

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

Date of Reporting: **01-01-2023**  
System Reliability Indices Report for: **31-12-2022**

**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 31-12-2022**

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%	788	746	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	746	771
	3	Ajmer	0.00%	98.82%	1.18%	1.18%	802	751	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	747	778
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	757	763
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	756	761
	7	Anta	0.00%	100.00%	0.00%	0.00%	795	754	779
	8	Ballia	0.00%	100.00%	0.00%	0.00%	787	753	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	787	765	775
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	799	756	780
	11	Bhadla	0.07%	99.93%	0.00%	0.07%	799	727	779
	12	Bhadla II	0.00%	99.58%	0.42%	0.42%	804	752	781
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	754	783
	14	Bikaner	0.00%	99.10%	0.90%	0.90%	803	751	779
	15	Chittorgarh	0.00%	99.03%	0.97%	0.97%	802	755	783
	16	Fatehgarh II	0.00%	99.17%	0.83%	0.83%	805	746	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	750	768
	18	Greater Noida	0.00%	99.44%	0.56%	0.56%	802	758	784
	19	Hapur	0.00%	99.72%	0.28%	0.28%	801	754	782
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	751	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	748	772
	22	Khetri	0.00%	98.68%	1.32%	1.32%	802	752	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	789	748	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	746	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	750	776
	26	Mainpuri	0.00%	99.65%	0.35%	0.35%	801	758	782
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	753	781
	28	Moga	0.00%	97.78%	2.22%	2.22%	808	747	771
	29	Orai	0.00%	100.00%	0.00%	0.00%	800	762	785
	30	Phagi	0.00%	99.65%	0.35%	0.35%	801	741	779
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	739	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	759	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	751	771
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	788	741	769
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	793	757	780
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	742	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	787	748	772
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	779	751	768
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	758	771
	8	Bina	0.00%	100.00%	0.00%	0.00%	796	753	777
	9	Champa	0.00%	76.04%	23.96%	23.96%	806	774	792
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	761	772
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	744	772
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	790	749	769
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	792	763	780
	14	Gwalior	0.00%	99.51%	0.49%	0.49%	800	755	781
	15	Indore	0.00%	100.00%	0.00%	0.00%	791	743	771
	16	Jabalpur	0.00%	99.51%	0.49%	0.49%	802	763	784
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	747	773
	18	Koradi	0.00%	100.00%	0.00%	0.00%	774	748	763
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	795	759	781
	20	New Parli	0.00%	100.00%	0.00%	0.00%	795	747	776
	21	Padghe	0.00%	100.00%	0.00%	0.00%	795	747	777
	22	Pune	0.00%	100.00%	0.00%	0.00%	799	749	777
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	773	787
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	771	785
	25	Rajnandgaon	0.00%	91.81%	8.19%	8.19%	803	768	787
	26	Sasan	0.00%	100.00%	0.00%	0.00%	787	764	776
	27	Satna	0.00%	100.00%	0.00%	0.00%	797	764	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	791	748	771
	29	Sipat	0.00%	100.00%	0.00%	0.00%	784	761	773
	30	Solapur	0.00%	100.00%	0.00%	0.00%	798	750	779
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	798	774	786
	32	Tirora	0.00%	100.00%	0.00%	0.00%	771	2	762
	33	Vadodara	0.00%	99.72%	0.28%	0.28%	801	746	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	768	780
	35	Wardha	0.00%	100.00%	0.00%	0.00%	794	748	774
	36	Warora	0.00%	100.00%	0.00%	0.00%	793	752	775
SR	1	Chillakaluripta	0.00%	100.00%	0.00%	0.00%	797	742	774
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	798	748	779
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	795	742	772
	4	Maheshwaram	0.00%	97.36%	2.64%	2.64%	804	744	776
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	746	771
	6	Nizamabad	0.00%	97.15%	2.85%	2.85%	805	749	781
	7	Raichur	0.00%	100.00%	0.00%	0.00%	793	742	774
	8	Srikakulam	0.00%	83.61%	16.39%	16.39%	801	752	782
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	778	745	763
	10	Vemagiri	0.00%	99.93%	0.07%	0.07%	800	745	778
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	799	765	783
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	789	769	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	786	755	771
	4	Jharsuguda	0.00%	94.44%	5.56%	5.56%	802	775	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	781	747	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	773	740	758
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	772	742	758
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	412	405	409
	2	Balipara	0.00%	100.00%	0.00%	0.00%	412	395	405
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	419	399	409
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	415	402	410
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	419	404	412
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	418	403	411
	7	Imphal	0.00%	100.00%	0.00%	0.00%	415	400	409
	8	Kameng	0.00%	100.00%	0.00%	0.00%	414	396	406
	9	Misa	0.00%	100.00%	0.00%	0.00%	413	399	407
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	416	399	409
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	414	400	408
	12	Palatana	0.00%	100.00%	0.00%	0.00%	410	403	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	407	397	402
	14	Ranganadi	0.00%	72.57%	27.43%	27.43%	425	405	416
	15	Silchar	0.00%	100.00%	0.00%	0.00%	416	401	409
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	406	397	401

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