

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

Date of Reporting: 01-05-2023  
System Reliability Indices Report for: 30-04-2023

**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 30-04-2023**

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%	789	762	778
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	783	762	777
	3	Ajmer	0.00%	97.57%	2.43%	2.43%	805	775	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	790	767	780
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	775	759	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	757	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	797	778	788
	8	Ballia	0.00%	100.00%	0.00%	0.00%	784	753	769
	9	Bara	0.00%	100.00%	0.00%	0.00%	784	766	776
	10	Bareilly	0.00%	94.93%	5.07%	5.07%	804	766	784
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	794	753	777
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	799	757	777
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	775	788
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	759	778
	15	Chittorgarh	0.00%	94.17%	5.83%	5.83%	806	775	788
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	750	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	754	771
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	772	785
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	759	778
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	792	767	782
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	761	778
	22	Khetri	0.00%	100.00%	0.00%	0.00%	796	762	782
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	792	767	782
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	754	765
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	757	778
	26	Mainpuri	0.00%	98.47%	1.53%	1.53%	803	772	789
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	767	784
	28	Moga	0.00%	100.00%	0.00%	0.00%	795	761	775
	29	Orai	0.00%	99.38%	0.63%	0.63%	804	765	788
	30	Phagi	0.00%	99.93%	0.07%	0.07%	800	772	785
	31	Unnao	0.00%	100.00%	0.00%	0.00%	794	756	777
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	769	780
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	765	765	765
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	766	782
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	797	776	785
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	764	778
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	791	768	779
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	782	761	772
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	765	776
	8	Bina	0.00%	99.93%	0.07%	0.07%	801	766	785
	9	Champa	0.00%	78.89%	21.11%	21.11%	807	781	795
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	790	780
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	769	782
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	788	773	780
	13	Gadarwara	0.00%	82.71%	17.29%	17.29%	807	775	792
	14	Gwalior	0.00%	97.64%	2.36%	2.36%	801	771	788
	15	Indore	0.00%	100.00%	0.00%	0.00%	795	764	780
	16	Jabalpur	0.00%	66.80%	33.40%	33.40%	811	777	795
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	766	780
	18	Koradi	0.00%	100.00%	0.00%	0.00%	785	770	776
	19	Lakadia	0.00%	99.86%	0.14%	0.14%	801	778	789
	20	New Parli	0.00%	97.22%	2.78%	2.78%	803	772	788
	21	Padghe	0.00%	100.00%	0.00%	0.00%	786	779	783
	22	Pune	0.00%	98.89%	1.11%	1.11%	802	761	777
	23	Raigarh Pooling	0.00%	99.93%	0.07%	0.07%	801	780	791
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	779	790
	25	Rajnandgaon	0.00%	93.89%	6.11%	6.11%	804	777	792
	26	Sasan	0.00%	100.00%	0.00%	0.00%	792	777	784
	27	Satna	0.00%	94.03%	5.97%	5.97%	803	777	791
	28	Seoni	0.00%	100.00%	0.00%	0.00%	785	785	785
	29	Sipat	0.00%	100.00%	0.00%	0.00%	786	768	777
	30	Solapur	0.00%	95.35%	4.65%	4.65%	806	773	789
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	799	780	791
	32	Tirora	0.00%	100.00%	0.00%	0.00%	779	766	772
	33	Vadodara	0.00%	93.06%	6.94%	6.94%	803	780	791
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	778	788
	35	Wardha	0.00%	97.29%	2.71%	2.71%	802	768	787
	36	Warora	0.00%	99.58%	0.42%	0.42%	801	769	788
SR	1	Chillakaluripeta	0.00%	99.17%	0.83%	0.83%	801	770	786
	2	Cuddapah	0.00%	80.21%	19.79%	19.79%	808	772	790
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	796	762	779
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	796	766	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	768	782
	6	Nizamabad	0.00%	77.71%	22.29%	22.29%	808	778	794
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	767	783
	8	Srikakulam	0.00%	99.93%	0.07%	0.07%	800	761	785
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	769	783
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	785	785	785
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	754	774
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	788	767	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	761	772
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	775	788
	5	Medininpur	0.00%	100.00%	0.00%	0.00%	791	763	775
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	790	753	768
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	797	779	787
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	791	748	769
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	407	403	405
	2	Balipara	0.00%	100.00%	0.00%	0.00%	407	398	403
	3	Biswanath Chariali	0.07%	99.93%	0.00%	0.07%	406	372	400
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	411	405	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	415	407	411
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	417	407	412
	7	Imphal	0.00%	100.00%	0.00%	0.00%	414	400	407
	8	Kameng	0.00%	100.00%	0.00%	0.00%	408	398	403
	9	Misa	0.00%	100.00%	0.00%	0.00%	410	399	405
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	416	398	407
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	414	399	405
	12	Palatana	0.00%	100.00%	0.00%	0.00%	412	405	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	401	405
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	415	404	409
	15	Silchar	0.00%	100.00%	0.00%	0.00%	416	404	410
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	408	400	403

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