

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
17-Jul-2023 to 23-Jul-2023

Date: 28-Jul-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	34	8.50	5.06
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	14	3.50	2.08
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 17-Jul-2023 to 23-Jul-2023

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	733	768
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	733	768
	3 Ajmer	0.00%	100.00%	0.00%	0.00%	799	752	778
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	791	740	770
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	772	754	763
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	771	751	761
	7 Anta	0.00%	99.75%	0.25%	0.00%	801	761	787
	8 Ballia	0.00%	100.00%	0.00%	0.00%	786	741	767
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	754	769
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	799	743	770
	11 Bhadla	0.00%	99.99%	0.01%	0.00%	806	738	772
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	797	740	774
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	792	753	773
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	798	750	773
	15 Chittorgarh	0.00%	99.54%	0.46%	0.00%	803	764	781
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	798	735	774
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	794	741	773
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	793	744	770
	19 Hapur	0.00%	100.00%	0.00%	0.00%	793	737	765
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	787	744	770
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	739	765
	22 Khetri	0.00%	100.00%	0.00%	0.00%	793	749	773
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	790	745	769
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	742	757
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	794	739	767
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	793	750	774
	27 Meerut	0.00%	100.00%	0.00%	0.00%	795	750	775
	28 Moga	0.00%	100.00%	0.00%	0.00%	792	743	766
	29 Orai	0.00%	100.00%	0.00%	0.00%	798	748	779
	30 Phagi	0.00%	100.00%	0.00%	0.00%	794	748	777
	31 Unnao	0.00%	100.00%	0.00%	0.00%	780	737	759
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	785	750	771
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	795	761	780
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	798	748	779
	3 Banaskantha	0.00%	99.71%	0.29%	0.00%	804	769	785
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	755	770
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	761	778
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	789	752	771
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	784	761	773
	8 Bina	0.00%	100.00%	0.00%	0.00%	789	756	775
	9 Champa	0.00%	89.95%	10.05%	0.00%	805	762	789
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	757	772
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	758	777
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	793	755	778
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	797	769	783
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	796	747	777
	15 Indore	0.00%	100.00%	0.00%	0.00%	786	755	771
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	795	764	780
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	756	774
	18 Koradi	0.00%	100.00%	0.00%	0.00%	788	758	772
	19 Lakadia	0.00%	99.99%	0.01%	0.01%	801	766	783
	20 New Parli	0.00%	98.84%	1.16%	1.16%	803	759	788
	21 Padghe	0.00%	98.41%	1.59%	1.59%	803	751	784
	22 Pune	0.00%	99.02%	0.98%	0.98%	804	746	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	771	786
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	769	784
	25 Rajnandgaon	0.00%	96.29%	3.71%	3.71%	805	775	793
	26 Sasan	0.00%	100.00%	0.00%	0.00%	784	762	775
	27 Satna	0.00%	100.00%	0.00%	0.00%	793	762	780
	28 Seoni	0.00%	100.00%	0.00%	0.00%	796	762	782
	29 Sipat	0.00%	100.00%	0.00%	0.00%	784	763	775
	30 Solapur	0.00%	99.50%	0.50%	0.50%	802	759	786
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	794	771	785
	32 Tirora	0.00%	100.00%	0.00%	0.00%	780	752	770
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	794	757	777
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	766	778
	35 Wardha	0.00%	98.22%	1.78%	1.78%	805	758	788
	36 Warora	0.00%	99.99%	0.01%	0.01%	800	763	787
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	794	748	770
	2 Cuddapah	0.00%	99.93%	0.07%	0.07%	801	759	783
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	794	755	778
	4 Maheshwaram	0.00%	92.32%	7.68%	7.68%	806	763	789
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	794	755	772
	6 Nizamabad	0.00%	75.19%	24.81%	24.81%	813	761	795
	7 Raichur	0.00%	100.00%	0.00%	0.00%	795	759	780
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	800	758	786
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	787	747	770
	10 Vemagiri	0.00%	99.96%	0.04%	0.04%	800	756	779
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	757	777
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	788	769	781
	3 Gaya	0.00%	100.00%	0.00%	0.00%	778	743	763
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	789
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	792	747	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	795	738	764
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	794	762	778
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	778	746	764
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	393	402
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	404
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	408
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	392	401
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	410	396	404
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	421	401	410
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	404

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