

**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**  
**19-Dec-2022 to 25-Dec-2022**

Date: 30-Dec-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	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 19-Dec-2022 to 25-Dec-2022**

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 IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1 Agra	0.00%	100.00%	0.00%	0.00%	791	735	771
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	735	771
	3 Ajmer	0.00%	99.96%	0.04%	0.04%	802	748	778
	4 Ajmer	0.00%	100.00%	0.00%	0.00%	796	743	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	752	764
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	747	761
	7 Anta	0.00%	100.00%	0.00%	0.00%	793	751	777
	8 Ballia	0.00%	100.00%	0.00%	0.00%	791	736	770
	9 Bara	0.00%	100.00%	0.00%	0.00%	789	752	770
	10 Bareilly	0.00%	98.70%	1.30%	1.30%	805	732	779
	11 Bhadla	0.04%	99.48%	0.48%	0.52%	817	710	775
	12 Bhadla II	0.01%	98.86%	1.13%	1.14%	812	720	776
	13 Bhiwani	0.00%	99.93%	0.07%	0.07%	801	753	779
	14 Bikaner	0.00%	99.60%	0.40%	0.40%	809	744	775
	15 Chittorgarh	0.00%	99.98%	0.02%	0.02%	800	750	779
	16 Fatehgarh II	0.00%	99.34%	0.66%	0.66%	811	738	774
	17 Fatehgarh	0.00%	100.00%	0.00%	0.00%	794	731	768
	18 Greater Noida	0.00%	98.93%	1.07%	1.07%	804	747	761
	19 Hapur	0.00%	99.08%	0.92%	0.92%	804	744	779
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	797	746	776
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	736	772
	22 Khethri	0.00%	99.90%	0.10%	0.10%	802	745	776
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	796	740	773
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	742	758
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	744	771
	26 Mainpuri	0.00%	99.38%	0.63%	0.63%	807	746	779
	27 Meerut	0.00%	99.07%	0.93%	0.93%	804	747	779
	28 Moga	0.00%	99.57%	0.43%	0.43%	808	739	773
	29 Jhri	0.00%	99.53%	0.47%	0.47%	805	746	782
	30 Phagi	0.00%	99.97%	0.03%	0.03%	801	732	777
	31 Unnao	0.00%	100.00%	0.00%	0.00%	784	735	761
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	790	743	775
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	795	747	773
	2 Aurangabad	0.00%	99.82%	0.18%	0.18%	802	742	775
	3 Banaskantha	0.00%	99.91%	0.09%	0.09%	802	746	778
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	800	738	771
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	795	744	771
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	792	744	768
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	790	750	771
	8 Bina	0.00%	100.00%	0.00%	0.00%	799	743	774
	9 Champa	0.00%	82.49%	17.51%	17.51%	811	757	790
	10 Dharamjalgarh	0.00%	100.00%	0.00%	0.00%	796	749	773
	11 Dhuile (BDTCL)	0.00%	99.69%	0.31%	0.31%	802	737	775
	12 Ekluni	0.00%	100.00%	0.00%	0.00%	792	740	769
	13 Gadarwara	0.00%	96.87%	3.13%	3.13%	807	765	786
	14 Gwalior	0.00%	99.96%	0.04%	0.04%	805	746	780
	15 Indore	0.00%	100.00%	0.00%	0.00%	800	737	773
	16 Jabalpur	0.00%	98.45%	1.55%	1.55%	810	758	785
	17 Khandwa PS	0.00%	99.93%	0.07%	0.07%	801	742	775
	18 Koradi	0.00%	100.00%	0.00%	0.00%	789	751	770
	19 Lakadia	0.00%	99.94%	0.06%	0.06%	802	755	780
	20 New Partii	0.00%	99.63%	0.37%	0.37%	803	748	778
	21 Padghe	0.00%	97.06%	2.94%	2.94%	807	735	778
	22 Pune	0.00%	98.27%	1.73%	1.73%	808	732	777
	23 Raigarh Pooling	0.00%	99.23%	0.77%	0.77%	802	757	785
	24 Raipur Pooling	0.00%	99.96%	0.04%	0.04%	800	755	784
	25 Rajnandgaon	0.00%	92.35%	7.65%	7.65%	810	754	787
	26 Sasan	0.00%	100.00%	0.00%	0.00%	791	760	776
	27 Satna	0.00%	99.92%	0.08%	0.08%	800	758	781
	28 Seoni	0.00%	100.00%	0.00%	0.00%	796	743	773
	29 Sipat	0.00%	100.00%	0.00%	0.00%	788	753	773
	30 Solapur	0.00%	99.26%	0.74%	0.74%	804	750	778
	31 Tamnar	0.00%	99.90%	0.10%	0.10%	801	761	785
	32 Tirora	0.00%	100.00%	0.00%	0.00%	787	749	768
33 Vadodara	0.00%	99.94%	0.06%	0.06%	801	734	775	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	764	779	
35 Wardha	0.00%	96.42%	3.58%	3.58%	807	747	780	
36 Warora	0.00%	100.00%	0.00%	0.00%	800	751	779	
SR	1 Chilikaluripeta	0.00%	98.82%	1.18%	1.18%	804	729	776
	2 Cuddapah	0.00%	91.16%	8.84%	8.84%	807	751	782
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	797	740	772
	4 Maheshwaram	0.00%	95.69%	4.31%	4.31%	811	729	774
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	796	744	773
	6 Nizamabad	0.00%	79.26%	20.74%	20.74%	814	735	781
	7 Raichur	0.00%	99.89%	0.11%	0.11%	801	745	775
	8 Srikakulam	0.00%	97.68%	2.32%	2.32%	806	741	775
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	791	734	766
	10 Vemagiri	0.01%	91.70%	8.29%	8.30%	808	728	778
ER	1 Angul	0.00%	99.70%	0.30%	0.30%	803	739	767
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	797	759	775
	3 Gaya	0.00%	100.00%	0.00%	0.00%	784	747	769
	4 Jharsuguda	0.00%	99.29%	0.71%	0.71%	806	762	783
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	786	743	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	779	728	757
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	796	762	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	776	742	761
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	412	404	408
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	6 Byrnhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	420	397	409
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	404
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	421	395	409
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	419	397	408
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	403	414
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	419	399	409
	16 Surajmani Nagar(Sterilite) (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402

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