

**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  
16-Sep-2024 to 22-Sep-2024**

Date: 27-Sep-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	35	8.75	5.21
3	Import of NR	2	0.50	0.30
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	3	0.75	0.45
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 16-Sep-2024 to 22-Sep-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%	796	747	775
	2 Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	747	775
	3 Ajmer	0.00%	99.71%	0.29%	0.29%	804	741	784
	4 Aligarh	0.00%	100.00%	0.00%	0.00%	788	744	769
	5 Anpara-C	0.00%	100.00%	0.00%	0.00%	780	757	769
	6 Anpara-D	0.00%	100.00%	0.00%	0.00%	778	754	767
	7 Anta	0.00%	100.00%	0.00%	0.00%	792	766	780
	9 Bara	0.00%	100.00%	0.00%	0.00%	779	755	767
	10 Bareilly	0.00%	100.00%	0.00%	0.00%	793	745	775
	11 Bhadla	0.02%	99.97%	0.01%	0.03%	815	723	779
	12 Bhadla II	0.02%	99.93%	0.05%	0.07%	801	722	781
	13 Bhiwani	0.00%	100.00%	0.00%	0.00%	798	751	781
	14 Bikaner	0.01%	99.95%	0.04%	0.05%	801	726	780
	15 Chittorgarh	0.00%	99.87%	0.13%	0.13%	803	759	781
	16 Fatehgarh II	0.01%	99.99%	0.00%	0.01%	799	716	778
	17 Fatehpur	0.00%	100.00%	0.00%	0.00%	789	750	771
	18 Greater Noida	0.00%	100.00%	0.00%	0.00%	795	752	775
	19 Hapur	0.00%	100.00%	0.00%	0.00%	793	745	772
	20 Jhatikara	0.01%	99.99%	0.00%	0.01%	796	727	775
	21 Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	745	772
	22 Khetri	0.00%	99.99%	0.01%	0.01%	801	737	777
	23 Koteswar	0.00%	100.00%	0.00%	0.00%	798	751	777
	24 Lalitpur	0.00%	100.00%	0.00%	0.00%	772	742	759
	25 Lucknow	0.00%	100.00%	0.00%	0.00%	791	738	771
	26 Mainpuri	0.00%	100.00%	0.00%	0.00%	786	738	763
	27 Meerut	0.00%	100.00%	0.00%	0.00%	799	748	779
	28 Moga	0.00%	99.76%	0.24%	0.24%	802	741	781
	29 Orai	0.00%	99.86%	0.14%	0.14%	801	755	783
	30 Phagi	0.00%	100.00%	0.00%	0.00%	800	758	782
	31 Unnao	0.00%	100.00%	0.00%	0.00%	783	731	765
	32 Varanasi	0.00%	100.00%	0.00%	0.00%	792	750	776
	WR	1 Akola	0.00%	100.00%	0.00%	0.00%	784	750
2 Aurangabad		0.00%	100.00%	0.00%	0.00%	794	747	773
3 Banaskantha		0.00%	100.00%	0.00%	0.00%	800	751	781
4 Bhopal (BDTCL)		0.00%	100.00%	0.00%	0.00%	786	753	768
5 Bhuj		0.00%	99.91%	0.09%	0.09%	801	742	777
6 Bhuj II		0.00%	100.00%	0.00%	0.00%	795	746	774
7 Bilaspur		0.00%	100.00%	0.00%	0.00%	779	755	770
8 Bina		0.00%	100.00%	0.00%	0.00%	791	754	775
9 Champa		0.00%	94.14%	5.86%	5.86%	807	761	789
10 Dharamjaigarh		0.00%	100.00%	0.00%	0.00%	781	748	768
11 Dhule (BDTCL)		0.00%	100.00%	0.00%	0.00%	786	750	770
12 Ektuni		0.00%	100.00%	0.00%	0.00%	789	747	773
13 Gadawara		0.00%	100.00%	0.00%	0.00%	798	766	784
14 Gwalior		0.00%	100.00%	0.00%	0.00%	797	752	781
15 Indore		0.00%	100.00%	0.00%	0.00%	785	749	766
16 Jabalpur		0.00%	99.65%	0.35%	0.35%	801	763	785
17 Khandwa PS		0.00%	100.00%	0.00%	0.00%	785	752	768
18 Koradi		0.00%	100.00%	0.00%	0.00%	771	747	762
19 Lakadia		0.00%	96.50%	3.50%	3.50%	805	751	781
