

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

System Reliability Indices Report for the week from
23-Oct-2023 to 29-Oct-2023

Date: 3-Nov-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	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria 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
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the week from 23-Oct-2023 to 29-Oct-2023

Region		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%	793	748	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	748	775
	3	Ajmer	0.00%	99.89%	0.11%	0.00%	802	752	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	748	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	765	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	762	770
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	759	776
	9	Bara	0.00%	100.00%	0.00%	0.00%	784	765	775
	10	Barilly	0.00%	100.00%	0.00%	0.00%	794	748	776
	11	Bhadra	0.00%	100.00%	0.00%	0.00%	793	754	774
	12	Bhadra II	0.00%	100.00%	0.00%	0.00%	794	752	774
	13	Bhawan	0.00%	100.00%	0.00%	0.00%	800	763	784
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	758	774
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	797	749	776
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	746	773
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	746	770
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	797	750	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	799	741	775
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	756	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	754	776
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	755	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	798	753	777
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	747	763
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	787	760	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	789	747	773
	27	Meerut	0.00%	99.96%	0.04%	0.00%	802	754	781
	28	Moga	0.00%	100.00%	0.00%	0.00%	798	755	774
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	764	787
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	755	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	778	750	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	765	778
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	754
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	753	775
3		Banaskantha	0.00%	99.97%	0.03%	0.03%	800	755	784
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	749	768
5		Bhuj	0.00%	100.00%	0.00%	0.00%	794	746	775
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	789	748	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	780	763	771
8		Bina	0.00%	100.00%	0.00%	0.00%	792	756	776
9		Champa	0.00%	100.00%	0.00%	0.00%	799	776	786
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	770	777
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	790	749	770
13		Gadawara	0.00%	100.00%	0.00%	0.00%	792	766	782
14		Gwalior	0.00%	100.00%	0.00%	0.00%	795	763	782
15		Indore	0.00%	100.00%	0.00%	0.00%	791	749	771
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	797	769	784
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	752	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	781	754	770
19		Lakadia	0.00%	98.67%	1.33%	1.33%	804	756	784
20		New Parli	0.00%	99.98%	0.02%	0.02%	801	758	781
21		Padghe	0.00%	99.75%	0.25%	0.25%	804	745	776
22		Pune	0.00%	99.69%	0.31%	0.31%	805	741	775
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	777	784
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	775	783
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	798	772	785
26		Sasan	0.00%	100.00%	0.00%	0.00%	787	769	779
27		Satna	0.00%	100.00%	0.00%	0.00%	794	770	783
28		Seoni	0.00%	100.00%	0.00%	0.00%	787	756	772
29		Sipat	0.00%	100.00%	0.00%	0.00%	780	764	772
30		Solapur	0.00%	99.90%	0.10%	0.10%	803	759	783
31		Tammer	0.00%	100.00%	0.00%	0.00%	790	775	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	777	756	768
33		Vadodara	0.00%	99.94%	0.06%	0.06%	800	746	778
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	773	782
35		Wardha	0.00%	100.00%	0.00%	0.00%	795	756	778
36		Warora	0.00%	100.00%	0.00%	0.00%	795	763	780
SR	1	Chilakaluripeta	0.00%	99.64%	0.36%	0.36%	802	759	783
	2	Cuddapah	0.00%	93.39%	6.61%	6.61%	808	755	785
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	795	750	775
	4	Maheshwaram	0.00%	88.88%	11.12%	11.12%	812	765	788
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	788	748	770
	6	Nizamabad	0.00%	88.59%	11.41%	11.41%	811	767	789
	7	Raichur	0.00%	100.00%	0.00%	0.00%	797	754	778
	8	Srikakulam	0.00%	98.77%	1.23%	1.23%	804	766	789
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	792	744	772
	10	Vemagiri	0.00%	99.19%	0.81%	0.81%	800	764	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	770	785
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	788	776	782
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	758	772
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	781	791
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	778	754	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	766	740	756
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	790	770	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	779	749	765
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	404
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	400	410
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	409
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	412
	6	Byrihat/Killing (400 kV)	0.00%	99.99%	0.00%	0.00%	420	403	413
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	390	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	404	412
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	403

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