

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-Apr-2024 to 07-Apr-2024

Date: 12-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	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-Apr-2024 to 07-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%	787	759	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	759	773
	3	Ajmer	0.00%	99.40%	0.60%	0.00%	803	756	785
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	764	780
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	759	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	758	765
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	768	779
	9	Bara	0.00%	100.00%	0.00%	0.00%	784	759	769
	10	Barilly	0.00%	99.64%	0.36%	0.00%	802	763	772
	11	Bhadia	0.04%	99.96%	0.00%	0.04%	794	744	775
	12	Bhadia II	0.01%	99.99%	0.00%	0.01%	792	722	775
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	797	768	784
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	730	775
	15	Chittorgarh	0.00%	98.89%	1.11%	1.11%	805	761	788
	16	Fatehgarh II	0.01%	99.98%	0.01%	0.02%	802	717	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	749	776
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	766	783
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	753	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	793	757	779
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	759	776
	22	Khetri	0.00%	100.00%	0.00%	0.00%	795	744	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	793	756	777
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	748	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	796	751	771
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	793	740	771
	27	Meerut	0.00%	100.00%	0.00%	0.00%	797	758	781
	28	Moga	0.00%	100.00%	0.00%	0.00%	795	751	774
	29	Orai	0.00%	99.82%	0.18%	0.18%	802	780	791
	30	Phagi	0.00%	99.98%	0.02%	0.02%	800	765	782
	31	Unnao	0.00%	100.00%	0.00%	0.00%	793	745	762
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	763	776
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	782	756
2		Aurangabad	0.00%	99.95%	0.05%	0.05%	805	761	781
3		Banaskantha	0.00%	99.81%	0.19%	0.19%	801	767	788
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	774
5		Bhuj	0.00%	100.00%	0.00%	0.00%	793	757	780
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	757	775
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	778	760	768
8		Bina	0.00%	100.00%	0.00%	0.00%	793	772	783
9		Champa	0.00%	100.00%	0.00%	0.00%	795	774	786
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	777	762	770
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	755	776
12		Ektuni	0.00%	100.00%	0.00%	0.00%	783	751	769
13		Gadawara	0.00%	100.00%	0.00%	0.00%	794	767	783
14		Gwalior	0.00%	100.00%	0.00%	0.00%	800	752	781
15		Indore	0.00%	100.00%	0.00%	0.00%	792	756	775
16		Jabalpur	0.00%	100.00%	0.00%	0.00%	798	775	788
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	754	773
18		Koradi	0.00%	100.00%	0.00%	0.00%	775	756	766
19		Lakadia	0.00%	98.51%	1.49%	1.49%	806	765	787
20		New Parli	0.00%	99.80%	0.20%	0.20%	804	763	782
21		Padghe	0.00%	99.89%	0.11%	0.11%	806	742	775
22		Pune	0.00%	99.90%	0.10%	0.10%	805	745	776
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	790	773	782
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	788	772	780
25		Rajnandgaon	0.00%	100.00%	0.00%	0.00%	797	772	784
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	771	778
27		Satna	0.00%	100.00%	0.00%	0.00%	795	778	786
28		Seoni	0.00%	100.00%	0.00%	0.00%	792	762	776
29		Sipat	0.00%	100.00%	0.00%	0.00%	779	762	770
30		Solapur	0.00%	99.44%	0.56%	0.56%	808	765	784
31		Tamner	0.00%	100.00%	0.00%	0.00%	789	773	781
32		Tirora	0.00%	100.00%	0.00%	0.00%	772	755	764
33		Vadodara	0.00%	96.19%	3.81%	3.81%	805	755	783
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	773	780
35		Wardha	0.00%	99.96%	0.04%	0.04%	800	764	781
36		Warora	0.00%	100.00%	0.00%	0.00%	798	759	777
SR	1	Chilakaluripeta	0.00%	98.20%	1.80%	1.80%	812	763	784
	2	Cuddapah	0.00%	96.73%	3.27%	3.27%	809	765	786
	3	Kurnool	0.00%	99.45%	0.55%	0.55%	808	754	780
	4	Maheshwaram	0.00%	96.81%	3.19%	3.19%	815	760	784
	5	Nellore PS	0.00%	99.99%	0.01%	0.01%	801	755	774
	6	Nizamabad	0.00%	91.83%	8.17%	8.17%	817	761	786
	7	Raichur	0.00%	99.83%	0.17%	0.17%	805	755	778
	8	Srikakulam	0.00%	99.72%	0.28%	0.28%	804	758	780
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	751	774
	10	Vemagiri	0.00%	98.29%	1.71%	1.71%	808	763	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	757	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	783	768	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	756	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	775	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	797	749	773
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	794	740	767
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	784	753	767
NER	1	Azara/Mirza (400 kV)	0.01%	99.99%	0.00%	0.01%	410	402	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	391	401
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	404
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	408
	6	Byrnhat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	406	408
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	406	399	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	408
	13	PK Bari	0.07%	99.93%	0.00%	0.07%	418	380	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	399	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.07%	99.93%	0.00%	0.07%	419	360	404

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