

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
10-Jul-2023 to 16-Jul-2023

Date: 21-Jul-2023

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 10-Jul-2023 to 16-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%	786	749	768
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	749	768
	3 Ajmer	0.00%	100.00%	0.00%	0.00%	799	745	778
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	793	753	770
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	773	757	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	772	755	764
	7 Anta	0.00%	94.16%	5.84%	0.00%	807	776	791
	8 Ballia	0.00%	100.00%	0.00%	0.00%	785	748	770
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	761	771
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	795	749	773
	11 Bhadla	0.16%	99.84%	0.00%	0.16%	799	724	769
	12 Bhadla II	0.14%	99.86%	0.00%	0.14%	800	704	771
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	795	750	776
	14 Bikaner	0.10%	99.90%	0.00%	0.10%	794	714	770
	15 Chittorgarh	0.00%	99.85%	0.15%	0.15%	801	761	780
	16 Fatehgarh II	0.31%	99.69%	0.00%	0.31%	798	703	769
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	790	749	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	796	755	775
	19 Hapur	0.00%	100.00%	0.00%	0.00%	794	743	768
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	790	744	771
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	750	772
	22 Khetri	0.00%	100.00%	0.00%	0.00%	792	730	773
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	793	751	773
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	747	756
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	791	746	772
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	796	753	779
	27 Meerut	0.00%	100.00%	0.00%	0.00%	799	754	778
	28 Moga	0.00%	100.00%	0.00%	0.00%	792	732	767
	29 Orai	0.00%	100.00%	0.00%	0.00%	798	762	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	799	755	780
	31 Unnao	0.00%	100.00%	0.00%	0.00%	780	746	765
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	785	755	773
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	795	750	775
	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	793	752	778
	3 Banaskantha	0.00%	100.00%	0.00%	0.00%	793	761	777
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	783	756	767
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	785	747	770
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	776	742	763
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	784	759	773
	8 Bina	0.00%	100.00%	0.00%	0.00%	791	761	776
	9 Champa	0.00%	90.42%	9.58%	0.00%	806	766	792
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	761	771
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	757	775
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	790	749	774
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	793	771	781
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	785	757	780
	15 Indore	0.00%	100.00%	0.00%	0.00%	787	757	770
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	794	768	780
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	758	772
	18 Koradi	0.00%	100.00%	0.00%	0.00%	791	747	767
	19 Lakadia	0.00%	100.00%	0.00%	0.00%	790	755	774
	20 New Parli	0.00%	100.00%	0.00%	0.00%	799	756	786
	21 Padghe	0.00%	99.86%	0.14%	0.14%	802	753	783
	22 Pune	0.00%	99.53%	0.47%	0.47%	803	747	780
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	774	786
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	773	784
	25 Rajnandgaon	0.00%	97.30%	2.70%	2.70%	805	773	791
	26 Sasan	0.00%	100.00%	0.00%	0.00%	785	766	776
	27 Satna	0.00%	100.00%	0.00%	0.00%	798	767	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	795	761	780
	29 Sipat	0.00%	100.00%	0.00%	0.00%	785	761	774
	30 Solapur	0.00%	99.15%	0.85%	0.85%	802	759	788
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	793	773	784
	32 Tirora	0.00%	100.00%	0.00%	0.00%	781	744	762
33 Vadodara	0.00%	100.00%	0.00%	0.00%	791	750	773	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	769	779	
35 Wardha	0.00%	100.00%	0.00%	0.00%	796	753	782	
36 Warora	0.00%	100.00%	0.00%	0.00%	797	760	784	
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	785	735	763
	2 Cuddapah	0.00%	100.00%	0.00%	0.00%	797	751	778
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	791	745	771
	4 Maheshwaram	0.00%	97.87%	2.13%	2.13%	803	735	779
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	785	748	768
	6 Nizamabad	0.00%	97.95%	2.05%	2.05%	807	745	785
	7 Raichur	0.00%	100.00%	0.00%	0.00%	796	750	778
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	792	745	778
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	786	743	766
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	786	739	771
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	784	752	771
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	785	769	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	775	747	766
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	774	786
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	794	750	771
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	797	746	768
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	781	747	766
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	408	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	393	401
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	397	407
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	404
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	408
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	403	410
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	402
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	395	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	403	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	409	397	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	393	402

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