

GRID CONTROLLER OF INDIA LIMITED
(Formerly known as POWER SYSTEM OPERATION CORPORATION LIMITED)
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 24-07-2023
System Reliability Indices Report for: 23-07-2023

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	16	4.00	16.67
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	NER Import	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

1	WR-NR	6	1.50	6.25
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	NER Import	0	0.00	0.00

Voltage Profile for the day of 23-07-2023

Region	Sr.No.	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%	790	747	771
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	747	771
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	792	752	773
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	785	740	767
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	754	764
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	751	761
	7	Anta	0.00%	100.00%	0.00%	0.00%	791	761	780
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	741	766
	9	Bara	0.00%	100.00%	0.00%	0.00%	783	754	770
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	798	743	773
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	788	753	767
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	793	754	769
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	788	753	772
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	791	755	768
	15	Chittorgarh	0.00%	98.13%	1.88%	1.88%	803	764	782
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	791	747	768
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	741	774
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	790	744	770
	19	Hapur	0.00%	100.00%	0.00%	0.00%	792	743	769
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	783	744	767
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	739	766
	22	Khetri	0.00%	100.00%	0.00%	0.00%	785	752	770
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	790	746	769
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	771	744	758
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	742	771
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	793	750	775
	27	Meerut	0.00%	100.00%	0.00%	0.00%	795	752	775
	28	Moga	0.00%	100.00%	0.00%	0.00%	784	743	763
	29	Orai	0.00%	100.00%	0.00%	0.00%	792	748	776
	30	Phagi	0.00%	100.00%	0.00%	0.00%	788	748	773
	31	Unnao	0.00%	100.00%	0.00%	0.00%	780	737	761
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	785	750	771
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	795	771	783
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	770	779
	3	Banaskantha	0.00%	97.99%	2.01%	2.01%	804	779	790
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	765	779
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	794	774	783
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	789	767	776
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	763	774
	8	Bina	0.00%	100.00%	0.00%	0.00%	789	756	777
	9	Champa	0.00%	90.00%	10.00%	10.00%	805	762	784
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	757	773
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	770	780
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	797	769	786
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	794	747	775
	15	Indore	0.00%	100.00%	0.00%	0.00%	786	763	776
	16	Jabalpur	0.00%	100.00%	0.00%	0.00%	795	764	784
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	788	767	778
	18	Koradi	0.00%	100.00%	0.00%	0.00%	788	764	776
	19	Lakadia	0.00%	99.93%	0.07%	0.07%	801	780	788
	20	New Parli	0.00%	99.86%	0.14%	0.14%	800	779	790
	21	Padghe	0.00%	100.00%	0.00%	0.00%	793	776	791
	22	Pune	0.00%	100.00%	0.00%	0.00%	792	762	781
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	771	785
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	769	784
	25	Rajnandgaon	0.00%	87.71%	12.29%	12.29%	804	779	793
	26	Sasan	0.00%	100.00%	0.00%	0.00%	784	762	775
	27	Satna	0.00%	100.00%	0.00%	0.00%	792	762	782
	28	Seoni	0.00%	100.00%	0.00%	0.00%	795	770	784
	29	Sipat	0.00%	100.00%	0.00%	0.00%	784	765	776
	30	Solapur	0.00%	100.00%	0.00%	0.00%	799	771	787
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	794	771	785
	32	Tirora	0.00%	100.00%	0.00%	0.00%	780	752	770
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	791	773	782
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	788	766	779
	35	Wardha	0.00%	99.79%	0.21%	0.21%	802	780	790
	36	Warora	0.00%	99.93%	0.07%	0.07%	800	777	789
	SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	780	756
2		Cuddapah	0.00%	99.51%	0.49%	0.49%	801	770	790
3		Kurnool	0.00%	100.00%	0.00%	0.00%	794	758	781
4		Maheshwaram	0.00%	99.51%	0.49%	0.49%	801	767	788
5		Nellore PS	0.00%	100.00%	0.00%	0.00%	786	759	775
6		Nizamabad	0.00%	77.64%	22.36%	22.36%	802	787	795
7		Raichur	0.00%	100.00%	0.00%	0.00%	795	760	783
8		Srikulam	0.00%	100.00%	0.00%	0.00%	794	778	787
9		Thiruvalem	0.00%	100.00%	0.00%	0.00%	786	760	775
10		Vemagiri	0.00%	100.00%	0.00%	0.00%	784	774	780
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	784	766	778
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	784	769	780
	3	Gaya	0.00%	100.00%	0.00%	0.00%	775	743	762
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	773	789
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	784	748	767
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	781	746	763
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	791	762	777
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	778	746	765
NER	2	Balipara	0.00%	100.00%	0.00%	0.00%	407	398	403
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	413	400	409
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	408	400	405
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	412	396	409
	7	Imphal	0.00%	100.00%	0.00%	0.00%	410	398	404
	8	Kameng	0.00%	100.00%	0.00%	0.00%	406	398	403
	9	Misa	0.00%	100.00%	0.00%	0.00%	407	398	403
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	412	398	405
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	410	400	405
	12	Palatana	0.00%	100.00%	0.00%	0.00%	410	402	408
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	408	402	405
	14	Ranganadi	0.00%	100.00%	0.00%	0.00%	416	407	412
	15	Silchar	0.00%	100.00%	0.00%	0.00%	411	402	406
	16	Surajmani Nagar(Sterlite)	0.00%	100.00%	0.00%	0.00%	408	402	405

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