

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-Nov-2022 to 04-Dec-2022

Date: 9-Dec-2022

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 28-Nov-2022 to 04-Dec-2022

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%	799	748	776	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	799	748	772	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	797	740	766	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	797	740	766	
	5	Anta	0.00%	99.71%	0.29%	0.29%	801	758	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	788	748	770	
	7	Bara	0.00%	100.00%	0.00%	0.00%	790	763	769	
	8	Bhiwani	0.00%	99.88%	0.12%	0.12%	801	755	778	
	9	Bareilly	0.00%	99.01%	0.99%	0.99%	805	752	781	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	798	746	773	
	11	Greater Noida	0.00%	99.96%	0.04%	0.04%	801	742	778	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	747	776	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	743	773	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	751	778	
	17	Moga	0.00%	91.04%	8.96%	8.96%	810	737	775	
	18	Phagi	0.00%	99.86%	0.14%	0.14%	803	748	777	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	795	747	774	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	797	735	765	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	798	748	775
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	746	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	748	771	
4		Bilaspur	0.00%	99.96%	0.04%	0.04%	801	758	777	
5		Bina	0.00%	100.00%	0.00%	0.00%	794	747	774	
6		Champa	0.00%	89.55%	10.45%	10.45%	807	747	782	
7		Dharamjaigarh	0.00%	99.95%	0.05%	0.05%	800	751	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	735	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	798	735	768	
10		Gwalior	0.00%	99.94%	0.06%	0.06%	801	754	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	795	746	772	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	758	784	
13		Koradi	0.00%	99.88%	0.12%	0.12%	801	749	775	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	743	779	
15		Raigarh Pooling	0.00%	99.80%	0.20%	0.20%	803	736	782	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	797	773	787	
17		Sasan	0.00%	100.00%	0.00%	0.00%	787	765	778	
18		Satna	0.00%	100.00%	0.00%	0.00%	796	748	780	
19		Seoni	0.00%	99.95%	0.05%	0.05%	801	741	775	
20		Sipat	0.00%	100.00%	0.00%	0.00%	800	746	775	
21		Solapur	0.00%	100.00%	0.00%	0.00%	798	753	781	
22		Tamnar	0.00%	99.10%	0.90%	0.90%	805	763	787	
23		Tirora	0.00%	99.79%	0.21%	0.21%	803	736	764	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	786	766	778	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	766	776	
26		Wardha	0.00%	100.00%	0.00%	0.00%	789	766	776	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	798	741	774	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	799	743	774	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	800	744	777	
	3	Raichur	0.00%	99.99%	0.01%	0.01%	801	747	775	
	4	Nizamabad	0.00%	87.93%	12.07%	12.07%	809	754	780	
	5	Srikakulam	0.00%	99.76%	0.24%	0.24%	800	753	786	
	6	Thiruvallam	0.00%	99.76%	0.24%	0.24%	800	753	777	
	7	Vemagiri	0.00%	99.99%	0.01%	0.01%	800	749	777	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	747	774	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	786	752	767	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	796	769	771	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	795	765	784	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	796	739	762	
NER	1	Azara (400 kV)	0.00%	99.48%	0.52%	0.52%	420	404	411	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	393	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	399	410	
	4	Bongaigaon TPS (400 kV)	0.00%	53.45%	46.55%	46.55%	788	405	568	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	400	406	
	6	Misa (400 kV)	0.00%	57.14%	42.86%	42.86%	771	397	559	
	7	Ranganadi (400 kV)	0.00%	50.89%	49.11%	49.11%	792	406	569	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	398	409	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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