

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
07-Oct-2024 to 13-Oct-2024

Date: 17-Oct-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	31	7.75	4.61
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	15	3.75	2.23
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 07-Oct-2024 to 13-Oct-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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1	Agra	0.00%	100.00%	0.00%	0.00%	795	752	776
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	752	776
	3	Ajmer	0.00%	99.38%	0.63%	0.63%	803	755	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	750	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	763	770
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	761	768
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	765	785
	9	Bara	0.00%	100.00%	0.00%	0.00%	779	757	767
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	799	757	779
	11	Bhadla	0.01%	99.99%	0.00%	0.01%	791	756	779
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	733	780
	13	Bhwani	0.00%	99.60%	0.40%	0.40%	803	755	785
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	732	782
	15	Chittorgarh I	0.00%	99.47%	0.53%	0.53%	803	762	786
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	794	727	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	801	749	774
	18	Greater Noida	0.00%	99.88%	0.12%	0.12%	801	751	782
	19	Hapur	0.00%	100.00%	0.00%	0.00%	799	747	778
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	797	745	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	754	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	736	781
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	745	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	748	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	788	750	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	792	744	772
	27	Meerut	0.00%	99.25%	0.75%	0.75%	804	747	781
	28	Moga	0.00%	99.61%	0.39%	0.39%	802	748	783
	29	Orai	0.00%	99.59%	0.41%	0.41%	802	774	787
	30	Phagi	0.00%	99.88%	0.12%	0.12%	801	762	785
	31	Umaria	0.00%	100.00%	0.00%	0.00%	782	744	760
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	791	764	777
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	785	751
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	751	776
3		Barnaskantha	0.00%	99.85%	0.15%	0.15%	801	766	787
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	753	771
5		Bhui	0.00%	100.00%	0.00%	0.00%	793	756	779
6		Bhui II	0.00%	100.00%	0.00%	0.00%	785	755	773
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	760	772
8		Bina	0.00%	100.00%	0.00%	0.00%	798	768	782
9		Champa	0.00%	98.87%	1.13%	1.13%	806	762	788
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	765	776
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	754	775
12		Ektuni	0.00%	100.00%	0.00%	0.00%	788	751	770
13		Gadarwara	0.00%	99.05%	0.95%	0.95%	804	774	788
14		Gwalior	0.00%	100.00%	0.00%	0.00%	798	771	784
15		Indore	0.00%	100.00%	0.00%	0.00%	785	751	770
16		Jabalpur	0.00%	98.01%	1.99%	1.99%	807	777	789
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	787	752	773
18		Koradi	0.00%	100.00%	0.00%	0.00%	776	750	763
19		Lakadia	0.00%	99.49%	0.51%	0.51%	802	765	784
20		New Parli	0.00%	100.00%	0.00%	0.00%	797	764	783
21		Padghe	0.00%	100.00%	0.00%	0.00%	795	748	773
22		Pune	0.00%	100.00%	0.00%	0.00%	798	751	775
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	777	785
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	768	783
25		Rajinandgaon	0.00%	99.74%	0.26%	0.26%	803	769	786
26		Sasan	0.00%	100.00%	0.00%	0.00%	791	774	781
27		Satna	0.00%	99.68%	0.32%	0.32%	802	777	787
28		Seoni	0.00%	99.78%	0.22%	0.22%	803	768	785
29		Sipat	0.00%	100.00%	0.00%	0.00%	786	763	773
30		Solapur	0.00%	100.00%	0.00%	0.00%	797	765	783
31		Tamnar	0.00%	100.00%	0.00%	0.00%	791	768	781
32		Tirora	0.00%	100.00%	0.00%	0.00%	772	752	762
33		Vadodara	0.00%	100.00%	0.00%	0.00%	799	751	777
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	776	784
35		Wardha	0.00%	99.97%	0.03%	0.03%	801	767	784
36		Wardha	0.00%	99.60%	0.40%	0.40%	802	767	784
SR	1	Chalakuripeta	0.00%	97.98%	2.02%	2.02%	803	768	788
	2	Cuddapah	0.00%	97.10%	2.90%	2.90%	804	765	787
	3	Kurnool	0.00%	94.82%	5.18%	5.18%	805	765	789
	4	Maheshwaram	0.00%	83.40%	16.60%	16.60%	808	772	793
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	798	766	782
	6	Nizamabad	0.00%	85.37%	14.63%	14.63%	805	775	793
	7	Raichur	0.00%	100.00%	0.00%	0.00%	800	766	785
	8	Srikakulam	0.00%	99.36%	0.64%	0.64%	802	765	787
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	789	752	774
	10	Vemagiri	0.00%	87.86%	12.14%	12.14%	802	771	792
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	759	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	785	769	776
	3	Gaya	0.00%	100.00%	0.00%	0.00%	789	758	773
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	772	785
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	782	757	771
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	776	747	763
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	790	771	781
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	797	745	778
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	406
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	406
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	406	411
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	407	414
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	387	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	413	399	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	408	395	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	406
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	406	395	402

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