

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
15-Jul-2024 to 21-Jul-2024

Date: 26-Jul-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	58	14.50	8.63
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	3	0.75	0.45
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 15-Jul-2024 to 21-Jul-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%	100.00%	0.00%	0.00%	799	752	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	799	752	775
	3	Ajmer	0.00%	100.00%	0.00%	0.00%	799	758	783
	4	Aligarh	0.00%	100.00%	0.00%	0.00%	795	742	770
	5	Anpara-C	0.00%	100.00%	0.00%	0.00%	773	756	765
	6	Anpara-D	0.00%	100.00%	0.00%	0.00%	771	753	762
	7	Anta	0.00%	100.00%	0.00%	0.00%	793	759	778
	9	Bara	0.00%	100.00%	0.00%	0.00%	777	752	764
	10	Bareilly	0.00%	100.00%	0.00%	0.00%	800	754	778
	11	Bhadla	0.02%	99.98%	0.00%	0.02%	795	717	779
	12	Bhadla II	0.00%	100.00%	0.00%	0.00%	798	756	782
	13	Bhiwani	0.00%	100.00%	0.00%	0.00%	797	753	777
	14	Bikaner	0.01%	99.99%	0.00%	0.01%	799	721	781
	15	Chittorgarh	0.00%	99.94%	0.06%	0.06%	803	770	787
	16	Fatehgarh II	0.01%	99.99%	0.00%	0.01%	790	710	779
	17	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	742	766
	18	Greater Noida	0.00%	99.91%	0.09%	0.09%	801	748	775
	19	Hapur	0.00%	100.00%	0.00%	0.00%	797	740	771
	20	Jhajkara	0.00%	100.00%	0.00%	0.00%	790	743	769
	21	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	786	743	766
	22	Khetri	0.00%	100.00%	0.00%	0.00%	800	732	775
	23	Koteshwar	0.00%	100.00%	0.00%	0.00%	792	753	776
	24	Lalitpur	0.00%	100.00%	0.00%	0.00%	782	744	766
	25	Lucknow	0.00%	100.00%	0.00%	0.00%	791	743	771
	26	Mainpuri	0.00%	100.00%	0.00%	0.00%	789	744	767
	27	Meerut	0.00%	100.00%	0.00%	0.00%	797	747	776
	28	Moga	0.00%	99.95%	0.05%	0.05%	804	747	778
	WR	29	Orai	0.00%	100.00%	0.00%	0.00%	798	751
30		Phagi	0.00%	100.00%	0.00%	0.00%	795	742	778
31		Unnao	0.00%	100.00%	0.00%	0.00%	773	734	755
32		Varanasi	0.00%	100.00%	0.00%	0.00%	784	747	768
1		Akola	0.00%	100.00%	0.00%	0.00%	788	755	775
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	794	754	776
3		Banaskantha	0.00%	100.00%	0.00%	0.00%	797	772	788
4		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	754	767
5		Bhuj	0.00%	100.00%	0.00%	0.00%	793	761	783
6		Bhuj II	0.00%	100.00%	0.00%	0.00%	783	758	775
7		Bilaspur	0.00%	100.00%	0.00%	0.00%	782	760	770
8		Bina	0.00%	100.00%	0.00%	0.00%	788	747	768
9		Champa	0.00%	100.00%	0.00%	0.00%	796	767	780
10		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	780	758	771
11		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	785	756	773
12		Ektuni	0.00%	100.00%	0.00%	0.00%	792	752	774
13		Gadawara	0.00%	99.58%	0.42%	0.42%	802	766	784
14		Gwalior	0.00%	100.00%	0.00%	0.00%	793	753	774
15		Indore	0.00%	100.00%	0.00%	0.00%	782	752	767
16		Jabalpur	0.00%	99.88%	0.12%	0.12%	802	760	781
17		Khandwa PS	0.00%	100.00%	0.00%	0.00%	783	756	770
18		Koradi	0.00%	100.00%	0.00%				

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