

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

**System Reliability Indices Report for the week from  
12-Sep-2022 to 18-Sep-2022**

Date: 23-Sep-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	7	1.75	1.04
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	2	0.50	0.30
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 12-Sep-2022 to 18-Sep-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%	790	749	771	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	749	771	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	761	771	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	761	771	
	5	Anta	0.00%	100.00%	0.00%	0.00%	793	765	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	791	753	773	
	7	Bara	0.00%	100.00%	0.00%	0.00%	770	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	759	779	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	799	751	777	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	741	766	
	11	Greater Noida	0.00%	99.84%	0.16%	0.16%	801	754	779	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	792	747	772	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	749	772	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	797	752	776	
	17	Moga	0.00%	100.00%	0.00%	0.00%	798	745	772	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	753	782	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	790	762	778	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	790	739	765	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	759	780
		2	Aurangabad	0.00%	99.90%	0.10%	0.10%	801	750	780
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	755	773	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	766	779	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	763	783	
6		Champa	0.00%	80.71%	19.29%	19.29%	807	775	794	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	771	781	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	752	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	752	779	
10		Gwalior	0.00%	99.37%	0.63%	0.63%	802	761	785	
11		Indore	0.00%	100.00%	0.00%	0.00%	787	750	771	
12		Jabalpur	0.00%	95.18%	4.82%	4.82%	807	775	790	
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	753	769	
14		Pune	0.00%	100.00%	0.00%	0.00%	798	751	776	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	777	789	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	777	788	
17		Sasan	0.00%	100.00%	0.00%	0.00%	791	768	781	
18		Satna	0.00%	99.65%	0.35%	0.35%	801	769	787	
19		Seoni	0.00%	100.00%	0.00%	0.00%	799	766	785	
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	771	781	
21		Solapur	0.00%	96.78%	3.22%	3.22%	805	751	788	
22		Tannar	0.00%	100.00%	0.00%	0.00%	798	780	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	751	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	795	749	773	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	795	749	784	
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	749	784	
27		Bhuj	0.00%	99.93%	0.07%	0.07%	802	751	770	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	742	770	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	748	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	746	776	
	4	Nizamabad	0.00%	75.98%	24.02%	24.02%	809	749	777	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	788	759	789	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	788	759	779	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	793	750	779	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	783	751	775	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	787	755	768	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	775	772	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	793	770	787	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	793	744	764	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	407	400	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	401	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	404	410	
	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	395	403	
	7	Ranganadi (400 kV)	0.00%	95.18%	4.82%	4.82%	425	395	414	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	397	404	
	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.