

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
15-Apr-2024 to 21-Apr-2024

Date: 26-Apr-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	2	0.50	0.30
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 15-Apr-2024 to 21-Apr-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%	790	752	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	752	770
	3	Ajmer	0.00%	99.10%	0.90%	0.00%	806	758	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	760	776
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	757	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	757	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	798	769	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	785	757	767
	10	Barilly	0.00%	99.52%	0.48%	0.48%	803	750	774
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	792	739	780
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	793	733	780
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	799	767	783
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	794	742	780
	15	Chittorgarh	0.00%	98.77%	1.23%	1.23%	805	764	782
	16	Fatehgarh II	0.02%	99.98%	0.00%	0.02%	793	725	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	741	766
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	761	779
	19	Hapur	0.00%	100.00%	0.00%	0.00%	793	750	771
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	791	759	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	753	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	795	747	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	760	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	776	748	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	793	744	767
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	791	743	766
	27	Meerut	0.00%	100.00%	0.00%	0.00%	797	762	779
	28	Moga	0.00%	99.89%	0.11%	0.11%	803	759	780
	29	Orai	0.00%	99.56%	0.44%	0.44%	803	772	787
	30	Phagi	0.00%	99.88%	0.12%	0.12%	802	761	782
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	738	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	793	747	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	788	754
2		Aurangabad	0.00%	99.65%	0.35%	0.35%	804	755	780
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	798	761	783
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	753	770
5		Bhuj	0.00%	100.00%	0.00%	0.00%	792	750	776
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	785	749	770
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	784	760	771
8		Bina	0.00%	100.00%	0.00%	0.00%	794	770	781
9		Champa	0.00%	96.18%	3.82%	3.82%	807	783	795
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	761	773
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	744	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	791	748	770
13		Gadawara	0.00%	100.00%	0.00%	0.00%	798	769	783
14		Gwalior	0.00%	100.00%	0.00%	0.00%	800	788	783
15		Indore	0.00%	100.00%	0.00%	0.00%	790	752	772
16		Jabalpur	0.00%	99.95%	0.05%	0.05%	802	777	788
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	748	771
18		Koradi	0.00%	100.00%	0.00%	0.00%	777	752	763
19		Lakadia	0.00%	100.00%	0.00%	0.00%	800	757	784
20		New Parli	0.00%	98.42%	1.58%	1.58%	808	760	783
21		Padghe	0.00%	99.99%	0.01%	0.01%	801	743	772
22		Pune	0.00%	99.89%	0.11%	0.11%	804	744	771
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	778	787
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	777	785
25		Rajnandgaon	0.00%	99.83%	0.17%	0.17%	807	775	789
26		Sasan	0.00%	100.00%	0.00%	0.00%	788	769	777
27		Satna	0.00%	100.00%	0.00%	0.00%	798	774	784
28		Seoni	0.00%	100.00%	0.00%	0.00%	794	761	777
29		Sipat	0.00%	100.00%	0.00%	0.00%	782	762	772
30		Solapur	0.00%	99.85%	1.15%	1.15%	808	760	784
31		Tamner	0.00%	100.00%	0.00%	0.00%	796	778	786
32		Tirora	0.00%	100.00%	0.00%	0.00%	775	754	762
33		Vadodara	0.00%	99.90%	0.10%	0.10%	801	751	782
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	771	780
35		Wardha	0.00%	99.92%	0.08%	0.08%	807	764	783
36		Warora	0.00%	99.96%	0.04%	0.04%	801	758	780
SR	1	Chilakaluripeta	0.00%	99.38%	0.62%	0.62%	811	766	785
	2	Cuddapah	0.00%	98.86%	1.14%	1.14%	808	759	784
	3	Kurnool	0.00%	99.92%	0.08%	0.08%	803	757	778
	4	Maheshwaram	0.00%	99.37%	0.63%	0.63%	814	763	784
	5	Nellore PS	0.00%	99.85%	0.15%	0.15%	805	755	777
	6	Nizamabad	0.00%	97.76%	2.24%	2.24%	817	766	787
	7	Raichur	0.00%	99.95%	0.05%	0.05%	801	759	778
	8	Srikakulam	0.00%	99.39%	0.61%	0.61%	810	755	784
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	792	745	771
	10	Vemagiri	0.00%	99.35%	0.65%	0.65%	813	762	786
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	800	756	780
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	792	770	781
	3	Gaya	0.00%	100.00%	0.00%	0.00%	782	751	765
	4	Jharsuguda	0.00%	99.77%	0.23%	0.23%	803	777	791
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	795	754	775
	6	New Jeerat	0.00%	99.99%	0.01%	0.01%	800	744	771
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	768	782
	8	Sasaram	0.00%	99.20%	0.80%	0.80%	806	743	761
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	391	406
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	408
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	392	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	405
	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%	415	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	405
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	415	391	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	398	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	396	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	414	392	402

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