

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

Date of Reporting: 22-12-2022  
System Reliability Indices Report for: 21-12-2022

**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 21-12-2022**

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%	787	748	772
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	787	748	772
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	756	778
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	792	747	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	756	764
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	755	762
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	758	775
	8	Ballia	0.00%	100.00%	0.00%	0.00%	785	749	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	760	771
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	800	732	779
	11	Bhadla	0.00%	97.85%	2.15%	2.15%	817	743	776
	12	Bhadla II	0.00%	98.61%	1.39%	1.39%	810	747	776
	13	Bhiwani	0.00%	99.51%	0.49%	0.49%	801	753	779
	14	Bikaner	0.00%	98.33%	1.67%	1.67%	809	744	775
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	795	760	778
	16	Fatehgarh II	0.00%	99.24%	0.76%	0.76%	808	748	774
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	743	765
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	756	781
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	755	779
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	750	775
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	742	773
	22	Khetri	0.00%	99.58%	0.42%	0.42%	802	754	776
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	796	749	775
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	745	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	788	755	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	796	755	779
	27	Meerut	0.00%	100.00%	0.00%	0.00%	799	752	779
	28	Moga	0.00%	97.36%	2.64%	2.64%	808	743	773
	29	Orai	0.00%	100.00%	0.00%	0.00%	799	761	785
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	751	776
	31	Unnao	0.00%	100.00%	0.00%	0.00%	774	735	758
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	787	757	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	749	773
	2	Aurangabad	0.00%	99.51%	0.49%	0.49%	802	750	774
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	790	756	776
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	0	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	780	750	768
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	777	752	766
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	785	761	774
	8	Bina	0.00%	100.00%	0.00%	0.00%	788	759	775
	9	Champa	0.00%	89.38%	10.63%	10.63%	807	775	792
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	766	777
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	749	773
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	789	740	769
	13	Gadarwara	0.00%	96.67%	3.33%	3.33%	803	779	790
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	796	751	781
	15	Indore	0.00%	100.00%	0.00%	0.00%	797	751	771
	16	Jabalpur	0.00%	98.33%	1.67%	1.67%	802	775	789
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	796	755	773
	18	Koradi	0.00%	100.00%	0.00%	0.00%	782	752	769
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	790	762	778
	20	New Parli	0.00%	99.10%	0.90%	0.90%	801	751	778
	21	Padghe	0.00%	99.31%	0.69%	0.69%	804	748	779
	22	Pune	0.00%	94.44%	5.56%	5.56%	806	746	779
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	774	788
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	772	787
	25	Rajnandgaon	0.00%	92.92%	7.08%	7.08%	805	767	788
	26	Sasan	0.00%	100.00%	0.00%	0.00%	787	769	778
	27	Satna	0.00%	100.00%	0.00%	0.00%	793	767	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	793	753	773
	29	Sipat	0.00%	100.00%	0.00%	0.00%	785	762	774
	30	Solapur	0.00%	96.88%	3.13%	3.13%	804	754	774
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	798	775	788
	32	Tirora	0.00%	100.00%	0.00%	0.00%	777	753	767
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	796	743	772
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	770	781
	35	Wardha	0.00%	95.63%	4.38%	4.38%	804	751	780
	36	Warora	0.00%	100.00%	0.00%	0.00%	799	756	780
SR	1	Chillakaluripeta	0.00%	99.93%	0.07%	0.07%	801	729	771
	2	Cuddapah	0.00%	89.65%	10.35%	10.35%	807	757	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	795	749	773
	4	Maheshwaram	0.00%	93.47%	6.53%	6.53%	809	733	775
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	753	774
	6	Nizamabad	0.00%	76.11%	23.89%	23.89%	814	738	782
	7	Raichur	0.00%	99.24%	0.76%	0.76%	801	749	776
	8	Srikakulam	0.00%	94.58%	5.42%	5.42%	806	755	774
	10	Vemagiri	0.07%	97.71%	2.22%	2.22%	801	728	773
	ER	1	Angul	0.00%	100.00%	0.00%	0.00%	780	743
2		Darlipalli	0.00%	100.00%	0.00%	0.00%	787	768	778
3		Gaya	0.00%	100.00%	0.00%	0.00%	782	757	770
4		Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	771	785
5		Medinipur	0.00%	100.00%	0.00%	0.00%	780	752	767
6		New Jeerat	0.00%	100.00%	0.00%	0.00%	773	736	755
7		Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	781
8		Sasaram	0.00%	100.00%	0.00%	0.00%	771	750	765
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	412	405	408
	2	Balipara	0.00%	100.00%	0.00%	0.00%	411	397	404
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	415	399	407
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	416	404	409
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	418	406	412
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	419	403	412
	7	Imphal	0.00%	100.00%	0.00%	0.00%	418	397	409
	8	Kameng	0.00%	100.00%	0.00%	0.00%	412	396	404
	9	Misa	0.00%	100.00%	0.00%	0.00%	414	399	407
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	419	395	408
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	416	397	407
	12	Palatana	0.00%	100.00%	0.00%	0.00%	415	396	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	404
	14	Ranganadi	0.00%	88.13%	0.00%	0.00%	422	407	414
	15	Silchar	0.00%	100.00%	0.00%	0.00%	419	400	410
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	412	394	403

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