

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
05-Jun-2023 to 11-Jun-2023

Date: 16-Jun-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 05-Jun-2023 to 11-Jun-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%	99.81%	0.19%	0.00%	802	755	779
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	797	752	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	770	755	762
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	768	755	761
	7 Anta	0.00%	99.39%	0.61%	0.00%	800	768	783
	8 Ballia	0.00%	100.00%	0.00%	0.00%	781	746	764
	9 Bara	0.00%	100.00%	0.00%	0.00%	783	764	773
	10 Bareilly	0.00%	99.30%	0.70%	0.00%	805	742	772
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	792	751	771
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	795	752	772
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	799	746	777
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	794	752	770
	15 Chittorgarh	0.00%	99.56%	0.44%	0.00%	804	761	781
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	798	745	769
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	789	748	771
	18 Greater Noida	0.00%	99.95%	0.05%	0.00%	801	752	777
	19 Hapur	0.00%	97.76%	2.24%	0.00%	809	737	773
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	792	749	770
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	744	768
	22 Khetri	0.00%	100.00%	0.00%	0.00%	791	743	769
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	798	738	773
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	771	744	757
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	784	746	762
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	799	749	779
	27 Meerut	0.00%	99.58%	0.42%	0.00%	803	750	777
	28 Moga	0.00%	100.00%	0.00%	0.00%	794	746	768
	29 Orai	0.00%	99.56%	0.44%	0.00%	804	767	785
	30 Phagi	0.00%	99.94%	0.06%	0.00%	802	754	779
	31 Unnao	0.00%	100.00%	0.00%	0.00%	777	743	760
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	786	755	770
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	793	753	773
	2 Aurangabad	0.00%	99.99%	0.01%	0.00%	801	751	777
	3 Banaskantha	0.00%	99.90%	0.10%	0.00%	801	768	785
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	758	774
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	794	755	776
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	789	753	772
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	785	758	770
	8 Bina	0.00%	100.00%	0.00%	0.00%	794	760	777
	9 Champa	0.00%	98.36%	1.64%	0.00%	806	766	786
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	760	770
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	754	774
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	789	746	769
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	798	773	783
	14 Gwalior	0.00%	99.77%	0.23%	0.00%	800	759	781
	15 Indore	0.00%	100.00%	0.00%	0.00%	785	753	770
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	800	770	784
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	786	755	772
	18 Koradi	0.00%	100.00%	0.00%	0.00%	781	754	768
	19 Lakadia	0.00%	99.50%	0.50%	0.00%	802	767	787
	20 New Parli	0.00%	100.00%	0.00%	0.00%	798	751	779
	21 Padghe	0.00%	99.33%	0.67%	0.00%	803	745	776
	22 Pune	0.00%	99.97%	0.03%	0.00%	801	740	771
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	769	785
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	767	783
	25 Rajnandgaon	0.00%	98.44%	1.56%	0.00%	806	774	789
	26 Sasan	0.00%	100.00%	0.00%	0.00%	785	765	775
	27 Satna	0.00%	100.00%	0.00%	0.00%	794	768	782
	28 Seoni	0.00%	100.00%	0.00%	0.00%	794	759	777
	29 Sipat	0.00%	100.00%	0.00%	0.00%	784	761	771
	30 Solapur	0.00%	99.44%	0.56%	0.00%	806	752	782
	31 Tarnar	0.00%	100.00%	0.00%	0.00%	798	773	785
	32 Tirora	0.00%	100.00%	0.00%	0.00%	775	755	764
33 Vadodara	0.00%	100.00%	0.00%	0.00%	798	762	783	
34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	769	778	
35 Wardha	0.00%	99.90%	0.10%	0.00%	802	762	783	
36 Warora	0.00%	100.00%	0.00%	0.00%	799	765	781	
SR	1 Chilikaluripeta	0.00%	100.00%	0.00%	0.00%	798	755	780
	2 Cuddapah	0.00%	90.76%	9.24%	0.00%	808	762	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	793	751	774
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	793	748	774
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	790	752	772
	6 Nizamabad	0.00%	99.32%	0.68%	0.00%	806	763	787
	7 Raichur	0.00%	100.00%	0.00%	0.00%	796	754	778
	8 Srikakulam	0.00%	100.00%	0.00%	0.00%	797	761	782
	9 Thiruvalem	0.00%	98.73%	1.27%	0.00%	804	747	780
	10 Vemagiri	0.00%	100.00%	0.00%	0.00%	800	759	784
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	786	758	772
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	788	768	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	774	746	759
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	773	785
	5 Medinipur	0.00%	99.83%	0.17%	0.00%	802	743	773
	6 New Jeeat	0.00%	99.41%	0.59%	0.00%	807	734	770
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	796	759	780
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	778	750	765
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	408	399	402
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	406
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	406
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	409
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	409
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	395	405
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	392	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	420	395	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	406
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	399	407
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	415	395	405
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	418	398	408
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	404

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