

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
01-Jan-2024 to 07-Jan-2024

Date: 12-Jan-2024

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	66	16.50	9.82
2	ER-NR	0	0.00	0.00
3	Import of NR	10	2.50	1.49
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	32	8.00	4.76
2	ER-NR	0	0.00	0.00
3	Import of NR	3	0.75	0.45
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 01-Jan-2024 to 07-Jan-2024

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%	796	735	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	735	771
	3	Ajmer	0.00%	99.79%	0.21%	0.00%	804	753	777
	4	Aligarh	0.00%	99.88%	0.12%	0.00%	802	735	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	750	763
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	749	762
	7	Anta	0.02%	99.98%	0.00%	0.02%	792	722	773
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	750	766
	10	Barilly	0.00%	100.00%	0.00%	0.00%	796	731	774
	11	Bhadra	0.00%	100.00%	0.00%	0.00%	797	741	772
	12	Bhadra II	0.00%	99.96%	0.04%	0.00%	802	758	776
	13	Bhivani	0.00%	99.92%	0.08%	0.00%	800	742	776
	14	Bikaner	0.00%	99.93%	0.07%	0.00%	804	752	774
	15	Chittorgarh	0.00%	99.95%	0.05%	0.00%	802	755	780
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	794	756	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	739	767
	18	Greater Noida	0.00%	99.84%	0.16%	0.00%	804	739	776
	19	Hapur	0.00%	99.83%	0.17%	0.00%	804	731	774
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	795	738	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	738	770
	22	Khetri	0.00%	99.90%	0.10%	0.00%	808	746	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	738	771
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	780	736	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	740	771
	26	Mainpuri	0.00%	99.88%	0.12%	0.00%	802	741	772
	27	Meerut	0.00%	99.84%	0.16%	0.00%	803	742	776
	28	Moga	0.00%	99.87%	0.13%	0.00%	811	738	766
	29	Orai	0.00%	99.86%	0.14%	0.00%	803	742	779
	30	Phagi	0.00%	99.97%	0.03%	0.00%	801	745	775
	31	Unnao	0.00%	100.00%	0.00%	0.00%	787	731	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	746	771
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	750
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	798	744	773
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	799	760	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	739	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	796	761	778
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	787	754	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	781	746	764
8		Bina	0.00%	100.00%	0.00%	0.00%	796	739	776
9		Champa	0.00%	99.35%	0.65%	0.00%	803	764	783
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	751	766
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	747	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	741	769
13		Gadawara	0.00%	99.96%	0.04%	0.00%	800	756	780
14		Gwalior	0.00%	99.94%	0.06%	0.00%	800	737	779
15		Indore	0.00%	100.00%	0.00%	0.00%	794	741	772
16		Jabalpur	0.00%	98.56%	1.44%	0.00%	803	749	781
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	745	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	779	755	768
19		Lakadia	0.00%	100.00%	0.00%	0.00%	798	761	782
20		New Parli	0.00%	99.32%	0.68%	0.00%	803	752	782
21		Padghe	0.00%	99.39%	0.61%	0.00%	806	747	775
22		Pune	0.00%	99.07%	0.93%	0.00%	808	747	778
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	763	779
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	762	777
25		Rajnandgaon	0.00%	99.93%	0.07%	0.00%	802	756	780
26		Sasan	0.00%	100.00%	0.00%	0.00%	787	755	774
27		Satna	0.00%	100.00%	0.00%	0.00%	797	751	780
28		Seoni	0.00%	100.00%	0.00%	0.00%	790	740	768
29		Sipat	0.00%	100.00%	0.00%	0.00%	779	749	765
30		Solapur	0.00%	99.18%	0.82%	0.00%	805	765	794
31		Tammer	0.00%	100.00%	0.00%	0.00%	794	764	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	774	756	765
33		Vadodara	0.00%	100.00%	0.00%	0.00%	797	748	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	759	778
35		Wardha	0.00%	100.00%	0.00%	0.00%	789	742	774
36		Warora	0.00%	99.97%	0.03%	0.00%	800	745	778
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	799	735	772
	2	Cuddapah	0.00%	94.85%	5.15%	0.00%	806	745	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	738	776
	4	Maheshwaram	0.00%	83.72%	16.28%	0.00%	810	741	786
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	741	773
	6	Nizamabad	0.00%	72.84%	27.16%	0.00%	811	741	788
	7	Raichur	0.00%	99.90%	0.10%	0.00%	801	744	779
	8	Srikakulam	0.00%	99.99%	0.01%	0.00%	800	743	779
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	792	732	770
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	741	773
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	747	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	790	764	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	786	741	767
	4	Jharsuguda	0.00%	99.98%	0.02%	0.00%	800	766	783
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	786	746	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	733	758
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	761	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	773	735	760
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	429	397	412
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	400	410
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	400	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	393	401
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	424	397	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	401

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