

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-Jun-2023 to 25-Jun-2023

Date: 30-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 19-Jun-2023 to 25-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	749	769
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	749	769
	3 Ajmer	0.00%	99.78%	0.22%	0.00%	804	763	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	797	749	772
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	775	755	765
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	773	755	764
	7 Anta	0.00%	99.22%	0.78%	0.00%	800	774	786
	8 Ballia	0.00%	100.00%	0.00%	0.00%	792	747	772
	9 Bara	0.00%	100.00%	0.00%	0.00%	785	763	773
	10 Bareilly	0.00%	99.32%	0.68%	0.00%	806	750	773
	11 Bhadla	0.00%	100.00%	0.00%	0.00%	791	745	769
	12 Bhadla II	0.00%	100.00%	0.00%	0.00%	795	745	771
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	795	754	774
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	793	747	768
	15 Chittorgarh	0.00%	98.66%	1.34%	0.00%	804	760	785
	16 Fatehgarh II	0.00%	100.00%	0.00%	0.00%	792	740	768
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	792	746	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	799	750	772
	19 Hapur	0.00%	100.00%	0.00%	0.00%	799	734	766
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	792	748	768
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	750	770
	22 Khetri	0.00%	100.00%	0.00%	0.00%	793	745	769
	23 Koteshwar	0.00%	100.00%	0.00%	0.00%	790	738	769
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	770	745	758
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	795	746	768
	26 Mainpuri	0.00%	99.92%	0.08%	0.00%	801	757	778
	27 Meerut	0.00%	100.00%	0.00%	0.00%	798	748	774
	28 Moga	0.00%	100.00%	0.00%	0.00%	795	744	764
	29 Orai	0.00%	99.69%	0.31%	0.00%	803	763	785
	30 Phagi	0.00%	99.96%	0.04%	0.00%	801	762	781
	31 Unnao	0.00%	100.00%	0.00%	0.00%	782	741	761
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	791	754	774
WR	1 Akola	0.00%	100.00%	0.00%	0.00%	790	748	773
	2 Aurangabad	0.00%	99.82%	0.18%	0.00%	802	752	781
	3 Banaskantha	0.00%	98.33%	1.67%	0.00%	806	767	787
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	760	776
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	796	751	779
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	790	750	774
	7 Blasapur	0.00%	100.00%	0.00%	0.00%	790	761	774
	8 Bina	0.00%	100.00%	0.00%	0.00%	788	764	778
	9 Champa	0.00%	87.44%	12.56%	0.00%	810	769	793
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	761	773
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	747	776
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	793	744	770
	13 Gadwarwara	0.00%	99.95%	0.05%	0.00%	800	772	785
	14 Gwalior	0.00%	100.00%	0.00%	0.00%	798	747	782
	15 Indore	0.00%	100.00%	0.00%	0.00%	789	750	772
	16 Jabalpur	0.00%	99.67%	0.33%	0.00%	802	772	786
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	750	774
	18 Koradi	0.00%	100.00%	0.00%	0.00%	780	750	768
	19 Lakadia	0.00%	98.20%	1.80%	0.00%	807	757	787
	20 New Parli	0.00%	98.76%	1.24%	0.00%	804	749	783
	21 Padghe	0.00%	99.01%	0.99%	0.00%	808	746	777
	22 Pune	0.00%	99.27%	0.73%	0.00%	811	738	773
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	775	789
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	774	787
	25 Rajnandgaon	0.00%	95.77%	4.23%	0.00%	808	772	791
	26 Sasan	0.00%	100.00%	0.00%	0.00%	785	764	776
	27 Satna	0.00%	99.99%	0.01%	0.00%	803	769	783
	28 Seoni	0.00%	100.00%	0.00%	0.00%	800	762	780
	29 Sipat	0.00%	100.00%	0.00%	0.00%	790	764	776
	30 Solapur	0.00%	97.79%	2.20%	0.00%	808	714	785
	31 Tamar	0.00%	100.00%	0.00%	0.00%	799	777	788
	32 Tirora	0.00%	100.00%	0.00%	0.00%	775	752	764
	33 Vadodara	0.00%	99.37%	0.63%	0.00%	802	745	784
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	757	779
	35 Wardha	0.00%	99.05%	0.95%	0.00%	806	760	787
	36 Warora	0.00%	99.85%	0.15%	0.00%	802	758	783
SR	1 Chilikaluripeta	0.00%	97.57%	2.43%	0.00%	815	756	783
	2 Cuddapah	0.00%	95.95%	4.05%	0.00%	815	758	785
	3 Kurnool	0.00%	100.00%	0.00%	0.00%	797	749	775
	4 Maheshwaram	0.00%	100.00%	0.00%	0.00%	795	744	775
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	770
	6 Nizamabad	0.00%	88.10%	11.90%	0.00%	806	755	788
	7 Raichur	0.00%	100.00%	0.00%	0.00%	799	752	779
	8 Srikakulam	0.00%	99.23%	0.77%	0.00%	802	750	785
	9 Thiruvalem	0.00%	100.00%	0.00%	0.00%	795	743	762
	10 Vemagiri	0.00%	95.13%	4.87%	0.00%	809	760	787
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	787	750	774
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	789	769	779
	3 Gaya	0.00%	100.00%	0.00%	0.00%	777	745	764
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	774	787
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	792	755	772
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	788	745	763
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	797	770	784
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	787	755	771
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	400	404
	2 Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	289	401
	3 Biswanath Chariali (400 kV)	0.01%	99.99%	0.00%	0.01%	415	363	406
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	392	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	6 Bymhat/killing (400 kV)	0.00%	100.00%	0.00%	0.00%	417	-2862	411
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	417	393	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	394	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	419	392	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	387	405
	12 Palasana (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	405
	13 PK Bari	0.01%	99.99%	0.00%	0.01%	414	379	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	408
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405
	16 Surajmani Nagar(Sterite) (400 kV)	0.00%	100.00%	0.00%	0.00%	414	387	401

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