

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
05-Aug-2024 to 11-Aug-2024

Date: 13-Aug-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	3	0.75	0.45
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 05-Aug-2024 to 11-Aug-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%	792	728	773
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	728	773
	3	Ajmer	0.00%	99.39%	0.61%	0.00%	809	767	788
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	749	775
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	759	771
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	756	769
	7	Anta	0.00%	100.00%	0.00%	0.00%	793	767	783
	9	Bara	0.00%	100.00%	0.00%	0.00%	793	756	774
	10	Bareilly	0.00%	99.26%	0.74%	0.00%	805	738	773
	11	Bhadla	0.00%	100.00%	0.00%	0.00%	791	752	777
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	795	754	778
	13	Bhwani	0.00%	100.00%	0.00%	0.00%	797	755	780
	14	Bikaner	0.00%	100.00%	0.00%	0.00%	797	751	780
	15	Chittorgarh	0.00%	94.85%	5.15%	5.15%	804	770	790
	16	Fatehgarh II	0.00%	100.00%	0.00%	0.00%	786	744	775
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	749	773
	18	Greater Noida	0.00%	100.00%	0.00%	0.00%	796	751	777
	19	Hapur	0.00%	100.00%	0.00%	0.00%	793	742	770
	20	Jhatkara	0.00%	100.00%	0.00%	0.00%	789	744	772
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	795	748	774
	22	Khetri	0.00%	100.00%	0.00%	0.00%	797	745	777
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	792	750	770
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	772	744	759
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	796	747	768
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	786	740	766
	27	Meerut	0.00%	100.00%	0.00%	0.00%	797	752	777
	28	Moga	0.00%	100.00%	0.00%	0.00%	799	748	780
	29	Orai	0.00%	97.18%	2.82%	2.82%	806	755	786
	30	Phagi	0.00%	99.94%	0.06%	0.06%	801	761	785
	31	Ummao	0.00%	100.00%	0.00%	0.00%	788	740	764
	32	Varanasi	0.00%	100.00%	0.00%	0.00%	789	750	774
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	754	774
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	744	776
	3	Barnaskantha	0.00%	97.05%	2.95%	2.95%	804	765	788
	4	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	762	777
	5	Bhui	0.00%	100.00%	0.00%	0.00%	795	755	779
	6	Bhui II	0.00%	100.00%	0.00%	0.00%	786	746	770
	7	Bilaspur	0.00%	100.00%	0.00%	0.00%	784	757	772
	8	Bina	0.00%	100.00%	0.00%	0.00%	794	755	778
	9	Champa	0.00%	100.00%	0.00%	0.00%	799	757	781
	10	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	754	769
	11	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	752	777
	12	Ektuni	0.00%	100.00%	0.00%	0.00%	787	751	773
	13	Gadarwara	0.00%	99.23%	0.77%	0.77%	802	766	789
	14	Gwalior	0.00%	99.20%	0.80%	0.80%	802	759	785
	15	Indore	0.00%	100.00%	0.00%	0.00%	785	756	774
	16	Jabalpur	0.00%	97.79%	2.21%	2.21%	805	767	789
	17	Khandwa PS	0.00%	100.00%	0.00%	0.00%	786	754	775
	18	Koradi	0.00%	100.00%	0.00%	0.00%	776	750	764
	19	Lakadia	0.00%	99.00%	1.00%	1.00%	802	758	785
	20	New Parli	0.00%	100.00%	0.00%	0.00%	799	750	785
	21	Padghe	0.00%	98.99%	1.01%	1.01%	802	749	780
	22	Pune	0.00%	99.80%	0.20%	0.20%	802	745	778
	23	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	793	764	781
	24	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	791	763	780
	25	Rajinandgaon	0.00%	99.74%	0.26%	0.26%	802	762	787
	26	Sasan	0.00%	100.00%	0.00%	0.00%	792	763	778
	27	Satna	0.00%	97.73%	2.27%	2.27%	805	766	787
	28	Seoni	0.00%	100.00%	0.00%	0.00%	796	761	783
	29	Sipat	0.00%	100.00%	0.00%	0.00%	784	760	773
	30	Solapur	0.00%	100.00%	0.00%	0.00%	797	752	784
	31	Tamnar	0.00%	100.00%	0.00%	0.00%	792	765	781
	32	Tirora	0.00%	100.00%	0.00%	0.00%	770	749	760
	33	Vadodara	0.00%	100.00%	0.00%	0.00%	794	756	778
	34	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	765	781
	35	Wardha	0.00%	100.00%	0.00%	0.00%	795	747	782
	36	Warora	0.00%	100.00%	0.00%	0.00%	799	742	785
SR	1	Chalakuriipeta	0.00%	100.00%	0.00%	0.00%	793	738	776
	2	Cuddapah	0.00%	97.36%	2.64%	2.64%	802	758	787
	3	Kurnool	0.00%	100.00%	0.00%	0.00%	794	748	780
	4	Maheshwaram	0.00%	99.58%	0.42%	0.42%	803	742	784
	5	Nellore PS	0.00%	100.00%	0.00%	0.00%	789	754	777
	6	Nizamabad	0.00%	87.27%	12.73%	12.73%	808	741	790
	7	Raichur	0.00%	100.00%	0.00%	0.00%	792	750	779
	8	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	746	782
	9	Thiruvallam	0.00%	100.00%	0.00%	0.00%	793	747	774
	10	Vemagiri	0.00%	100.00%	0.00%	0.00%	794	748	779
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	744	772
	2	Daripalli	0.00%	100.00%	0.00%	0.00%	787	761	777
	3	Gaya	0.00%	100.00%	0.00%	0.00%	780	742	767
	4	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	768	786
	5	Medinipur	0.00%	100.00%	0.00%	0.00%	787	753	772
	6	New Jeerat	0.00%	100.00%	0.00%	0.00%	785	742	767
	7	Ranchi	0.00%	100.00%	0.00%	0.00%	793	765	782
	8	Sasaram	0.00%	99.41%	0.59%	0.59%	802	749	770
NER	1	Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	409	402	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	404
	3	Biswanath Charaii (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	408
	4	Bongajagan (400 kV)	0.00%	100.00%	0.00%	0.00%	412	390	407
	5	Bongajagan TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410
	6	Byrnihat/Killing (400 kV)	0.00%	100.00%	0.00%	0.00%	420	405	412
	7	Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	405
	8	Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	405
	9	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404
	10	New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	406
	11	New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	406
	12	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	414	400	407
	13	PK Bari	0.00%	100.00%	0.00%	0.00%	414	394	403
	14	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	402	408
	15	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	408
	16	Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	413	392	402

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