

**POWER SYSTEM OPERATION CORPORATION LIMITED  
NATIONAL LOAD DESPATCH CENTRE  
NEW DELHI**

**System Reliability Indices Report for the week from  
24-Oct-2022 to 30-Oct-2022**

Date: 4-Nov-2022

**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	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 24-Oct-2022 to 30-Oct-2022

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%	794	749	778	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	749	778	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	755	763	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	755	763	
	5	Anta	0.00%	100.00%	0.00%	0.00%	789	762	778	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	789	752	771	
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769	
	8	Bhiwani	0.00%	99.96%	0.04%	0.04%	801	753	781	
	9	Bareilly	0.00%	99.99%	0.01%	0.01%	800	752	780	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	738	764	
	11	Greater Noida	0.00%	99.85%	0.15%	0.15%	802	754	785	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	746	777	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	754	771	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	795	755	775	
	17	Moga	0.00%	99.60%	0.40%	0.40%	804	737	770	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	797	751	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	792	763	776	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	780	741	759	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	793	751	775
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	749	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	747	772	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	786	757	774	
5		Bina	0.00%	99.99%	0.01%	0.01%	800	760	779	
6		Champa	0.00%	100.00%	0.00%	0.00%	800	768	789	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	782	758	773	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	750	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	750	775	
10		Gwalior	0.00%	99.72%	0.28%	0.28%	802	750	783	
11		Indore	0.00%	100.00%	0.00%	0.00%	790	744	772	
12		Jabalpur	0.00%	98.54%	1.46%	1.46%	804	765	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	784	746	766	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	781	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	792	768	784	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	790	766	783	
17		Sasan	0.00%	100.00%	0.00%	0.00%	793	768	779	
18		Satna	0.00%	97.82%	2.18%	2.18%	803	768	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	756	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	785	763	776	
21		Solapur	0.00%	99.06%	0.94%	0.94%	803	755	783	
22		Tannar	0.00%	100.00%	0.00%	0.00%	792	769	785	
23		Tirora	0.00%	100.00%	0.00%	0.00%	777	744	763	
24		Vadodara	0.00%	99.60%	0.40%	0.40%	801	752	779	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	801	752	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	801	752	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	794	738	768	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	748	768	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	794	749	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	798	750	774	
	4	Nizamabad	0.00%	90.96%	9.04%	9.04%	803	758	778	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	742	787	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	742	781	
	7	Vemagiri	0.00%	96.15%	3.85%	3.85%	807	740	781	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	789	743	778	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	754	774	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	766	767	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	770	785	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	783	746	763	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	409	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	398	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	411	
	4	Bongaigaon TPS (400 kV)	0.00%	96.95%	3.05%	3.05%	422	407	414	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	397	405	
	7	Ranganadi (400 kV)	0.00%	98.23%	1.77%	1.77%	424	407	415	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	390	407	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

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