

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

Date of Reporting: **01-01-25**
System Reliability Indices Report for: **31-12-2024**

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 31-12-2024

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%	796	757	779	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	757	779	
	3	Ajmer	0.00%	97.64%	2.36%	2.36%	801	769	787	
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	799	758	779	
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	760	772	
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	757	769	
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	763	780	
	8	Ballia	0.00%	100.00%	0.00%	0.00%	780	742	763	
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	756	767	
	10	Bareilly	0.00%	99.44%	0.56%	0.56%	803	755	780	
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	791	766	781	
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	763	784	
	13	Bhiwani	0.00%	99.65%	0.35%	0.35%	801	769	786	
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	799	768	785	
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	768	786	
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	759	779	
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	750	767	
	18	Greater Noida	0.00%	96.04%	3.96%	3.96%	804	762	784	
	19	Hapur	0.00%	99.03%	0.97%	0.97%	802	756	780	
	20	Jhatkara	0.00%	99.72%	0.28%	0.28%	801	761	782	
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	751	771	
	22	Khetri	0.00%	99.24%	0.76%	0.76%	803	765	786	
	23	Koteshwar	0.00%	99.86%	0.14%	0.14%	801	755	778	
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	749	762	
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	746	772	
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	792	747	767	
	27	Meerut	0.00%	94.24%	5.76%	5.76%	805	759	785	
	28	Moga	0.00%	100.00%	0.00%	0.00%	797	758	780	
	29	Orai	0.00%	85.28%	14.72%	14.72%	807	770	788	
	30	Phagi	0.00%	99.58%	0.42%	0.42%	803	764	784	
	31	Unnao	0.00%	100.00%	0.00%	0.00%	788	743	768	
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	757	773	
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	759	778	
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	790	746	771	
	3	Banaskantha	0.00%	91.94%	8.06%	8.06%	805	760	786	
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	752	772	
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	793	755	777	
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	787	753	772	
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	779	757	768	
	8	Bina	0.00%	100.00%	0.00%	0.00%	799	764	781	
	9	Champa	0.00%	100.00%	0.00%	0.00%	796	768	783	
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	759	769	
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	755	775	
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	790	750	774	
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	795	770	783	
	14	Gwalior	0.00%	98.75%	1.25%	1.25%	805	768	784	
	16	Jabalpur	0.00%	98.13%	1.88%	1.88%	802	772	787	
	18	Koradi	0.00%	100.00%	0.00%	0.00%	781	756	769	
	19	Lakadla	0.00%	99.51%	0.49%	0.49%	801	760	783	
	20	New Parli	0.00%	100.00%	0.00%	0.00%	795	759	782	
	21	Padghe	0.00%	99.17%	0.83%	0.83%	802	751	779	
	22	Pune	0.00%	97.64%	2.36%	2.36%	804	754	783	
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	788	770	780	
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	769	779	
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	792	762	779	
	26	Sasan	0.00%	100.00%	0.00%	0.00%	788	767	777	
	27	Satna	0.00%	100.00%	0.00%	0.00%	798	772	784	
	28	Seoni	0.00%	100.00%	0.00%	0.00%	793	759	776	
	29	Sipat	0.00%	100.00%	0.00%	0.00%	778	759	769	
	30	Solapur	0.00%	100.00%	0.00%	0.00%	799	761	783	
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	787	770	780	
	32	Tirora	0.00%	100.00%	0.00%	0.00%	774	755	765	
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	798	749	779	
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	770	780	
	35	Wardha	0.00%	100.00%	0.00%	0.00%	788	749	772	
	36	Warora	0.00%	100.00%	0.00%	0.00%	790	755	778	
	SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	783	746	768
		2	Cuddapah	0.00%	100.00%	0.00%	0.00%	797	760	780
3		Kurnool	0.00%	100.00%	0.00%	0.00%	789	748	772	
4		Maheshwaram	0.00%	100.00%	0.00%	0.00%	796	751	777	
5		Nellore PS	0.00%	100.00%	0.00%	0.00%	789	751	773	
6		Nizamabad	0.00%	100.00%	0.00%	0.00%	799	747	777	
7		Raichur	0.00%	100.00%	0.00%	0.00%	792	753	776	
8		Srikakulam	0.00%	100.00%	0.00%	0.00%	793	758	778	
9		Thiruvaiyam	0.00%	100.00%	0.00%	0.00%	783	751	769	
10		Vernagiri	0.00%	100.00%	0.00%	0.00%	786	750	771	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	760	776	
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	784	767	777	
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	750	767	
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	773	786	
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	779	747	767	
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	771	735	758	
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	765	781	
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	750	765	
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	413	405	409	
	2	Balipara	0.00%	100.00%	0.00%	0.00%	414	395	403	
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	413	396	403	
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	414	405	407	
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	402	409	
	6	Bymihat/killing	0.00%	100.00%	0.00%	0.00%	420	405	411	
	7	Imphal	0.00%	100.00%	0.00%	0.00%	412	395	406	
	8	Kameng	0.00%	100.00%	0.00%	0.00%	414	396	403	
	9	Misa	0.00%	100.00%	0.00%	0.00%	411	395	403	
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	414	394	406	
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	412	396	406	
	12	Palatana	0.00%	100.00%	0.00%	0.00%	410	402	406	
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	408	394	403	
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	414	396	403	
	15	Silchar	0.00%	100.00%	0.00%	0.00%	416	401	409	
	16	Surajmani Nagar(Sterlite)	0.00%	100.00%	0.00%	0.00%	406	395	402	

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