

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
09-Oct-2023 to 15-Oct-2023

Date: 20-Oct-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 09-Oct-2023 to 15-Oct-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%	785	741	766
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	785	741	766
	3	Ajmer	0.00%	99.96%	0.04%	0.00%	802	758	779
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	789	747	773
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	762	767
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	761	766
	7	Anta	0.00%	100.00%	0.00%	0.00%	796	762	780
	8	Ballia	0.00%	100.00%	0.00%	0.00%	774	752	765
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	761	772
	10	Barilly	0.00%	100.00%	0.00%	0.00%	791	744	774
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	786	748	773
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	793	751	773
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	795	751	780
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	790	751	772
	15	Chittorgarh	0.00%	99.77%	0.23%	0.23%	802	761	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	797	741	772
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	788	743	765
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	790	743	775
	19	Hapur	0.00%	100.00%	0.00%	0.00%	793	730	772
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	789	746	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	755	773
	22	Khetri	0.00%	100.00%	0.00%	0.00%	792	749	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	739	774
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	769	740	755
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	783	749	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	784	741	769
	27	Meerut	0.00%	100.00%	0.00%	0.00%	795	741	777
	28	Moaga	0.00%	100.00%	0.00%	0.00%	797	741	770
	29	Orai	0.00%	100.00%	0.00%	0.00%	800	769	787
	30	Phagi	0.00%	99.95%	0.05%	0.05%	801	739	780
	31	Unnao	0.00%	100.00%	0.00%	0.00%	772	743	759
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	765	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	752	770
	2	Aurangabad	0.00%	98.83%	1.17%	1.17%	806	751	779
	3	Banaskantha	0.00%	98.44%	1.56%	1.56%	804	770	786
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	757	771
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	797	761	780
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	791	757	773
	7	Blaspur	0.00%	100.00%	0.00%	0.00%	783	759	772
	8	Bina	0.00%	100.00%	0.00%	0.00%	790	763	778
	9	Champa	0.00%	100.00%	0.00%	0.00%	799	768	790
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	767	779
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	755	774
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	786	747	776
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	799	775	788
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	795	762	781
	15	Indore	0.00%	100.00%	0.00%	0.00%	787	756	773
	16	Jabalpur	0.00%	99.59%	0.41%	0.41%	802	777	790
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	789	758	774
	18	Koradi	0.00%	100.00%	0.00%	0.00%	786	752	765
	19	Lakadia	0.00%	97.37%	2.63%	2.63%	807	767	785
	20	New Parli	0.00%	98.57%	1.43%	1.43%	807	756	781
	21	Padghe	0.00%	98.01%	1.99%	1.99%	812	746	778
	22	Pune	0.00%	98.69%	1.31%	1.31%	811	749	775
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	778	788
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	777	787
	25	Rainandgaon	0.00%	99.87%	0.13%	0.13%	801	770	788
	26	Sasan	0.00%	100.00%	0.00%	0.00%	788	773	781
	27	Satna	0.00%	100.00%	0.00%	0.00%	795	776	786
	28	Seoni	0.00%	100.00%	0.00%	0.00%	794	759	777
	29	Sipat	0.00%	100.00%	0.00%	0.00%	784	762	773
	30	Solapur	0.00%	97.66%	2.34%	2.34%	811	767	783
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	795	776	787
	32	Tirora	0.00%	100.00%	0.00%	0.00%	771	755	763
33	Vadodara	0.00%	98.50%	1.50%	1.50%	804	756	778	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	777	784	
35	Wardha	0.00%	98.41%	1.59%	1.59%	806	758	783	
36	Warora	0.00%	100.00%	0.00%	0.00%	799	765	782	
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	792	738	769
	2	Cuddapah	0.00%	94.33%	5.67%	5.67%	806	751	784
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	799	743	774
	4	Maheshwaram	0.00%	94.84%	5.16%	5.16%	809	749	780
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	797	745	774
	6	Nizamabad	0.00%	91.58%	8.42%	8.42%	815	756	783
	7	Raichur	0.00%	98.75%	1.25%	1.25%	805	749	778
	8	Srikulam	0.00%	99.66%	0.34%	0.34%	803	748	779
	9	Thiruvalam	0.00%	97.70%	2.30%	2.30%	801	742	778
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	789	751	768
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	754	778
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	788	776	782
	3	Gaya	0.00%	100.00%	0.00%	0.00%	777	761	769
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	779	790
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	790	751	771
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	788	740	765
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	782
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	773	748	759
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%	411	396	404
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	421	401	410
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	401	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	404	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	416	395	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	404
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	394	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	409	381	393
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	395
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	397	404
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	425	406	413
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	408	396	402

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