

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
04-Nov-2024 to 10-Nov-2024

Date: 12-Nov-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	1	0.25	0.15
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.15
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	1	0.25	0.15
3	Import of NR	0	0.00	0.00
4	NEW-SR	1	0.25	0.15
4	ER-NER	1	0.25	0.15

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 04-Nov-2024 to 10-Nov-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 IECG band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	1 Agra	0.00%	100.00%	0.00%	0.00%	795	756	778
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	756	778
	3 Almer	0.00%	99.75%	0.25%	0.25%	802	748	781
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	792	747	775
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	782	766	773
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	780	762	771
	7 Anta	0.00%	100.00%	0.00%	0.00%	793	757	779
	9 Bara	0.00%	100.00%	0.00%	0.00%	776	758	767
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	795	754	778
	11 Bhadla	0.01%	99.98%	0.01%	0.02%	808	719	779
	12 Bhadla II	0.00%	99.99%	0.01%	0.01%	810	738	781
	13 Bhiwani	0.00%	99.45%	0.55%	0.55%	805	756	784
	14 Bikaner	0.00%	100.00%	0.00%	0.00%	799	736	782
	15 Chittorgarh II	0.00%	100.00%	0.00%	0.00%	797	755	778
	16 Fatehgarh II	0.01%	99.98%	0.01%	0.02%	809	707	775
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	788	748	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	799	757	782
	19 Hapur	0.00%	100.00%	0.00%	0.00%	799	750	778
	20 Jhatikara	0.00%	100.00%	0.00%	0.00%	796	739	778
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	751	771
	22 Khetri	0.01%	99.97%	0.02%	0.03%	801	715	781
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	797	753	777
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	778	751	763
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	792	753	772
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	781	739	765
	27 Meerut	0.00%	99.30%	0.70%	0.70%	803	755	782
	28 Moga	0.00%	99.69%	0.31%	0.31%	804	741	776
	29 Orai	0.00%	99.91%	0.09%	0.09%	801	763	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	798	747	779
	31 Ummao	0.00%	100.00%	0.00%	0.00%	786	758	771
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	786	760	773
	1 Akola	0.00%	100.00%	0.00%	0.00%	780	744	766
WR	2 Aurangabad	0.00%	100.00%	0.00%	0.00%	792	746	771
	3 Barasankha	0.00%	100.00%	0.00%	0.00%	793	751	777
	4 Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	743	766
	5 Bhuj	0.00%	100.00%	0.00%	0.00%	792	745	773
	6 Bhuj II	0.00%	100.00%	0.00%	0.00%	787	744	770
	7 Bilaspur	0.00%	100.00%	0.00%	0.00%	780	755	767
	8 Bina	0.00%	100.00%	0.00%	0.00%	790	756	773
	9 Champa	0.00%	98.94%	1.06%	1.06%	803	773	786
	10 Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	760	770
	11 Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	749	772
	12 Ektuni	0.00%	100.00%	0.00%	0.00%	784	741	767
	13 Gadawara	0.00%	100.00%	0.00%	0.00%	795	764	780
	14 Gwalior	0.01%	99.99%	0.00%	0.01%	798	710	779
	15 Indore	0.00%	100.00%	0.00%	0.00%	788	744	767
	16 Jabalpur	0.00%	100.00%	0.00%	0.00%	798	766	781
	17 Khandwa PS	0.00%	100.00%	0.00%	0.00%	790	748	769
	18 Koradi	0.00%	100.00%	0.00%	0.00%	770	744	760
	19 Lakadla	0.00%	100.00%	0.00%	0.00%	798	751	776
	20 New Parli	0.00%	100.00%	0.00%	0.00%	795	754	778
	21 Padghe	0.00%	99.84%	0.16%	0.16%	802	745	773
	22 Pune	0.00%	99.38%	0.63%	0.63%	803	750	777
	23 Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	773	783
	24 Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	771	782
	25 Rajnandgaon	0.00%	100.00%	0.00%	0.00%	799	765	782
	26 Sasan	0.00%	100.00%	0.00%	0.00%	786	766	774
	27 Satna	0.00%	100.00%	0.00%	0.00%	797	766	780
	28 Seoni	0.00%	100.00%	0.00%	0.00%	789	754	774
	29 Sipat	0.00%	100.00%	0.00%	0.00%	780	758	768
	30 Solapur	0.00%	100.00%	0.00%	0.00%	797	756	779
	31 Tamnar	0.00%	100.00%	0.00%	0.00%	794	773	782
	32 Tirora	0.00%	100.00%	0.00%	0.00%	768	747	760
	33 Vadodara	0.00%	100.00%	0.00%	0.00%	796	744	770
	34 Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	768	777
	35 Wardha	0.00%	100.00%	0.00%	0.00%	790	752	774
	36 Warora	0.00%	100.00%	0.00%	0.00%	795	756	777
	SR	1 Chalakuripeta	0.00%	98.90%	1.10%	1.10%	803	753
2 Cuddapah		0.00%	96.15%	3.85%	3.85%	806	756	784
3 Kurnool		0.00%	100.00%	0.00%	0.00%	799	756	780
4 Maheshwaram		0.00%	93.17%	6.83%	6.83%	807	766	788
5 Nellore PS		0.00%	100.00%	0.00%	0.00%	798	758	778
6 Nizamabad		0.00%	97.54%	2.46%	2.46%	804	768	788
7 Raichur		0.00%	100.00%	0.00%	0.00%	799	760	781
8 Snikakulam		0.00%	100.00%	0.00%	0.00%	799	762	782
9 Thiruvalam		0.00%	100.00%	0.00%	0.00%	790	739	766
10 Vernagiri		0.00%	97.73%	2.27%	2.27%	802	758	780
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	789	755	774
	2 Daripalli	0.00%	100.00%	0.00%	0.00%	787	767	777
	3 Gaya	0.00%	100.00%	0.00%	0.00%	777	753	765
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	773	786
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	781	752	768
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	776	743	761
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	791	766	781
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	781	749	764
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	408
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	395	403
	3 Biswanath Charai (400 kV)	0.00%	100.00%	0.00%	0.00%	409	397	404
	4 Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	408
	5 Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	410
	6 Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	419	404	412
	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%	408	396	402
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	416	394	406
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	405
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	411	394	402
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	405
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408
	16 Surajmani Nagar (Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	394	402

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