

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

Date of Reporting: 19-12-2023
System Reliability Indices Report for: 18-12-2023

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 18-12-2023

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	739	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	739	770
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	793	746	775
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	789	743	769
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	759	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	757	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	789	760	778
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	748	770
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	753	768
	10	Bareilly	0.00%	98.33%	1.67%	1.67%	801	746	777
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	794	736	769
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	798	740	774
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	795	752	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	798	744	773
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	794	745	779
	16	Fatehgarh II	0.07%	99.93%	0.00%	0.07%	795	722	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	744	768
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	794	746	774
	19	Hapur	0.00%	100.00%	0.00%	0.00%	795	746	775
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	791	748	773
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	744	770
	22	Khetri	0.00%	100.00%	0.00%	0.00%	797	748	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	789	745	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	768	739	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	787	752	767
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	766	765	766
	27	Meerut	0.00%	100.00%	0.00%	0.00%	796	747	775
	28	Moga	0.00%	100.00%	0.00%	0.00%	796	740	765
	29	Orai	0.00%	99.44%	0.56%	0.56%	801	756	782
	30	Phagi	0.00%	100.00%	0.00%	0.00%	796	749	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	790	744	768
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	754	774
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	749	769
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	744	774
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	791	757	781
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	741	773
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	781	756	773
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	774	748	766
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	749	767
	8	Bina	0.00%	100.00%	0.00%	0.00%	797	752	777
	9	Champa	0.00%	100.00%	0.00%	0.00%	799	762	782
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	755	770
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	749	777
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	746	769
	13	Gadarwara	0.00%	90.00%	10.00%	0.00%	802	762	783
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	796	752	779
	15	Indore	0.00%	100.00%	0.00%	0.00%	792	745	775
	16	Jabalpur	0.00%	85.49%	14.51%	14.51%	804	762	784
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	749	777
	18	Koradi	0.00%	100.00%	0.00%	0.00%	783	748	761
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	789	758	779
	20	New Parli	0.00%	81.67%	18.33%	18.33%	805	752	784
	21	Padghe	0.00%	98.61%	1.39%	1.39%	801	746	779
	22	Pune	0.00%	93.54%	6.46%	6.46%	803	747	782
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	764	781
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	763	779
	25	Rajnandgaon	0.00%	99.44%	0.56%	0.56%	801	752	780
	26	Sasan	0.00%	100.00%	0.00%	0.00%	788	763	776
	27	Satna	0.00%	100.00%	0.00%	0.00%	798	763	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	795	746	771
	29	Sipat	0.00%	100.00%	0.00%	0.00%	785	753	768
	30	Solapur	0.00%	78.19%	21.81%	21.81%	807	755	786
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	795	766	780
	32	Tirora	0.00%	100.00%	0.00%	0.00%	776	750	760
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	795	754	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	766	780
	35	Wardha	0.00%	100.00%	0.00%	0.00%	798	741	775
	36	Warora	0.00%	88.54%	11.46%	11.46%	803	745	781
SR	1	Chillakaluripeta	0.00%	94.38%	5.63%	5.63%	804	733	780
	2	Cuddapah	0.00%	71.81%	28.19%		811	742	787
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	736	774
	4	Maheshwaram	0.00%	75.97%	24.03%	24.03%	806	741	784
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	743	774
	6	Nizamabad	0.00%	76.39%	23.61%	23.61%	804	744	782
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	742	779
	8	Srikakulam	0.00%	95.35%	4.65%	4.65%	807	742	781
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	733	774
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	742	778
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	797	742	772
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	790	760	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	787	753	771
	4	Jharsuguda	0.00%	99.93%	0.07%	0.07%	800	764	782
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	778	749	763
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	768	736	751
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	776	735	759
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	409	400	405
	2	Balipara	0.00%	100.00%	0.00%	0.00%	412	391	401
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	420	396	408
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	414	400	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	401	409
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	417	398	409
	7	Imphal	0.00%	100.00%	0.00%	0.00%	414	396	406
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	390	402
	9	Misa	0.00%	100.00%	0.00%	0.00%	411	393	403
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	419	395	408
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	414	395	406
	12	Palatana	0.00%	100.00%	0.00%	0.00%	412	402	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	393	401
	14	Ranganadi	0.00%	99.31%	0.00%	0.00%	421	397	409
	15	Silchar	0.00%	100.00%	0.00%	0.00%	415	399	408
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	408	395	401

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