

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

Date of Reporting: 30-12-2023  
System Reliability Indices Report for: 29-12-2023

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

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
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 29-12-2023**

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%	783	742	768
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	783	742	768
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	797	754	779
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	780	743	767
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	759	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	773	757	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	785	761	776
	8	Ballia	0.00%	100.00%	0.00%	0.00%	780	751	764
	9	Bara	0.00%	100.00%	0.00%	0.00%	776	756	766
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	789	744	769
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	792	756	771
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	796	761	776
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	792	757	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	798	761	775
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	796	758	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	761	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	780	748	765
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	787	749	773
	19	Hapur	0.00%	100.00%	0.00%	0.00%	785	745	770
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	786	750	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	782	748	767
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	755	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	784	751	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	764	741	753
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	787	747	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	780	742	766
	27	Meerut	0.00%	100.00%	0.00%	0.00%	789	753	774
	28	Moga	0.00%	100.00%	0.00%	0.00%	796	744	767
	29	Orai	0.00%	100.00%	0.00%	0.00%	793	758	777
	30	Phagi	0.00%	100.00%	0.00%	0.00%	793	751	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	782	742	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	783	756	771
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	752	770
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	752	773
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	799	761	786
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	749	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	791	756	779
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	783	753	773
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	774	757	765
	8	Bina	0.00%	100.00%	0.00%	0.00%	786	753	772
	9	Champa	0.00%	100.00%	0.00%	0.00%	789	774	781
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	774	760	766
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	753	774
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	785	748	768
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	789	767	779
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	789	752	775
	15	Indore	0.00%	100.00%	0.00%	0.00%	787	749	770
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	793	764	780
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	755	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	776	754	766
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	798	762	786
	20	New Parli	0.00%	100.00%	0.00%	0.00%	796	760	780
	21	Padghe	0.00%	100.00%	0.00%	0.00%	795	750	774
	22	Pune	0.00%	100.00%	0.00%	0.00%	795	746	775
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	785	771	778
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	783	770	776
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	791	770	780
	26	Sasan	0.00%	100.00%	0.00%	0.00%	782	764	774
	27	Satna	0.00%	100.00%	0.00%	0.00%	788	765	778
	28	Seoni	0.00%	100.00%	0.00%	0.00%	781	752	767
	29	Sipat	0.00%	100.00%	0.00%	0.00%	775	759	767
	30	Solapur	0.00%	100.00%	0.00%	0.00%	798	744	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	786	772	779
	32	Tirora	0.00%	100.00%	0.00%	0.00%	769	755	763
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	789	748	774
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	786	766	777
	35	Wardha	0.00%	100.00%	0.00%	0.00%	788	756	771
	36	Warora	0.00%	100.00%	0.00%	0.00%	792	762	777
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	798	763	778
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	798	757	779
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	788	746	769
	4	Maheshwaram	0.00%	98.19%	1.81%	1.81%	802	759	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	749	769
	6	Nizamabad	0.00%	93.96%	6.04%	6.04%	800	760	781
	7	Raichur	0.00%	100.00%	0.00%	0.00%	792	752	774
	8	Srikakulam	0.00%	97.99%	2.01%	2.01%	801	767	785
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	784	747	768
	10	Vemagiri	0.00%	85.07%	14.93%	14.93%	801	771	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	764	776
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	780	769	776
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	776	784
	5	Medininpur	0.00%	100.00%	0.00%	0.00%	782	748	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	775	735	759
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	790	764	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	770	742	757
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%	411	393	402
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	419	398	409
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	416	399	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	400	410
	6	Bymihat/killing	0.00%	100.00%	0.00%	0.00%	420	403	412
	7	Imphal	0.00%	100.00%	0.00%	0.00%	413	397	406
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	394	403
	9	Misa	0.00%	100.00%	0.00%	0.00%	411	393	404
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	418	398	407
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	413	397	406
	12	Palatana	0.00%	100.00%	0.00%	0.00%	413	404	409
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	399	406
	14	Ranganadi	0.00%	99.93%	0.00%	0.00%	420	400	410
	15	Silchar	0.00%	100.00%	0.00%	0.00%	417	400	410
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	409	399	405

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