00%	100.00%	0.00%	0.00%	411	394	402
	9	Misa	0.00%	100.00%	0.00%	0.00%	410	394	402
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	417	399	408
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	413	398	406
	12	Palatana	0.00%	100.00%	0.00%	0.00%	410	402	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	405	394	400
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	418	399	409
	15	Silchar	0.00%	100.00%	0.00%	0.00%	414	399	408
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	405	395	401

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