

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

Date of Reporting: 01-01-2024  
System Reliability Indices Report for: 31-12-2023

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	7	1.75	7.29
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	1	0.25	1.04
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 31-12-2023**

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%	792	741	769
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	741	769
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	798	760	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	740	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	753	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	753	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	750	776
	8	Ballia	0.00%	100.00%	0.00%	0.00%	777	744	763
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	755	768
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	795	741	774
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	789	755	772
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	794	764	775
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	758	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	762	775
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	764	783
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	788	761	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	785	744	766
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	749	778
	19	Hapur	0.00%	97.36%	2.64%	2.64%	807	747	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	794	749	773
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	742	769
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	755	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	749	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	770	741	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	793	743	771
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	788	749	772
	27	Meerut	0.00%	100.00%	0.00%	0.00%	800	752	776
	28	Moga	0.00%	99.79%	0.21%	0.21%	802	745	767
	29	Orai	0.00%	100.00%	0.00%	0.00%	797	753	781
	30	Phagi	0.00%	100.00%	0.00%	0.00%	800	729	776
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	740	765
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	783	754	771
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	786	754	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	754	779
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	798	769	788
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	746	773
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	793	767	784
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	785	762	777
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	754	766
	8	Bina	0.00%	100.00%	0.00%	0.00%	790	749	775
	9	Champa	0.00%	100.00%	0.00%	0.00%	791	775	784
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	775	758	767
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	749	778
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	785	747	771
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	793	766	783
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	793	746	777
	15	Indore	0.00%	100.00%	0.00%	0.00%	790	748	774
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	761	782
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	751	777
	18	Koradi	0.00%	100.00%	0.00%	0.00%	778	756	769
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	796	769	787
	20	New Parli	0.00%	99.93%	0.07%	0.07%	800	766	786
	21	Padghe	0.00%	100.00%	0.00%	0.00%	796	750	781
	22	Pune	0.00%	100.00%	0.00%	0.00%	797	752	783
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	786	772	780
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	785	770	778
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	792	771	783
	26	Sasan	0.00%	100.00%	0.00%	0.00%	783	761	774
	27	Satna	0.00%	100.00%	0.00%	0.00%	789	759	779
	28	Seoni	0.00%	100.00%	0.00%	0.00%	784	749	770
	29	Sipat	0.00%	100.00%	0.00%	0.00%	774	757	767
	30	Solapur	0.00%	99.51%	0.49%	0.49%	802	765	788
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	787	772	780
	32	Tirora	0.00%	100.00%	0.00%	0.00%	772	755	765
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	795	748	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	787	764	778
	35	Wardha	0.00%	100.00%	0.00%	0.00%	789	757	776
	36	Warora	0.00%	100.00%	0.00%	0.00%	795	766	782
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	796	766	784
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	799	765	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	788	751	773
	4	Maheshwaram	0.00%	99.38%	0.63%	0.63%	802	764	785
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	754	773
	6	Nizamabad	0.00%	99.31%	0.69%	0.69%	802	765	785
	7	Raichur	0.00%	100.00%	0.00%	0.00%	794	756	778
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	773	789
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	786	753	773
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	774	788
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	764	778
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	783	772	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	782	751	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	775	785
	5	Medininpur	0.00%	100.00%	0.00%	0.00%	778	752	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	772	739	758
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	789	765	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	776	742	759
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%	410	394	401
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	418	399	408
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	413	399	407
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	401	409
	6	Bymihat/killing	0.00%	100.00%	0.00%	0.00%	418	402	411
	7	Imphal	0.00%	100.00%	0.00%	0.00%	413	397	405
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	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%	415	397	406
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	412	398	405
	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%	419	399	409
	15	Silchar	0.00%	100.00%	0.00%	0.00%	414	400	407
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	405	395	400

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