

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

Date of Reporting: 17-12-2023
System Reliability Indices Report for: 16-12-2023

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 16-12-2023

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%	785	742	767	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	785	742	767	
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	789	756	776	
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	787	745	769	
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	761	768	
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	759	767	
	7	Anta	0.00%	100.00%	0.00%	0.00%	785	761	777	
	8	Ballia	0.00%	100.00%	0.00%	0.00%	781	750	767	
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	755	766	
	10	Bareilly	0.00%	99.79%	0.21%	0.21%	801	750	776	
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	785	760	771	
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	786	763	773	
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	790	759	776	
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	788	762	772	
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	792	758	777	
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	785	756	772	
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	752	768	
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	793	749	775	
	19	Hapur	0.00%	100.00%	0.00%	0.00%	793	746	776	
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	788	750	772	
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	749	771	
	22	Khetri	0.00%	100.00%	0.00%	0.00%	789	755	774	
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	790	749	770	
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	767	742	756	
	27	Meerut	0.00%	100.00%	0.00%	0.00%	795	753	775	
	28	Moga	0.00%	100.00%	0.00%	0.00%	786	734	762	
	29	Orai	0.00%	100.00%	0.00%	0.00%	798	762	780	
	30	Phagi	0.00%	100.00%	0.00%	0.00%	793	756	777	
	31	Unnao	0.00%	100.00%	0.00%	0.00%	784	748	767	
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	759	773	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	786	753	772
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	750	774
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	795	766	783	
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	752	768	
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	780	755	770	
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	774	747	759	
8		Bina	0.00%	100.00%	0.00%	0.00%	789	755	774	
9		Champa	0.00%	100.00%	0.00%	0.00%	792	762	776	
10		Dharamjajgarh	0.00%	100.00%	0.00%	0.00%	776	751	763	
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	756	775	
12		Ektuni	0.00%	100.00%	0.00%	0.00%	783	763	778	
13		Gadarwara	0.00%	100.00%	0.00%	0.00%	793	764	778	
14		Gwalior	0.00%	100.00%	0.00%	0.00%	790	766	779	
15		Indore	0.00%	100.00%	0.00%	0.00%	792	754	772	
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	796	764	780	
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	758	776	
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	755	766	
19		Lakadla	0.00%	100.00%	0.00%	0.00%	794	764	781	
20		New Parli	0.00%	100.00%	0.00%	0.00%	798	759	779	
21		Padghe	0.00%	100.00%	0.00%	0.00%	795	749	777	
22		Pune	0.00%	99.86%	0.14%	0.14%	800	749	779	
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	789	764	775	
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	763	773	
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	792	756	772	
26		Sasan	0.00%	100.00%	0.00%	0.00%	783	765	774	
27		Satna	0.00%	100.00%	0.00%	0.00%	790	766	780	
28		Seoni	0.00%	100.00%	0.00%	0.00%	784	747	765	
29		Sipat	0.00%	100.00%	0.00%	0.00%	774	750	760	
30		Solapur	0.00%	100.00%	0.00%	0.00%	799	762	783	
31		Tamnar	0.00%	100.00%	0.00%	0.00%	789	766	776	
32		Tirora	0.00%	100.00%	0.00%	0.00%	773	755	763	
33		Vadodara	0.00%	100.00%	0.00%	0.00%	793	752	776	
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	768	778	
35		Wardha	0.00%	100.00%	0.00%	0.00%	789	750	769	
36		Warora	0.00%	100.00%	0.00%	0.00%	794	754	774	
SR		1	Chillakalupeta	0.00%	100.00%	0.00%	0.00%	797	743	776
	2	Cuddapah	0.00%	97.22%	2.78%	2.78%	803	754	782	
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	790	746	772	
	4	Maheshwaram	0.00%	85.56%	14.44%	14.44%	808	750	783	
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	751	772	
	7	Raichur	0.00%	100.00%	0.00%	0.00%	795	753	776	
	8	Srikakulam	0.00%	93.33%	6.67%	6.67%	803	758	781	
	9	Thiruvaiyam	0.00%	100.00%	0.00%	0.00%	790	748	773	
	10	Vernagiri	0.00%	100.00%	0.00%	0.00%	792	751	775	
	ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	760	776
2		Darlipalli	0.00%	100.00%	0.00%	0.00%	784	765	774	
3		Gaya	0.00%	100.00%	0.00%	0.00%	783	754	770	
4		Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	770	782	
5		Medinipur	0.00%	100.00%	0.00%	0.00%	779	747	765	
6		New Jeerat	0.00%	100.00%	0.00%	0.00%	772	734	756	
7		Ranchi	0.00%	100.00%	0.00%	0.00%	789	762	776	
8		Sasaram	0.00%	100.00%	0.00%	0.00%	779	749	763	
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	409	399	404	
	2	Balipara	0.00%	100.00%	0.00%	0.00%	409	391	401	
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	416	397	406	
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	415	400	408	
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	416	401	409	
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	419	403	411	
	7	Imphal	0.00%	100.00%	0.00%	0.00%	414	397	406	
	8	Karneng	0.00%	100.00%	0.00%	0.00%	410	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%	417	399	411	
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	413	396	405	
	12	Palatana	0.00%	100.00%	0.00%	0.00%	413	405	409	
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	399	405	
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	418	398	408	
	15	Silchar	0.00%	100.00%	0.00%	0.00%	417	401	409	
	16	Surajmani Nagar (Sterlite)	0.00%	100.00%	0.00%	0.00%	410	399	404	

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