

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
06-Nov-2023 to 12-Nov-2023

Date: 17-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 06-Nov-2023 to 12-Nov-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%	800	750	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	800	750	779
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	757	779
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	792	746	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	766	772
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	763	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	764	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	795	754	773
	10	Barilly	0.00%	100.00%	0.00%	0.00%	798	750	779
	11	Bhadsa	0.00%	100.00%	0.00%	0.00%	790	759	773
	12	Bhadsa II	0.00%	100.00%	0.00%	0.00%	791	758	774
	13	Bhivani	0.00%	99.16%	0.84%	0.84%	802	766	783
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	760	774
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	799	753	779
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	785	757	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	748	769
	18	Greater Noida	0.00%	99.97%	0.03%	0.03%	800	752	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	796	746	779
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	796	756	777
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	754	773
	22	Khetri	0.00%	99.97%	0.03%	0.03%	802	757	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	755	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	775	738	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	756	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	791	746	767
	27	Meerut	0.00%	99.84%	0.16%	0.16%	804	756	781
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	739	771
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	761	783
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	759	778
	31	Unnao	0.00%	100.00%	0.00%	0.00%	779	749	766
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	792	764	776
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	799	749	777
3		Banaskantha	0.00%	99.80%	0.20%	0.20%	801	763	785
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	746	769
5		Bhuj	0.00%	100.00%	0.00%	0.00%	790	755	776
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	754	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	758	773
8		Bina	0.00%	100.00%	0.00%	0.00%	794	759	775
9		Champa	0.00%	87.09%	12.91%	12.91%	811	778	794
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	792	764	777
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	750	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	748	769
13		Gadawara	0.00%	99.91%	0.09%	0.09%	801	765	782
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	779
15		Indore	0.00%	100.00%	0.00%	0.00%	794	749	773
16		Jabalpur	0.00%	99.89%	0.11%	0.11%	801	765	783
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	754	776
18		Koradi	0.00%	100.00%	0.00%	0.00%	780	756	770
19		Lakadia	0.00%	100.00%	0.00%	0.00%	799	763	783
20		New Parli	0.00%	99.92%	0.08%	0.08%	801	760	785
21		Padghe	0.00%	99.14%	0.86%	0.86%	804	744	780
22		Pune	0.00%	98.57%	1.43%	1.43%	805	738	779
23		Raigarh Pooling	0.00%	99.90%	0.10%	0.10%	800	775	788
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	773	786
25		Rajnandgaon	0.00%	92.92%	7.08%	7.08%	810	767	790
26		Sasan	0.00%	100.00%	0.00%	0.00%	789	767	777
27		Satna	0.00%	100.00%	0.00%	0.00%	800	766	781
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	755	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	788	761	774
30		Solapur	0.00%	99.81%	1.19%	1.19%	804	752	786
31		Tammer	0.00%	100.00%	0.00%	0.00%	798	772	787
32		Tirora	0.00%	100.00%	0.00%	0.00%	776	759	768
33		Vadodara	0.00%	99.05%	0.95%	0.95%	804	752	779
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	772	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	797	753	779
36		Warora	0.00%	99.45%	0.55%	0.55%	804	755	784
SR	1	Chilakaluripeta	0.00%	91.21%	8.79%	8.79%	811	759	787
	2	Cuddapah	0.00%	92.71%	7.29%	7.29%	810	760	786
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	753	778
	4	Maheshwaram	0.00%	82.46%	17.54%	17.54%	811	762	791
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	753	776
	6	Nizamabad	0.00%	81.69%	18.31%	18.31%	807	760	790
	7	Raichur	0.00%	99.87%	0.13%	0.13%	801	756	782
	8	Srikakulam	0.00%	96.62%	3.38%	3.38%	804	759	787
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	785	747	766
	10	Vemagiri	0.00%	87.05%	12.95%	12.95%	804	760	789
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	754	774
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	785	764	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	785	762	772
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	772	787
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	753	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	781	737	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	769	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	794	748	767
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	399	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	390	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	420	393	409
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	409
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	412
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	429	401	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	406
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	412	396	406
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	396	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404

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