

GRID CONTROLLER OF INDIA LIMITED
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 31-12-2024
System Reliability Indices Report for: 30-12-2024

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	NER Import	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

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	NER Import	0	0.00	0.00

Voltage Profile for the day of 30-12-2024

Region	Sr.No.	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%	796	755	780
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	755	780
	3	Ajmer	0.00%	97.29%	2.71%	2.71%	800	766	787
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	797	752	779
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	767	775
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	764	773
	7	Anta	0.00%	100.00%	0.00%	0.00%	789	760	781
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	744	769
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	756	769
	10	Bareilly	0.00%	96.39%	3.61%	3.61%	802	752	783
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	790	761	780
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	796	758	783
	13	Bhiwani	0.00%	99.38%	0.63%	0.63%	801	766	786
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	797	759	784
	15	Chittorgarh	0.00%	99.17%	0.83%	0.83%	800	764	786
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	791	755	777
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	752	771
	18	Greater Noida	0.00%	91.94%	8.06%	8.06%	802	758	785
	19	Hapur	0.00%	99.72%	0.28%	0.28%	800	752	782
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	759	781
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	748	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	764	785
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	796	748	778
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	748	762
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	748	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	785	739	770
	27	Meerut	0.00%	97.92%	2.08%	2.08%	802	756	786
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	737	776
	29	Orai	0.00%	84.38%	15.63%	15.63%	805	762	789
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	767	789
	31	Unnao	0.00%	100.00%	0.00%	0.00%	789	756	774
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	757	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	753	775
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	748	772
	3	Banaskantha	0.00%	93.89%	6.11%	6.11%	801	762	785
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	751	775
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	790	756	776
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	783	753	771
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	780	760	768
	8	Bina	0.00%	100.00%	0.00%	0.00%	799	760	783
	9	Champa	0.00%	100.00%	0.00%	0.00%	792	771	780
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	760	770
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	753	775
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	789	749	772
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	799	772	786
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	800	759	785
	15	Indore	0.00%	100.00%	0.00%	0.00%	785	750	768
	16	Jabalpur	0.00%	86.04%	13.96%	13.96%	804	770	789
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	785	753	769
	18	Koradi	0.00%	100.00%	0.00%	0.00%	781	754	768
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	797	761	782
	20	New Parli	0.00%	100.00%	0.00%	0.00%	796	762	781
	21	Padghe	0.00%	99.93%	0.07%	0.07%	800	744	779
	22	Pune	0.00%	97.57%	2.43%	2.43%	802	748	782
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	790	772	780
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	789	771	779
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	791	766	780
	26	Sasan	0.00%	100.00%	0.00%	0.00%	790	766	780
	27	Satna	0.00%	91.32%	8.68%	8.68%	800	769	787
	28	Seoni	0.00%	100.00%	0.00%	0.00%	793	760	777
	29	Sipat	0.00%	100.00%	0.00%	0.00%	780	761	770
	30	Solapur	0.00%	100.00%	0.00%	0.00%	796	761	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	790	772	780
	32	Tirora	0.00%	100.00%	0.00%	0.00%	774	754	765
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	797	747	779
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	770	783
	35	Wardha	0.00%	100.00%	0.00%	0.00%	788	753	773
	36	Warora	0.00%	100.00%	0.00%	0.00%	792	760	780
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	788	754	773
	2	Cuddapah	0.00%	95.97%	4.03%	4.03%	803	767	788
	3	Kumool	0.00%	100.00%	0.00%	0.00%	796	758	780
	4	Maheshwaram	0.00%	98.68%	1.32%	1.32%	801	760	784
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	757	779
	6	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	755	781
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	758	781
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	766	783
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	783	751	773
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	791	760	776
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	766	778
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	788	771	778
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	749	769
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	777	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	777	745	761
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	767	732	750
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	782	752	769
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	412	405	409
	2	Balipara	0.00%	100.00%	0.00%	0.00%	412	394	403
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	412	396	403
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	413	402	407
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	415	401	409
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	418	404	411
	7	Imphal	0.00%	100.00%	0.00%	0.00%	413	398	405
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	394	403
	9	Misa	0.00%	100.00%	0.00%	0.00%	410	395	403
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	415	397	406
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	414	399	406
	12	Palatana	0.00%	100.00%	0.00%	0.00%	411	402	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	409	396	402
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	412	395	403
	15	Silchar	0.00%	100.00%	0.00%	0.00%	415	403	408

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