

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-Sep-2024 to 15-Sep-2024

Date: 19-Sep-2024

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	18	4.50	2.68
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	4	1.00	0.60
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-Sep-2024 to 15-Sep-2024

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%	99.99%	0.01%	0.01%	800	758	781
	2	Agra (Fatehabad)	0.00%	99.99%	0.01%	0.01%	800	758	781
	3	Ajmer	0.00%	99.32%	0.68%	0.68%	800	747	786
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	790	747	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	786	757	772
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	755	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	798	770	782
	9	Bara	0.00%	100.00%	0.00%	0.00%	780	756	770
	10	Bareilly	0.00%	98.62%	1.38%	1.38%	804	754	781
	11	Bhadla	0.00%	99.99%	0.01%	0.01%	800	729	779
	12	Bhadla II	0.01%	99.99%	0.00%	0.01%	796	725	780
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	748	782
	14	Bikaner	0.03%	99.97%	0.00%	0.03%	796	720	780
	15	Chittorgarh	0.00%	99.44%	0.56%	0.56%	802	762	786
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	799	715	776
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	747	773
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	798	756	778
	19	Hapur	0.00%	100.00%	0.00%	0.00%	798	747	774
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	737	775
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	750	774
	22	Khetri	0.00%	99.99%	0.01%	0.01%	800	732	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	795	738	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	750	764
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	794	744	773
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	788	733	766
	27	Meerut	0.00%	99.54%	0.46%	0.46%	802	746	779
	28	Moga	0.00%	100.00%	0.00%	0.00%	800	740	780
	29	Orai	0.00%	99.78%	0.22%	0.22%	802	760	786
	30	Phagi	0.00%	99.95%	0.05%	0.05%	801	759	784
	31	Unnao	0.00%	100.00%	0.00%	0.00%	792	738	767
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	794	759	778
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	752
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	791	751	773
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	800	761	785
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	757	775
5		Bhuj	0.00%	100.00%	0.00%	0.00%	795	748	778
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	788	744	773
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	757	770
8		Bina	0.00%	100.00%	0.00%	0.00%	794	758	780
9		Champa	0.00%	97.08%	2.92%	2.92%	807	766	781
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	748	764
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	760	774
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	749	772
13		Gadarwara	0.00%	99.75%	0.25%	0.25%	802	772	788
14		Gwalior	0.00%	100.00%	0.00%	0.00%	800	763	785
15		Indore	0.00%	100.00%	0.00%	0.00%	787	757	773
16		Jabalpur	0.00%	98.84%	1.16%	1.16%	803	767	789
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	787	761	774
18		Koradi	0.00%	100.00%	0.00%	0.00%	778	748	763
19		Lakadia	0.00%	99.94%	0.06%	0.06%	802	756	784
20		New Parli	0.00%	99.88%	0.12%	0.12%	800	758	782
21		Padghe	0.00%	100.00%	0.00%	0.00%	797	751	772
22		Pune	0.00%	100.00%	0.00%	0.00%	797	745	772
23		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	771	780
24		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	771	779
25		Rajnandgaon	0.00%	99.72%	0.28%	0.28%	803	766	784
26		Sasan	0.00%	100.00%	0.00%	0.00%	794	767	783
27		Satna	0.00%	98.41%	1.59%	1.59%	803	769	790
28		Seoni	0.00%	100.00%	0.00%	0.00%	797	763	780
29		Sipat	0.00%	100.00%	0.00%	0.00%	787	760	772
30		Solapur	0.00%	100.00%	0.00%	0.00%	800	758	780
31		Tamnar	0.00%	100.00%	0.00%	0.00%	796	770	781
32		Tirora	0.00%	100.00%	0.00%	0.00%	772	747	758
33		Vadodara	0.00%	100.00%	0.00%	0.00%	796	759	775
34		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	769	786
35		Wardha	0.00%	100.00%	0.00%	0.00%	797	753	778
36		Warora	0.00%	100.00%	0.00%	0.00%	798	757	783
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	789	743	770
	2	Cuddapah	0.00%	100.00%	0.00%	0.00%	799	756	779
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	795	750	773
	4	Maheshwaram	0.00%	100.00%	0.00%	0.00%	799	749	779
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	752	771
	6	Nizamabad	0.00%	99.03%	0.97%	0.97%	800	753	784
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	751	774
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	796	748	779
	9	Thiruvallur	0.00%	100.00%	0.00%	0.00%	790	752	773
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	744	776
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	778	749	768
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	786	762	772
	3	Gaya	0.00%	100.00%	0.00%	0.00%	787	756	775
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	767	780
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	792	745	768
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	792	736	762
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	794	758	779
	8	Sasaram	0.00%	99.88%	0.12%	0.12%	801	750	772
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	395	401
	3	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	405
	4	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	407
	5	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	409
	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%	413	395	403
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	396	402
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	402
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	405
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	406
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	394	402
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	405
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	407
	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.