

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
11-Sep-2023 to 17-Sep-2023

Date: 22-Sep-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 11-Sep-2023 to 17-Sep-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	737	767
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	786	737	767
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	798	761	782
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	796	745	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	760	769
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	757	767
	7	Anta	0.00%	100.00%	0.00%	0.00%	793	767	781
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	747	765
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	756	770
	10	Barailly	0.00%	100.00%	0.00%	0.00%	798	741	772
	11	Bhadia	0.00%	100.00%	0.00%	0.00%	788	750	772
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	793	755	776
	13	Bhawani	0.00%	100.00%	0.00%	0.00%	793	750	776
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	792	753	773
	15	Chittorgarh	0.00%	99.90%	0.10%	0.10%	802	759	783
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	793	746	773
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	747	771
	18	Greater Noida	0.00%	99.99%	0.01%	0.01%	800	742	771
	19	Hapur	0.00%	99.46%	0.54%	0.54%	810	736	765
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	787	742	770
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	748	772
	22	Khetri	0.00%	100.00%	0.00%	0.00%	789	751	773
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	791	742	767
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	770	740	757
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	792	745	770
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	794	740	769
	27	Mesrut	0.00%	100.00%	0.00%	0.00%	799	744	772
	28	Moaga	0.00%	100.00%	0.00%	0.00%	790	740	768
	29	Orai	0.00%	99.99%	0.01%	0.01%	800	760	783
	30	Phagi	0.00%	100.00%	0.00%	0.00%	798	757	781
	31	Unnao	0.00%	100.00%	0.00%	0.00%	789	738	763
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	791	760	777
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	756	772
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	752	776
	3	Banaskantha	0.00%	98.15%	1.85%	1.85%	804	764	788
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	748	773
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	799	755	783
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	789	751	777
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	787	762	775
	8	Bina	0.00%	100.00%	0.00%	0.00%	794	756	777
	9	Champa	0.00%	99.92%	0.08%	0.08%	801	755	783
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	761	774
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	752	778
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	790	751	770
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	799	772	784
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	782
	15	Indore	0.00%	100.00%	0.00%	0.00%	794	749	776
	16	Jabalpur	0.00%	99.78%	0.22%	0.22%	802	769	785
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	792	752	777
	18	Koradi	0.00%	100.00%	0.00%	0.00%	776	754	765
	19	Lakadia	0.00%	95.25%	4.75%	4.75%	808	759	790
	20	New Parli	0.00%	100.00%	0.00%	0.00%	799	761	784
	21	Padghe	0.00%	99.75%	0.25%	0.25%	802	748	780
	22	Pune	0.00%	99.76%	0.24%	0.24%	802	744	778
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	772	783
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	770	782
	25	Rainandgaon	0.00%	99.81%	0.19%	0.19%	801	772	787
	26	Sasan	0.00%	100.00%	0.00%	0.00%	792	769	780
	27	Satna	0.00%	99.75%	0.25%	0.25%	800	767	784
	28	Seoni	0.00%	100.00%	0.00%	0.00%	794	764	779
	29	Sipat	0.00%	100.00%	0.00%	0.00%	787	766	776
	30	Solapur	0.00%	99.69%	0.31%	0.31%	802	762	785
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	790	771	781
	32	Tirora	0.00%	100.00%	0.00%	0.00%	775	754	764
33	Vadodara	0.00%	99.04%	0.96%	0.96%	802	746	784	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	777	783	
35	Wardha	0.00%	100.00%	0.00%	0.00%	793	759	779	
36	Warora	0.00%	100.00%	0.00%	0.00%	798	765	783	
SR	1	Chilakaluripeta	0.00%	100.00%	0.00%	0.00%	783	744	767
	2	Cuddapah	0.00%	98.17%	1.83%	1.83%	805	755	783
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	793	746	774
	4	Maheshwaram	0.00%	97.11%	2.89%	2.89%	804	754	781
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	785	745	769
	6	Nizamabad	0.00%	85.82%	14.18%	14.18%	807	757	787
	7	Raichur	0.00%	100.00%	0.00%	0.00%	795	751	778
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	790	752	775
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	794	735	767
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	748	769
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	777	753	767
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	779	764	774
	3	Gaya	0.00%	100.00%	0.00%	0.00%	795	761	779
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	772	783
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	790	748	771
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	790	742	767
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	764	780
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	788	755	771
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	407	398	402
	2	Balpara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	402
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	400	409
	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	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	410
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	403
	9	Misa (400 kV)	0.01%	99.99%	0.00%	0.01%	412	379	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	411	380	395
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	409	395	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	422	405	413
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	406	395	400

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