

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

Date of Reporting: 20-12-2024
System Reliability Indices Report for: 19-12-2024

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	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	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	NER Import	0	0.00	0.00

Voltage Profile for the day of 19-12-2024

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%	797	0	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	0	779
	3	Ajmer	0.00%	98.96%	1.04%	1.04%	803	0	784
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	793	0	777
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	0	777
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	782	0	774
	7	Anta	0.00%	100.00%	0.00%	0.00%	792	0	778
	8	Ballia	0.00%	100.00%	0.00%	0.00%	783	0	771
	9	Bara	0.00%	100.00%	0.00%	0.00%	781	0	772
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	796	0	779
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	793	0	781
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	0	784
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	0	784
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	796	0	783
	15	Chittorgarh	0.00%	98.26%	1.74%	1.74%	802	0	783
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	789	0	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	0	768
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	0	784
	19	Hapur	0.00%	97.01%	2.99%	2.99%	802	0	782
	20	Jhatikara	0.00%	100.00%	0.00%	0.00%	795	0	779
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	0	774
	22	Khetri	0.00%	99.93%	0.07%	0.07%	800	0	780
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	797	0	778
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	773	0	762
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	788	0	775
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	785	0	769
	27	Meerut	0.00%	98.33%	1.67%	1.67%	802	0	784
	28	Moga	0.00%	99.65%	0.35%	0.35%	801	0	777
	29	Orai	0.00%	98.40%	1.60%	1.60%	801	0	788
	30	Phagi	0.00%	99.86%	0.14%	0.14%	800	0	782
	31	Unnao	0.00%	100.00%	0.00%	0.00%	781	0	768
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	786	0	774
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	0	777
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	0	773
	3	Banaskantha	0.00%	86.10%	13.90%	13.90%	804	0	785
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	0	770
	5	Bhuj	0.00%	100.00%	0.00%	0.00%	791	0	778
	6	Bhuj II	0.00%	100.00%	0.00%	0.00%	785	0	772
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	778	0	768
	8	Bina	0.00%	100.00%	0.00%	0.00%	796	0	780
	9	Champa	0.00%	86.17%	13.83%	13.83%	805	0	793
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	0	775
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	0	775
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	791	0	772
	13	Gadarwara	0.00%	100.00%	0.00%	0.00%	799	0	785
	14	Gwalior	0.00%	100.00%	0.00%	0.00%	796	0	783
	15	Indore	0.00%	100.00%	0.00%	0.00%	791	0	772
	16	Jabalpur	0.00%	92.84%	7.16%	7.16%	804	0	789
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	791	0	772
	18	Koradi	0.00%	100.00%	0.00%	0.00%	782	0	772
	19	Lakadia	0.00%	99.79%	0.21%	0.21%	800	0	785
	20	New Parli	0.00%	100.00%	0.00%	0.00%	795	0	781
	21	Padghe	0.00%	100.00%	0.00%	0.00%	793	0	779
	22	Pune	0.00%	99.79%	0.21%	0.21%	801	0	783
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	0	785
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	0	784
	25	Rajnandgaon	0.00%	100.00%	0.00%	0.00%	796	0	783
	26	Sasan	0.00%	100.00%	0.00%	0.00%	786	0	777
	27	Satna	0.00%	100.00%	0.00%	0.00%	794	0	784
	28	Seoni	0.00%	100.00%	0.00%	0.00%	791	0	775
	29	Sipat	0.00%	100.00%	0.00%	0.00%	777	0	768
	30	Solapur	0.00%	100.00%	0.00%	0.00%	795	0	782
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	792	0	783
	32	Tirora	0.00%	100.00%	0.00%	0.00%	776	0	769
	33	Vadodara	0.00%	95.55%	4.45%	4.45%	804	0	781
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	789	0	780
	35	Wardha	0.00%	100.00%	0.00%	0.00%	790	0	771
	36	Warora	0.00%	100.00%	0.00%	0.00%	794	0	780
SR	1	Chillakaluripeta	0.00%	100.00%	0.00%	0.00%	784	0	768
	2	Cuddapah	0.00%	99.65%	0.35%	0.35%	802	0	785
	3	Kumool	0.00%	100.00%	0.00%	0.00%	796	0	780
	4	Maheshwaram	0.00%	98.96%	1.04%	1.04%	801	0	785
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	0	779
	6	Nizamabad	0.00%	100.00%	0.00%	0.00%	799	0	778
	7	Raichur	0.00%	100.00%	0.00%	0.00%	796	0	782
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	794	0	780
	9	Thiruvalem	0.00%	100.00%	0.00%	0.00%	788	0	774
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	784	0	772
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	0	778
	2	Darlipalli	0.00%	100.00%	0.00%	0.00%	788	0	779
	3	Gaya	0.00%	100.00%	0.00%	0.00%	781	0	768
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	799	0	788
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	775	0	762
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	764	0	750
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	792	0	779
	8	Sasaram	0.00%	100.00%	0.00%	0.00%	781	0	765
NER	1	Azara/Mirza	0.00%	100.00%	0.00%	0.00%	413	0	409
	2	Balipara	0.00%	100.00%	0.00%	0.00%	415	0	405
	3	Biswanath Chariali	0.00%	100.00%	0.00%	0.00%	416	0	406
	4	Bongaigaon	0.00%	100.00%	0.00%	0.00%	416	0	408
	5	Bongaigaon TPS	0.00%	100.00%	0.00%	0.00%	418	0	410
	6	Byrnihat/killing	0.00%	99.79%	0.00%	0.00%	420	0	411
	7	Imphal	0.00%	100.00%	0.00%	0.00%	412	0	405
	8	Kameng	0.00%	100.00%	0.00%	0.00%	414	0	404
	9	Misa	0.00%	100.00%	0.00%	0.00%	412	0	403
	10	New Kohima	0.00%	100.00%	0.00%	0.00%	414	0	406
	11	New Mariani	0.00%	100.00%	0.00%	0.00%	412	0	406
	12	Palatana	0.00%	100.00%	0.00%	0.00%	411	0	405
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	410	0	400
	14	Silchar	0.00%	100.00%	0.00%	0.00%	417	0	408
	15	Surajmani Nagar(Sterlite)	0.00%	100.00%	0.00%	0.00%	408	0	400

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