

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

Date of Reporting: 21-12-2022  
System Reliability Indices Report for: 20-12-2022

**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 20-12-2022**

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%	786	735	768
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	735	768
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	796	753	777
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	744	774
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	769	752	762
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	767	747	759
	7	Anta	0.00%	100.00%	0.00%	0.00%	790	757	777
	8	Ballia	0.00%	100.00%	0.00%	0.00%	791	736	768
	9	Bara	0.00%	100.00%	0.00%	0.00%	789	755	768
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	796	746	776
	11	Bhadla	0.07%	99.72%	0.21%	0.28%	803	715	773
	12	Bhadla II	0.00%	97.57%	2.43%	2.43%	812	756	778
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	757	779
	14	Bikaner	0.00%	99.65%	0.35%	0.35%	804	754	776
	15	Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	757	777
	16	Fatehgarh II	0.00%	98.54%	1.46%	1.46%	811	747	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	731	765
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	751	780
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	749	778
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	796	752	776
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	736	768
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	756	778
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	790	747	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	768	742	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	764	764	764
	26	Mainpuri	0.00%	99.03%	0.97%	0.97%	807	753	780
	27	Meerut	0.00%	100.00%	0.00%	0.00%	798	754	773
	28	Moga	0.00%	100.00%	0.00%	0.00%	792	751	772
	29	Orai	0.00%	97.08%	2.92%	2.92%	805	756	784
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	737	776
	31	Unnao	0.00%	100.00%	0.00%	0.00%	773	736	759
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	790	743	773
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	749	772
	2	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	742	772
	3	Banaskantha	0.00%	100.00%	0.00%	0.00%	797	757	777
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	746	774
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	789	751	770
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	786	751	769
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	790	753	773
	8	Bina	0.00%	100.00%	0.00%	0.00%	799	750	778
	9	Champa	0.00%	72.29%	27.71%	27.71%	811	765	791
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	758	779
	11	Dhule (BDTCL)	0.00%	97.85%	2.15%	2.15%	802	751	776
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	786	744	766
	13	Gadarwara	0.00%	94.51%	5.49%	5.49%	807	773	790
	14	Gwalior	0.00%	99.72%	0.28%	0.28%	805	747	780
	15	Indore	0.00%	100.00%	0.00%	0.00%	799	744	773
	16	Jabalpur	0.00%	92.64%	7.36%	7.36%	810	764	790
	17	Khandwa PS	0.00%	99.58%	0.42%	0.42%	801	750	776
	18	Koradi	0.00%	100.00%	0.00%	0.00%	782	751	768
	19	Lakadia	0.00%	100.00%	0.00%	0.00%	800	757	779
	20	New Parli	0.00%	99.86%	0.14%	0.14%	800	748	777
	21	Padghe	0.00%	100.00%	0.00%	0.00%	800	743	775
	22	Pune	0.00%	96.67%	3.33%	3.33%	806	742	776
	23	Raigarh Pooling	0.00%	98.82%	1.18%	1.18%	802	766	786
	24	Raipur Pooling	0.00%	99.72%	0.28%	0.28%	800	764	785
	25	Rajnandgaon	0.00%	93.13%	6.88%	6.88%	810	762	788
	26	Sasan	0.00%	100.00%	0.00%	0.00%	791	761	778
	27	Satna	0.00%	99.44%	0.56%	0.56%	800	760	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	795	747	773
	29	Sipat	0.00%	100.00%	0.00%	0.00%	788	758	774
	30	Solapur	0.00%	99.51%	0.49%	0.49%	804	750	777
	31	Tamnar	0.00%	99.31%	0.69%	0.69%	801	768	787
	32	Tirora	0.00%	100.00%	0.00%	0.00%	778	749	766
	33	Vadodara	0.00%	99.58%	0.42%	0.42%	801	747	777
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	765	781
	35	Wardha	0.00%	98.06%	1.94%	1.94%	806	747	779
	36	Warora	0.00%	100.00%	0.00%	0.00%	800	755	780
SR	1	Chillakaluripta	0.00%	99.72%	0.28%	0.28%	801	746	776
	2	Cuddapah	0.00%	84.38%	15.63%	15.63%	803	753	781
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	793	740	771
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	795	732	768
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	744	771
	6	Nizamabad	0.00%	89.93%	10.07%	10.07%	808	735	777
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	745	773
	8	Srikakulam	0.00%	90.27%	9.73%	9.73%	806	0	779
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	766	766	766
	10	Vemagiri	0.00%	94.17%	5.83%	5.83%	808	748	781
ER	1	Angul	0.00%	97.82%	2.08%	2.08%	803	751	777
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	797	766	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	747	769
	4	Jharsuguda	0.00%	95.00%	5.00%	5.00%	806	770	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	781	743	766
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	772	728	754
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	795	763	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	775	21	754
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%	411	397	403
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	414	399	407
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	415	403	409
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	417	404	411
	6	Byrnihat/killing	0.00%	100.00%	0.00%	0.00%	418	0	410
	7	Imphal	0.00%	99.86%	0.00%	0.00%	420	399	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	400	406
	10	New Kohima	0.00%	98.82%	0.00%	0.00%	421	398	409
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	419	399	408
	12	Palatana	0.00%	100.00%	0.00%	0.00%	411	402	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	396	403
	14	Ranganadi	0.00%	94.79%	0.00%	0.00%	422	407	414
	15	Silchar	0.00%	100.00%	0.00%	0.00%	419	401	409
	16	Surajmani Nagar(Sterilite)	0.00%	100.00%	0.00%	0.00%	409	396	402

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