

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
12-Dec-2022 to 18-Dec-2022

Date: 23-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 12-Dec-2022 to 18-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%	794	748	771
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	748	771
	3 Ajmer	0.00%	99.85%	0.15%	0.00%	804	745	778
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	797	745	776
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	756	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	774	755	763
	7 Anta	0.00%	100.00%	0.00%	0.00%	793	748	777
	8 Ballia	0.00%	100.00%	0.00%	0.00%	785	745	766
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	758	772
	10 Bareilly	0.00%	99.87%	0.33%	0.33%	802	748	780
	11 Bhadla	0.04%	99.76%	0.20%	0.24%	806	684	772
	12 Bhadla II	0.00%	99.12%	0.88%	0.88%	808	695	774
	13 Bhiwani	0.00%	99.89%	0.11%	0.11%	801	743	780
	14 Bikaner	0.00%	99.48%	0.52%	0.52%	807	746	774
	15 Chittorgarh	0.00%	100.00%	0.00%	0.00%	800	747	778
	16 Fatehgarh II	0.00%	99.66%	0.34%	0.34%	807	738	772
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	790	745	770
	18 Greater Noida	0.00%	99.78%	0.22%	0.22%	802	755	783
	19 Hapur	0.00%	99.96%	0.04%	0.04%	801	752	781
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	800	735	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	748	773
	22 Khetri	0.00%	95.78%	4.22%	4.22%	801	749	778
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	792	742	772
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	745	760
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	747	772
	26 Mainpuri	0.00%	99.91%	0.09%	0.09%	803	755	781
	27 Meerut	0.00%	99.87%	0.33%	0.33%	801	750	780
	28 Moga	0.00%	99.69%	0.31%	0.31%	804	740	771
	29 Orai	0.00%	99.80%	0.20%	0.20%	803	761	783
	30 Phagi	0.00%	99.91%	0.09%	0.09%	803	730	778
	31 Unnao	0.00%	100.00%	0.00%	0.00%	783	735	759
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	791	760	776
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	749	773
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	798	738	773
	3 Banskantha	0.00%	99.48%	0.52%	0.52%	802	749	779
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	738	769
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	797	741	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	797	746	773
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	789	751	768
	8 Bina	0.00%	100.00%	0.00%	0.00%	799	753	776
	9 Champa	0.00%	97.06%	2.94%	2.94%	808	761	783
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	745	768
	11 Dhule (BDTCL)	0.00%	99.84%	0.16%	0.16%	802	744	774
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	789	745	768
	13 Gadwarwara	0.00%	99.75%	0.25%	0.25%	803	763	780
	14 Gwalior	0.00%	99.84%	0.16%	0.16%	805	755	781
	15 Indore	0.00%	99.82%	0.18%	0.18%	802	741	771
	16 Jabalpur	0.00%	98.60%	1.40%	1.40%	809	764	782
	17 Khandwa PS	0.00%	99.87%	0.13%	0.13%	801	743	773
	18 Koradi	0.00%	100.00%	0.00%	0.00%	780	752	768
	19 Lakadia	0.00%	97.80%	2.20%	2.20%	805	755	783
	20 New Parli	0.00%	99.94%	0.06%	0.06%	801	751	777
	21 Padghe	0.00%	99.80%	0.20%	0.20%	804	739	775
	22 Pune	0.00%	99.70%	0.30%	0.30%	806	740	776
	23 Raigarh Pooling	0.00%	99.83%	0.17%	0.17%	800	760	781
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	760	780
	25 Rajnandgaon	0.00%	99.03%	0.97%	0.97%	806	756	781
	26 Sasan	0.00%	100.00%	0.00%	0.00%	789	765	777
	27 Satna	0.00%	100.00%	0.00%	0.00%	799	764	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	797	745	772
	29 Sipat	0.00%	100.00%	0.00%	0.00%	788	755	770
	30 Solapur	0.00%	99.84%	0.06%	0.06%	802	750	778
	31 Tamar	0.00%	99.86%	0.04%	0.04%	800	765	783
	32 Tirora	0.00%	100.00%	0.00%	0.00%	777	752	766
	33 Vadodara	0.00%	99.93%	0.07%	0.07%	801	734	773
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	792	768	780
	35 Wardha	0.00%	99.91%	0.09%	0.09%	801	744	777
	36 Warora	0.00%	100.00%	0.00%	0.00%	800	750	775
SR	1 Chilikaluripeta	0.00%	90.76%	9.24%	9.24%	809	741	781
	2 Cuddapah	0.00%	88.97%	11.03%	11.03%	809	759	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	798	750	775
	4 Maheshwaram	0.02%	95.80%	4.18%	4.20%	809	737	780
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	797	751	774
	6 Nizamabad	0.00%	78.40%	21.60%	21.60%	816	743	786
	7 Raichur	0.00%	100.00%	0.00%	0.00%	798	751	777
	8 Srikakulam	0.00%	89.52%	10.48%	10.48%	811	739	781
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	790	742	771
	10 Vemagiri	0.00%	85.89%	14.11%	14.11%	816	754	784
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	795	746	773
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	789	760	774
	3 Gaya	0.00%	100.00%	0.00%	0.00%	787	754	768
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	765	782
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	789	747	769
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	786	734	758
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	782	746	764
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	413	404	408
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	409
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	422	404	412
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	401	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	423	395	408
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	423	391	408
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	406
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	399	405
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	415	394	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	423	402	413
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	421	398	409
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	401

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