

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
25-Mar-2024 to 31-Mar-2024

Date: 5-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 25-Mar-2024 to 31-Mar-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	753	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	753	773
	3	Ajmer	0.00%	99.53%	0.47%	0.00%	804	758	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	797	760	779
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	764	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	762	769
	7	Anta	0.01%	99.99%	0.00%	0.01%	795	717	777
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	762	772
	10	Barilly	0.00%	99.93%	0.07%	0.00%	801	761	782
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	790	743	774
	12	Bhadia II	0.00%	100.00%	0.00%	0.00%	796	748	774
	13	Bhivani	0.00%	99.47%	0.53%	0.00%	804	765	785
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	797	750	774
	15	Chittorgarh	0.00%	99.79%	0.21%	0.00%	803	760	784
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	790	744	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	753	773
	18	Greater Noida	0.00%	99.96%	0.04%	0.00%	800	761	782
	19	Hapur	0.00%	100.00%	0.00%	0.00%	794	751	776
	20	Jhatkara	0.00%	99.99%	0.01%	0.01%	801	757	780
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	757	776
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	754	779
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	755	777
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	770	749	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	755	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	784	743	766
	27	Meerut	0.00%	99.89%	0.12%	0.00%	801	755	781
	28	Moga	0.00%	99.82%	0.18%	0.00%	803	754	775
	29	Orai	0.00%	99.75%	0.25%	0.00%	803	775	790
	30	Phagi	0.02%	99.98%	0.00%	0.02%	799	721	782
	31	Unnao	0.00%	100.00%	0.00%	0.00%	787	756	771
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	765	777
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	758
2		Aurangabad	0.00%	99.99%	0.01%	0.00%	800	757	778
3		Banaskantha	0.00%	99.99%	0.01%	0.01%	800	760	784
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	793	746	776
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	786	745	772
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	783	756	767
8		Bina	0.00%	100.00%	0.00%	0.00%	794	770	781
9		Champa	0.00%	99.93%	0.07%	0.07%	800	761	785
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	761	770
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	754	777
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	750	772
13		Gadawara	0.00%	100.00%	0.00%	0.00%	794	769	783
14		Gwalior	0.00%	100.00%	0.00%	0.00%	797	754	785
15		Indore	0.00%	100.00%	0.00%	0.00%	791	754	777
16		Jabalpur	0.00%	99.99%	0.01%	0.01%	800	776	787
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	793	754	777
18		Koradi	0.00%	100.00%	0.00%	0.00%	783	758	770
19		Lakadia	0.00%	100.00%	0.00%	0.00%	799	759	782
20		New Parli	0.00%	99.23%	0.77%	0.77%	803	763	781
21		Padghe	0.00%	99.95%	0.05%	0.05%	801	738	774
22		Pune	0.00%	99.27%	0.73%	0.73%	808	746	776
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	769	782
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	767	780
25		Rajnandgaon	0.00%	99.25%	0.75%	0.75%	803	769	783
26		Sasan	0.00%	100.00%	0.00%	0.00%	786	771	778
27		Satna	0.00%	100.00%	0.00%	0.00%	797	776	785
28		Seoni	0.00%	100.00%	0.00%	0.00%	793	759	774
29		Sipat	0.00%	100.00%	0.00%	0.00%	785	759	769
30		Solapur	0.00%	99.78%	0.22%	0.22%	803	764	782
31		Tamner	0.00%	100.00%	0.00%	0.00%	791	768	780
32		Tirora	0.00%	100.00%	0.00%	0.00%	777	758	767
33		Vadodara	0.00%	99.99%	0.01%	0.01%	801	754	780
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	773	780
35		Wardha	0.00%	99.98%	0.02%	0.02%	800	759	779
36		Warora	0.00%	100.00%	0.00%	0.00%	796	758	776
SR	1	Chilakaluripeta	0.00%	98.75%	1.25%	1.25%	811	764	783
	2	Cuddapah	0.00%	99.05%	0.95%	0.95%	810	762	783
	3	Kurnool	0.00%	99.80%	0.20%	0.20%	803	758	776
	4	Maheshwaram	0.00%	96.12%	3.88%	3.88%	812	765	784
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	757	772
	6	Nizamabad	0.00%	90.30%	9.70%	9.70%	814	764	786
	7	Raichur	0.00%	100.00%	0.00%	0.00%	800	756	775
	8	Srikakulam	0.00%	99.94%	0.06%	0.06%	802	761	780
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	794	745	770
	10	Vemagiri	0.00%	99.34%	0.66%	0.66%	808	763	783
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	759	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	786	767	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	780	757	771
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	788	751	770
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	788	737	764
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	763	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	775	750	765
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	405
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	393	401
	3	Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	415	395	405
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	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%	418	404	411
	7	Imphal (400 kV)	0.01%	99.99%	0.00%	0.01%	418	351	407
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	406	399	406
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	491	405
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	388	409
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.01%	99.99%	0.00%	0.01%	411	365	401

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