20 New Parli		0.00%	99.94%	0.06%	0.06%	801	756	782
21 Padghe		0.00%	99.58%	0.42%	0.42%	803	750	780
22 Pune		0.00%	99.91%	0.09%	0.09%	802	744	779
23 Raigarh Pooling		0.00%	100.00%	0.00%	0.00%	798	767	784
24 Raipur Pooling		0.00%	100.00%	0.00%	0.00%	790	767	780
25 Rajnandgaon		0.00%	99.98%	0.02%	0.02%	800	762	786
26 Sasan		0.00%	100.00%	0.00%	0.00%	795	761	782
27 Satna		0.00%	97.05%	2.95%	2.95%	801	775	788
28 Seoni		0.00%	100.00%	0.00%	0.00%	793	757	777
29 Sipat		0.00%	100.00%	0.00%	0.00%	780	758	771
30 Solapur		0.00%	99.87%	0.13%	0.13%	801	752	781
31 Tamnar		0.00%	100.00%	0.00%	0.00%	795	765	783
32 Tirora		0.00%	100.00%	0.00%	0.00%	766	747	758
33 Vadodara		0.00%	100.00%	0.00%	0.00%	792	748	774
34 Vindhychal PS		0.00%	100.00%	0.00%	0.00%	798	764	784
35 Wardha		0.00%	100.00%	0.00%	0.00%	794	751	778
36 Warora		0.00%	100.00%	0.00%	0.00%	798	754	782
SR	1 Chhillakaluripta	0.00%	98.16%	1.84%	1.84%	808	756	780
	2 Cuddapah	0.00%	95.60%	4.40%	4.40%	810	756	785
	3 Kurnool	0.00%	99.92%	0.08%	0.08%	803	749	779
	4 Maheshwaram	0.00%	96.67%	3.33%	3.33%	808	754	782
	5 Nellore PS	0.00%	100.00%	0.00%	0.00%	800	753	774
	6 Nizamabad	0.00%	94.14%	5.86%	5.86%	812	751	783
	7 Raichur	0.00%	99.99%	0.01%	0.01%	801	751	778
	8 Srikakulam	0.00%	99.88%	0.12%	0.12%	801	751	779
	9 Thiruvallam	0.00%	100.00%	0.00%	0.00%	793	750	772
	10 Vemagiri	0.00%	97.38%	2.62%	2.62%	807	750	782
ER	1 Angul	0.00%	100.00%	0.00%	0.00%	784	749	768
	2 Darlipalli	0.00%	100.00%	0.00%	0.00%	785	761	775
	3 Gaya	0.00%	100.00%	0.00%	0.00%	789	748	772
	4 Jharsuguda	0.00%	100.00%	0.00%	0.00%	794	770	783
	5 Medinipur	0.00%	100.00%	0.00%	0.00%	789	742	767
	6 New Jeerat	0.00%	100.00%	0.00%	0.00%	789	737	760
	7 Ranchi	0.00%	100.00%	0.00%	0.00%	795	755	779
	8 Sasaram	0.00%	100.00%	0.00%	0.00%	783	749	766
NER	1 Azara/Mirza (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	406
	2 Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	388	403
	3 Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	388	405
	4 Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	399	407
	5 Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	417	392	409
	6 Byrnihat/killing (400 kV)	0.00%	99.47%	0.00%	0.00%	421	404	412
	7 Imphal (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	404
	8 Kameng (400 kV)	0.00%	100.00%	0.00%	0.00%	414	393	403
	9 Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	403
	10 New Kohima (400 kV)	0.00%	100.00%	0.00%	0.00%	418	397	407
	11 New Mariani (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	406
	12 Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	406
	13 PK Bari	0.00%	100.00%	0.00%	0.00%	412	396	403
	14 Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	419	393	405
	15 Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	416	398	407
	16 Surajmani Nagar(Sterlite) (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	402

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