

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
14-Aug-2023 to 20-Aug-2023

Date: 25-Aug-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	9	2.25	1.34
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 14-Aug-2023 to 20-Aug-2023

14-08-2023									
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%	796	745	770
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	745	770
	3	Ajmer	0.00%	99.86%	0.14%	0.00%	803	757	776
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	744	774
	5	Anpara-C	0.00%	25-08-2023	0.00%	0.00%	773	757	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	755	764
	7	Anta	0.00%	99.89%	0.11%	0.00%	804	760	777
	8	Ballia	0.00%	100.00%	0.00%	0.00%	784	753	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	778	759	769
	10	Barerly	0.00%	98.88%	1.12%	1.12%	808	744	776
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	792	746	774
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	798	754	776
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	798	752	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	795	744	774
	15	Chittorgarh	0.00%	99.46%	0.54%	0.54%	806	760	781
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	793	743	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	742	768
	18	Greater Noida	0.00%	99.95%	0.05%	0.05%	800	744	775
	19	Hapur	0.00%	99.61%	0.39%	0.39%	808	733	770
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	791	749	770
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	787	751	771
	22	Khetri	0.00%	99.99%	0.01%	0.01%	802	751	774
	23	Koteshwar	0.07%	99.93%	0.00%	0.07%	794	725	769
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	781	742	760
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	746	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	796	751	776
	27	Meerut	0.00%	99.94%	0.06%	0.06%	801	747	775
	28	Moaga	0.00%	100.00%	0.00%	0.00%	798	750	769
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	763	784
	30	Phagi	0.00%	99.79%	0.21%	0.21%	806	749	776
	31	Unnao	0.00%	100.00%	0.00%	0.00%	780	736	762
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	762	777
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	757	778
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	753	779
	3	Banaskantha	0.00%	99.77%	0.23%	0.23%	802	759	785
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	755	770
	5	Bhuj	0.00%	99.23%	0.77%	0.77%	806	752	784
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	797	749	773
	7	Blaspur	0.00%	100.00%	0.00%	0.00%	784	766	777
	8	Bina	0.00%	100.00%	0.00%	0.00%	788	764	776
	9	Champa	0.00%	100.00%	0.00%	0.00%	799	765	786
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	768	777
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	755	777
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	794	748	775
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	791	773	784
	14	Gwalior	0.00%	99.80%	0.10%	0.10%	800	759	779
	15	Indore	0.00%	100.00%	0.00%	0.00%	785	755	771
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	775	785
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	757	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	781	755	770
	19	Lakadia	0.00%	99.18%	0.82%	0.82%	807	756	784
	20	New Parli	0.00%	99.03%	0.97%	0.97%	802	760	786
	21	Padghe	0.00%	98.33%	1.67%	1.67%	808	745	784
	22	Pune	0.00%	98.34%	1.66%	1.66%	808	739	781
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	794	774	784
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	792	770	783
	25	Rainandgaon	0.00%	100.00%	0.00%	0.00%	799	776	790
	26	Sasan	0.00%	100.00%	0.00%	0.00%	787	772	779
	27	Satna	0.00%	100.00%	0.00%	0.00%	793	772	783
	28	Seoni	0.00%	100.00%	0.00%	0.00%	790	765	780
	29	Sipat	0.00%	100.00%	0.00%	0.00%	784	769	778
	30	Solapur	0.00%	97.13%	2.87%	2.87%	804	760	787
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	790	773	782
	32	Tirora	0.00%	100.00%	0.00%	0.00%	778	753	768
	33	Vadodara	0.00%	99.27%	0.73%	0.73%	804	753	777
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	774	782
	35	Wardha	0.00%	100.00%	0.00%	0.00%	794	761	781
	36	Warora	0.00%	100.00%	0.00%	0.00%	796	768	785
SR	1	Chilakaluripeta	0.00%	98.45%	1.55%	1.55%	802	735	777
	2	Cuddapah	0.00%	95.15%	4.85%	4.85%	809	754	784
	3	Kurnool	0.00%	99.99%	0.01%	0.01%	801	746	775
	4	Maheshwaram	0.00%	98.00%	2.00%	2.00%	807	750	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	745	769
	6	Nizamabad	0.00%	93.25%	6.75%	6.75%	811	754	786
	7	Raichur	0.00%	99.68%	0.32%	0.32%	802	753	780
	8	Srikakulam	0.00%	93.68%	6.32%	6.32%	805	756	786
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	793	746	770
	10	Vemagiri	0.00%	88.45%	11.55%	11.55%	807	744	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	785	756	774
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	784	769	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	788	764	777
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	775	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	788	753	769
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	787	742	761
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	768	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	782	749	766
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	397	402
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	401
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	419	395	406
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	290	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	405	383	395
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406
	12	Palatana (400 kV)	0.08%	99.92%	0.00%	0.08%	412	358	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	412	387	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	404	410
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	407
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	404

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