

**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**  
**16-Dec-2024 to 22-Dec-2024**

Date: 26-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 16-Dec-2024 to 22-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	741	776
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	741	776
	3	Ajmer	0.00%	99.40%	0.60%	0.00%	803	748	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	794	742	776
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	787	760	775
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	756	772
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	753	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	782	739	770
	10	Bareilly	0.00%	99.56%	0.44%	0.00%	806	740	779
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	793	750	780
	12	Bhadla II	0.00%	99.99%	0.01%	0.00%	800	749	783
	13	Bhwani	0.00%	99.94%	0.06%	0.00%	803	750	782
	14	Bikaner	0.00%	99.99%	0.01%	0.00%	801	749	782
	15	Chittorgarh	0.00%	99.15%	0.85%	0.00%	803	753	784
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	749	778
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	746	781
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	746	781
	19	Hapur	0.00%	99.57%	0.43%	0.00%	802	739	777
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	796	746	778
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	737	771
	22	Khetri	0.00%	99.97%	0.03%	0.00%	804	752	781
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	741	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	743	761
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	795	743	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	785	731	766
	27	Meerut	0.00%	99.76%	0.24%	0.00%	802	743	780
	28	Moga	0.00%	99.83%	0.17%	0.00%	804	735	774
	29	Orai	0.00%	94.53%	5.47%	0.00%	805	756	786
	30	Phagi	0.01%	99.97%	0.02%	0.00%	800	712	780
	31	Ummao	0.00%	100.00%	0.00%	0.00%	784	743	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	749	774
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	796	752	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	741	774
	3	Barasankha	0.00%	93.57%	6.43%	0.00%	805	745	786
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	744	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	797	747	779
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	789	742	773
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	783	750	766
	8	Bina	0.00%	100.00%	0.00%	0.00%	800	750	778
	9	Champa	0.00%	94.29%	5.71%	0.00%	808	767	790
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	754	770
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	745	775
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	794	748	773
	13	Gadarwara	0.00%	98.82%	1.18%	0.00%	802	759	783
	14	Gwalior	0.00%	99.46%	0.54%	0.00%	800	747	782
	15	Indore	0.00%	100.00%	0.00%	0.00%	795	744	772
	16	Jabalpur	0.00%	95.44%	4.56%	0.00%	809	761	786
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	746	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	783	755	770
	19	Lakadia	0.00%	97.39%	2.62%	0.00%	808	751	785
	20	New Parli	0.00%	100.00%	0.00%	0.00%	798	747	780
	21	Padghe	0.00%	99.53%	0.47%	0.00%	802	745	779
	22	Pune	0.00%	98.41%	1.59%	0.00%	803	747	781
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	768	782
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	767	781
	25	Rajinandgaon	0.00%	100.00%	0.00%	0.00%	800	756	781
	26	Sasan	0.00%	100.00%	0.00%	0.00%	789	760	776
	27	Satna	0.00%	99.30%	0.70%	0.00%	800	758	783
	28	Seoni	0.00%	100.00%	0.00%	0.00%	795	750	774
	29	Sipat	0.00%	100.00%	0.00%	0.00%	782	753	766
	30	Solapur	0.00%	100.00%	0.00%	0.00%	798	750	781
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	795	767	781
	32	Tirora	0.00%	100.00%	0.00%	0.00%	779	753	767
	33	Vadodara	0.00%	98.40%	1.60%	0.00%	806	739	781
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	761	779
	35	Wardha	0.00%	100.00%	0.00%	0.00%	793	741	773
	36	Warora	0.00%	100.00%	0.00%	0.00%	796	742	778
SR	1	Chalakuripeta	0.00%	100.00%	0.00%	0.00%	785	734	767
	2	Cuddapah	0.00%	98.92%	1.08%	0.00%	803	746	782
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	797	744	777
	4	Maheshwaram	0.00%	98.72%	1.28%	0.00%	803	746	783
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	749	777
	6	Nizamabad	0.00%	97.88%	2.12%	0.00%	801	743	782
	7	Raichur	0.00%	100.00%	0.00%	0.00%	798	746	779
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	743	778
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	736	771
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	785	739	771
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	792	743	773
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	790	759	775
	3	Gaya	0.00%	100.00%	0.00%	0.00%	784	745	766
	4	Jharsuguda	0.00%	99.87%	0.13%	0.00%	801	767	784
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	776	745	761
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	766	733	750
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	760	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	790	736	764
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	409
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	406
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	418	390	407
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	401	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	421	401	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	391	405
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	408
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	407
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	392	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	409
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	401

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