

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

**System Reliability Indices Report for the week from  
26-Sep-2022 to 02-Oct-2022**

Date: 7-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 26-Sep-2022 to 02-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	0.01%	99.99%	0.00%	0.01%	789	701	774	
	2	Agra (Fatehabad)	0.01%	99.99%	0.00%	0.01%	789	701	774	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	772	752	762	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	772	752	762	
	5	Anta	0.00%	100.00%	0.00%	0.00%	791	763	776	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	782	743	767	
	7	Bara	0.00%	100.00%	0.00%	0.00%	780	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	760	781	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	795	747	776	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	745	770	
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	761	782	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	755	774	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	788	747	771	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	741	771	
	17	Moga	0.00%	100.00%	0.00%	0.00%	800	747	774	
	18	Phagi	0.00%	99.98%	0.02%	0.02%	800	758	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	788	758	774	
	20	Unnao	0.07%	99.93%	0.00%	0.07%	785	727	758	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	751	776
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	741	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	741	767	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	785	762	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	793	756	778	
6		Champa	0.00%	99.84%	0.16%	0.16%	801	776	791	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	760	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	739	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	794	739	774	
10		Gwalior	0.00%	100.00%	0.00%	0.00%	799	764	784	
11		Indore	0.00%	100.00%	0.00%	0.00%	789	736	769	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	800	766	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	752	770	
14		Pune	0.00%	100.00%	0.00%	0.00%	799	743	775	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	770	786	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	769	784	
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	766	778	
18		Satna	0.00%	100.00%	0.00%	0.00%	798	768	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	755	778	
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	765	777	
21		Solapur	0.00%	100.00%	0.00%	0.00%	797	755	781	
22		Tannar	0.00%	100.00%	0.00%	0.00%	795	775	787	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	753	767	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	798	745	771	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	745	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	798	745	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	793	733	771	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	792	751	771	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	751	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	753	773	
	4	Nizamabad	0.00%	92.90%	7.10%	7.10%	805	741	778	
	5	Srikakulam	0.00%	93.79%	6.21%	6.21%	804	756	785	
	6	Thiruvallam	0.00%	93.79%	6.21%	6.21%	804	756	788	
	7	Vemagiri	0.00%	81.14%	18.86%	18.86%	810	760	788	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	747	788	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	777	748	774	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	770	766	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	770	786	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	780	746	765	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	399	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	408	394	402	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	400	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	403	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	404	
	7	Ranganadi (400 kV)	0.00%	99.38%	0.62%	0.62%	421	406	414	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	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.