

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-Nov-2024 to 01-Dec-2024

Date: 6-Dec-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-Nov-2024 to 01-Dec-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%	797	744	777
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	744	777
	3	Ajmer	0.01%	99.99%	0.00%	0.01%	799	724	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	798	738	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	763	775
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	786	762	774
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	757	777
	9	Bara	0.00%	100.00%	0.00%	0.00%	798	754	774
	10	Bareilly	0.00%	99.76%	0.24%	0.00%	802	743	778
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	795	737	776
	12	Bhadla II	0.01%	99.99%	0.00%	0.01%	793	724	778
	13	Bhwani	0.00%	99.85%	0.15%	0.15%	804	750	782
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	798	738	780
	15	Chittorgarh	0.00%	99.67%	0.33%	0.33%	803	751	781
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	792	723	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	739	789
	18	Greater Noida	0.00%	99.93%	0.07%	0.07%	801	744	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	799	742	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	799	745	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	738	771
	22	Khetri	0.00%	99.99%	0.01%	0.01%	801	740	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	796	743	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	745	763
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	742	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	789	729	767
	27	Meerut	0.00%	99.45%	0.55%	0.55%	802	743	779
	28	Moga	0.00%	99.86%	0.14%	0.14%	804	739	773
	29	Orai	0.00%	95.67%	4.33%	4.33%	805	751	786
	30	Phagi	0.01%	99.99%	0.00%	0.01%	799	726	779
	31	Umaria	0.00%	100.00%	0.00%	0.00%	790	739	769
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	788	751	773
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	750
2		Aurangabad	0.00%	99.95%	0.05%	0.00%	800	746	777
3		Banaskantha	0.00%	99.90%	0.10%	0.10%	801	748	780
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	741	771
5		Bhuj	0.00%	100.00%	0.00%	0.00%	794	747	776
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	787	746	771
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	757	772
8		Bina	0.00%	100.00%	0.00%	0.00%	796	749	779
9		Champa	0.00%	83.96%	16.04%	16.04%	808	774	792
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	760	773
11		Dhule (BDTCL)	0.00%	99.97%	0.03%	0.03%	801	750	778
12		Ektuni	0.00%	100.00%	0.00%	0.00%	793	745	770
13		Gadarwara	0.00%	100.00%	0.00%	0.00%	800	762	784
14		Gwalior	0.00%	99.45%	0.55%	0.55%	800	746	782
15		Indore	0.00%	100.00%	0.00%	0.00%	797	745	773
16		Jabalpur	0.00%	98.25%	1.75%	1.75%	803	760	786
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	797	750	775
18		Koradi	0.00%	100.00%	0.00%	0.00%	782	753	769
19		Lakadia	0.00%	99.96%	0.04%	0.04%	800	752	780
20		New Parli	0.00%	99.92%	0.08%	0.08%	801	757	782
21		Padghe	0.00%	98.35%	1.65%	1.65%	805	749	780
22		Pune	0.00%	90.52%	9.48%	9.48%	807	750	783
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	773	786
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	772	785
25		Rajinandgaon	0.00%	91.95%	8.05%	8.05%	807	740	788
26		Sasan	0.00%	100.00%	0.00%	0.00%	789	759	776
27		Satna	0.00%	100.00%	0.00%	0.00%	798	756	783
28		Seoni	0.00%	99.93%	0.07%	0.07%	801	755	780
29		Sipat	0.00%	100.00%	0.00%	0.00%	787	760	773
30		Solapur	0.00%	99.79%	0.21%	0.21%	803	756	783
31		Tamnar	0.00%	100.00%	0.00%	0.00%	795	771	784
32		Tirora	0.00%	100.00%	0.00%	0.00%	778	753	766
33		Vadodara	0.00%	99.41%	0.59%	0.59%	803	746	779
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	762	779
35		Wardha	0.00%	94.18%	5.82%	5.82%	807	753	783
36		Warora	0.00%	99.40%	0.60%	0.60%	803	759	783
SR	1	Chalakuripeta	0.00%	99.86%	0.14%	0.14%	801	757	782
	2	Cuddapah	0.00%	96.82%	3.18%	3.18%	806	748	782
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	745	775
	4	Maheshwaram	0.00%	99.83%	0.17%	0.17%	803	758	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	748	775
	6	Nizamabad	0.00%	73.13%	26.87%	26.87%	808	765	789
	7	Raichur	0.00%	100.00%	0.00%	0.00%	799	750	779
	8	Srikakulam	0.00%	99.03%	0.97%	0.97%	802	751	781
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	739	771
	10	Vemagiri	0.00%	92.96%	7.04%	7.04%	806	760	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	782	749	768
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	785	763	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	778	746	764
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	770	783
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	782	746	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	777	734	757
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	763	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	785	744	766
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	409
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	405
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	387	407
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	402	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	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	393	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	407
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	395	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	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%	408	395	402

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