

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
22-Jan-2024 to 28-Jan-2024

Date: 2-Feb-2024

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 22-Jan-2024 to 28-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%	793	739	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	739	770
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	796	746	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	740	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	752	761
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	751	760
	7	Anta	0.00%	100.00%	0.00%	0.00%	791	755	776
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	755	767
	10	Barilly	0.00%	99.94%	0.06%	0.06%	800	736	773
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	790	747	772
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	800	754	776
	13	Bhivani	0.00%	99.77%	0.23%	0.23%	802	745	778
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	799	748	775
	15	Chittorgarh	0.00%	99.95%	0.05%	0.05%	801	754	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	754	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	741	766
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	746	776
	19	Hapur	0.00%	99.77%	0.23%	0.23%	803	743	773
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	793	739	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	740	770
	22	Khetri	0.00%	100.00%	0.00%	0.00%	798	743	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	794	744	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	743	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	742	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	797	744	770
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	747	775
	28	Moga	0.00%	99.86%	0.14%	0.14%	804	734	768
	29	Orai	0.00%	99.96%	0.04%	0.04%	832	750	780
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	747	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	787	731	759
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	751	771
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	797	752	779
3		Banaskantha	0.00%	99.86%	0.14%	0.14%	801	766	787
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	744	768
5		Bhuj	0.00%	99.99%	0.01%	0.01%	800	763	783
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	791	757	774
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	780	754	769
8		Bina	0.00%	100.00%	0.00%	0.00%	796	750	776
9		Champa	0.00%	100.00%	0.00%	0.00%	800	772	786
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	762	773
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	752	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	789	743	769
13		Gadawara	0.00%	100.00%	0.00%	0.00%	795	766	782
14		Gwalior	0.00%	100.00%	0.00%	0.00%	799	751	779
15		Indore	0.00%	100.00%	0.00%	0.00%	790	750	772
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	760	782
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	755	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	780	755	767
19		Lakadia	0.00%	99.94%	0.06%	0.06%	801	765	786
20		New Parli	0.00%	99.60%	0.40%	0.40%	802	758	781
21		Padghe	0.00%	99.90%	0.10%	0.10%	803	748	781
22		Pune	0.00%	99.14%	0.86%	0.86%	806	744	782
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	771	782
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	770	780
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	798	767	785
26		Sasan	0.00%	100.00%	0.00%	0.00%	789	761	776
27		Satna	0.00%	100.00%	0.00%	0.00%	799	760	781
28		Seoni	0.00%	100.00%	0.00%	0.00%	790	753	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	780	758	770
30		Solapur	0.00%	97.39%	2.61%	2.61%	805	754	795
31		Tammer	0.00%	100.00%	0.00%	0.00%	790	769	783
32		Tirora	0.00%	100.00%	0.00%	0.00%	775	755	764
33		Vadodara	0.00%	100.00%	0.00%	0.00%	795	748	779
34		Vindhychal PS	0.00%	100.00%	0.00%	0.00%	794	765	780
35		Wardha	0.00%	100.00%	0.00%	0.00%	800	760	783
36		Warora	0.00%	100.00%	0.00%	0.00%	798	760	782
SR	1	Chilakaluripeta	0.00%	98.40%	1.60%	1.60%	805	749	779
	2	Cuddapah	0.00%	94.32%	5.68%	5.68%	811	752	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	800	741	774
	4	Maheshwaram	0.00%	91.37%	8.63%	8.63%	813	750	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	746	772
	6	Nizamabad	0.00%	84.32%	15.68%	15.68%	816	758	787
	7	Raichur	0.00%	99.98%	0.02%	0.02%	801	748	777
	8	Srikakulam	0.00%	94.44%	5.56%	5.56%	807	757	785
	9	Thiruvalem	0.00%	99.83%	0.17%	0.17%	802	739	776
	10	Vemagiri	0.00%	93.28%	6.72%	6.72%	809	754	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	790	757	776
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	784	765	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	787	747	767
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	771	783
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	743	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	783	732	759
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	758	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	773	737	757
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	404
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	6	Byrihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	404	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	406
	13	PK Beni	0.00%	100.00%	0.00%	0.00%	411	388	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	400	412
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	400

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