

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
28-Aug-2023 to 03-Sep-2023

Date: 7-Sep-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	0.60
2	ER-NR	3	0.75	0.45
3	Import of NR	4	1.00	0.60
4	NEW-SR	2	0.50	0.30
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	4	1.00	0.60
2	ER-NR	4	1.00	0.60
3	Import of NR	4	1.00	0.60
4	NEW-SR	3	0.75	0.45
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 28-Aug-2023 to 03-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%	788	746	768
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	746	768
	3	Ajmer	0.00%	99.83%	0.17%	0.00%	801	750	775
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	791	745	771
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	760	766
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	758	764
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	759	776
	8	Ballia	0.00%	100.00%	0.00%	0.00%	776	751	766
	9	Bara	0.00%	100.00%	0.00%	0.00%	776	759	767
	10	Barailly	0.00%	100.00%	0.00%	0.00%	795	759	772
	11	Bhadla	0.01%	99.99%	0.00%	0.01%	787	710	771
	12	Bhadla II	0.01%	99.99%	0.00%	0.01%	792	715	772
	13	Bhivani	0.00%	100.00%	0.00%	0.00%	796	756	777
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	793	745	773
	15	Chittorgarh	0.00%	99.17%	0.83%	0.83%	806	747	780
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	794	700	771
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	786	757	772
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	792	743	771
	19	Hapur	0.00%	100.00%	0.00%	0.00%	797	734	767
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	789	747	771
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	754	771
	22	Khetri	0.00%	100.00%	0.00%	0.00%	793	751	774
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	799	748	772
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	743	755
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	790	748	769
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	791	747	773
	27	Mesrut	0.00%	100.00%	0.00%	0.00%	798	760	775
	28	Moaga	0.00%	100.00%	0.00%	0.00%	798	754	769
	29	Orai	0.00%	100.00%	0.00%	0.00%	798	766	781
	30	Phagi	0.00%	100.00%	0.00%	0.00%	797	756	777
	31	Unnao	0.00%	100.00%	0.00%	0.00%	773	742	756
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	763	776
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	757	773
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	754	777
	3	Banaskantha	0.00%	97.38%	2.62%	0.00%	812	753	788
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	781	751	769
	5	Bhuj	0.00%	98.54%	1.46%	1.46%	803	751	783
	6	Bhuj II	0.00%	99.99%	0.01%	0.01%	800	744	780
	7	Blasapur	0.00%	100.00%	0.00%	0.00%	786	762	776
	8	Bina	0.00%	100.00%	0.00%	0.00%	788	762	775
	9	Champa	0.00%	87.91%	12.09%	12.09%	809	762	792
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	791	764	779
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	753	778
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	793	749	779
	13	Gadawara	0.00%	100.00%	0.00%	0.00%	795	771	785
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	795	765	779
	15	Indore	0.00%	100.00%	0.00%	0.00%	786	750	773
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	799	775	788
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	752	776
	18	Koradi	0.00%	100.00%	0.00%	0.00%	777	755	766
	19	Lakadia	0.00%	84.04%	15.96%	15.96%	811	751	791
	20	New Parli	0.00%	99.13%	0.87%	0.87%	805	755	785
	21	Padghe	0.00%	97.89%	2.11%	2.11%	807	751	783
	22	Pune	0.00%	97.78%	2.22%	2.22%	807	745	781
	23	Raigarh Pooling	0.00%	99.94%	0.06%	0.06%	800	769	788
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	767	787
	25	Rainandgaon	0.00%	99.13%	0.87%	0.87%	802	769	790
	26	Sasan	0.00%	100.00%	0.00%	0.00%	786	772	779
	27	Satna	0.00%	100.00%	0.00%	0.00%	792	765	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	790	763	778
	29	Sipat	0.00%	100.00%	0.00%	0.00%	787	764	778
	30	Solapur	0.00%	97.07%	2.93%	2.93%	805	756	785
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	799	767	788
	32	Tirora	0.00%	100.00%	0.00%	0.00%	774	757	765
33	Vadodara	0.00%	99.34%	0.66%	0.66%	802	746	785	
34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	775	782	
35	Wardha	0.00%	100.00%	0.00%	0.00%	796	751	779	
36	Warora	0.00%	100.00%	0.00%	0.00%	799	758	783	
SR	1	Chilakaluripeta	0.00%	96.31%	3.69%	3.69%	808	751	781
	2	Cuddapah	0.00%	86.09%	13.91%	13.91%	812	754	788
	3	Kurnool	0.00%	99.97%	0.03%	0.03%	800	747	777
	4	Maheshwaram	0.00%	99.98%	0.02%	0.02%	800	750	776
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	787	748	769
	6	Nizamabad	0.00%	96.15%	3.85%	3.85%	812	748	783
	7	Raichur	0.00%	99.84%	0.16%	0.16%	801	746	780
	8	Srikulam	0.00%	93.50%	6.50%	6.50%	811	746	787
	9	Thiruvalam	0.00%	100.00%	0.00%	0.00%	800	746	773
	10	Vemagiri	0.00%	88.64%	11.36%	11.36%	808	754	787
ER	1	Angul	0.00%	99.99%	0.01%	0.01%	801	743	775
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	795	761	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	785	761	775
	4	Jharsuguda	0.00%	98.10%	1.90%	1.90%	805	765	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	792	755	774
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	796	749	771
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	796	765	783
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	777	754	765
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%	409	397	403
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	409
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	406
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	409
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	411
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	403
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	395	403
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	406	383	395
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	411	395	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	411
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	414	394	406
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	395	402

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