

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

Date of Reporting: 31-12-2022
System Reliability Indices Report for: 30-12-2022

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 30-12-2022

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%	788	743	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	743	771
	3	Ajmer	0.00%	99.79%	0.21%	0.21%	802	752	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	743	776
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	770	756	763
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	769	754	762
	7	Anta	0.00%	100.00%	0.00%	0.00%	791	753	778
	8	Ballia	0.00%	100.00%	0.00%	0.00%	779	742	767
	9	Bara	0.00%	100.00%	0.00%	0.00%	787	762	776
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	799	751	779
	11	Bhadla	0.21%	99.72%	0.07%	0.28%	802	717	777
	12	Bhadla II	0.00%	99.17%	0.83%	0.83%	803	741	778
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	756	782
	14	Bikaner	0.00%	99.44%	0.56%	0.56%	801	755	778
	15	Chittorgarh	0.00%	98.89%	1.11%	1.11%	804	750	784
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	799	740	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	748	768
	18	Greater Noida	0.00%	99.72%	0.28%	0.28%	801	751	782
	19	Hapur	0.00%	100.00%	0.00%	0.00%	800	749	780
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	749	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	742	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	799	754	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	742	773
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	743	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	789	745	774
	26	Mainpuri	0.00%	99.65%	0.35%	0.35%	801	751	782
	27	Meerut	0.00%	99.44%	0.56%	0.56%	801	748	780
	28	Moga	0.00%	100.00%	0.00%	0.00%	798	749	774
	29	Orai	0.00%	100.00%	0.00%	0.00%	798	754	784
	30	Phagi	0.00%	100.00%	0.00%	0.00%	799	744	780
	31	Unnao	0.00%	100.00%	0.00%	0.00%	772	736	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	785	756	775
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	753	770
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	749	775
	3	Banaskantha	0.00%	97.08%	2.92%	2.92%	808	759	783
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	771
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	786	758	773
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	786	754	770
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	781	757	770
	8	Bina	0.00%	100.00%	0.00%	0.00%	792	753	777
	9	Champa	0.00%	89.31%	10.69%	10.69%	804	772	790
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	756	770
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	774
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	790	750	769
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	789	763	779
	14	Gwalior	0.00%	98.75%	1.25%	1.25%	800	750	782
	15	Indore	0.00%	100.00%	0.00%	0.00%	794	745	772
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	763	783
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	794	752	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	776	756	766
	19	Lakadia	0.00%	99.86%	0.14%	0.14%	801	764	783
	20	New Parli	0.00%	100.00%	0.00%	0.00%	795	754	778
	21	Padghe	0.00%	99.44%	0.56%	0.56%	801	753	780
	22	Pune	0.00%	99.17%	0.83%	0.83%	802	756	780
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	770	785
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	769	783
	25	Rajnandgaon	0.00%	99.79%	0.21%	0.21%	801	764	786
	26	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	776
	27	Satna	0.00%	100.00%	0.00%	0.00%	792	762	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	788	752	771
	29	Sipat	0.00%	100.00%	0.00%	0.00%	782	760	772
	30	Solapur	0.00%	100.00%	0.00%	0.00%	798	757	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	795	771	784
	32	Tirora	0.00%	100.00%	0.00%	0.00%	779	771	771
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	796	748	776
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	765	780
	35	Wardha	0.00%	100.00%	0.00%	0.00%	794	746	775
	36	Warora	0.00%	100.00%	0.00%	0.00%	791	754	775
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	795	746	775
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	798	759	781
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	792	749	772
	4	Maheshwaram	0.00%	95.00%	5.00%	5.00%	803	740	780
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	751	773
	6	Nizamabad	0.00%	89.03%	10.97%	10.97%	807	740	784
	7	Raichur	0.00%	100.00%	0.00%	0.00%	793	754	776
	8	Srikakulam	0.00%	99.65%	0.35%	0.35%	801	738	773
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	785	748	769
	10	Vemagiri	0.00%	99.44%	0.56%	0.56%	801	741	778
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	799	739	778
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	789	761	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	752	769
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	765	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	780	744	762
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	778	737	754
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	764	778
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	768	741	757
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	412	404	408
	2	Balipara	0.00%	100.00%	0.00%	0.00%	409	394	402
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	413	397	405
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	413	403	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	404	410
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	419	402	409
	7	Imphal	0.00%	100.00%	0.00%	0.00%	420	398	407
	8	Kameng	0.00%	100.00%	0.00%	0.00%	410	396	402
	9	Misa	0.00%	100.00%	0.00%	0.00%	413	397	405
	10	New Kohima	0.00%	99.31%	0.00%	0.00%	421	397	408
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	418	399	407
	12	Palatana	0.00%	100.00%	0.00%	0.00%	413	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	413	394	401
	14	Ranganadi	0.00%	99.44%	0.00%	0.00%	420	403	412
	15	Silchar	0.00%	100.00%	0.00%	0.00%	419	399	407
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	410	395	400

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