

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

**System Reliability Indices Report for the week from  
17-Oct-2022 to 23-Oct-2022**

Date: 28-Oct-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 17-Oct-2022 to 23-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%	789	756	774	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	756	774	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	754	763	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	754	763	
	5	Anta	0.00%	100.00%	0.00%	0.00%	790	762	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	752	772	
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769	
	8	Bhiwani	0.00%	99.90%	0.10%	0.10%	801	758	780	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	796	756	778	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	735	765	
	11	Greater Noida	0.00%	99.15%	0.85%	0.85%	804	762	782	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	753	776	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	787	751	769	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	791	749	773	
	17	Moga	0.00%	99.49%	0.51%	0.51%	808	744	774	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	797	756	782	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	761	776	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	775	734	757	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	754	776
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	797	751	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	744	771	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	763	776	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	759	780	
6		Champa	0.00%	91.17%	8.83%	8.83%	807	775	793	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	762	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	746	773	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	746	774	
10		Gwalior	0.00%	99.39%	0.61%	0.61%	801	759	783	
11		Indore	0.00%	100.00%	0.00%	0.00%	786	742	768	
12		Jabalpur	0.00%	99.09%	0.91%	0.91%	804	766	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	785	751	770	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	742	774	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	799	771	788	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	770	787	
17		Sasan	0.00%	100.00%	0.00%	0.00%	793	767	779	
18		Satna	0.00%	99.13%	0.87%	0.87%	801	765	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	761	781	
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	766	778	
21		Solapur	0.00%	100.00%	0.00%	0.00%	799	760	781	
22		Tannar	0.00%	100.00%	0.00%	0.00%	800	774	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	777	752	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	743	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	743	782	
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	743	782	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	793	752	772	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	754	772	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	792	756	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	757	773	
	4	Nizamabad	0.00%	83.13%	16.87%	16.87%	811	776	778	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	798	757	791	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	798	757	785	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	759	785	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	788	754	781	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	781	753	775	
	3	Jharsuguda	0.00%	99.59%	0.41%	0.41%	802	773	769	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	796	771	788	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	783	743	764	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	393	402	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	409	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	406	413	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	404	
	7	Ranganadi (400 kV)	0.00%	90.97%	9.03%	9.03%	424	406	415	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	396	406	
	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.