

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

**System Reliability Indices Report for the week from  
29-Aug-2022 to 04-Sep-2022**

Date: 9-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	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 29-Aug-2022 to 04-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%	791	748	767	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	791	748	767	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	762	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	762	768	
	5	Anta	0.00%	100.00%	0.00%	0.00%	799	764	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	783	750	770	
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	753	777	
	9	Bareilly	0.00%	99.63%	0.37%	0.37%	806	745	773	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	790	751	771	
	11	Greater Noida	0.00%	99.79%	0.21%	0.21%	802	752	776	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	749	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	791	749	769	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	794	748	773	
	17	Moga	0.00%	99.79%	0.21%	0.21%	803	747	771	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	760	778	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	759	774	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	777	739	759	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	755	773
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	795	748	778
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	754	768	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	763	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	798	761	778	
6		Champa	0.00%	86.97%	13.03%	13.03%	809	771	794	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	763	774	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	751	776	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	795	751	773	
10		Gwalior	0.00%	99.02%	0.98%	0.98%	801	762	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	788	750	767	
12		Jabalpur	0.00%	98.94%	1.06%	1.06%	804	772	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	774	752	764	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	745	779	
15		Raigarh Pooling	0.00%	99.93%	0.07%	0.07%	801	775	787	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	773	785	
17		Sasan	0.00%	100.00%	0.00%	0.00%	788	766	777	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	770	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	761	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	785	767	776	
21		Solapur	0.00%	97.23%	2.77%	2.77%	803	756	784	
22		Tamnar	0.00%	99.92%	0.08%	0.08%	801	776	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	770	751	761	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	751	773	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	751	780	
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	751	780	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	781	745	768	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	792	753	768	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	755	775	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	754	773	
	4	Nizamabad	0.00%	85.09%	14.91%	14.91%	804	737	779	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	752	784	
	6	Thiruvalam	0.00%	100.00%	0.00%	0.00%	795	752	774	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	795	754	774	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	793	755	774	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	755	773	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	776	770	
	4	Ranchi	0.00%	99.95%	0.05%	0.05%	915	766	787	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	779	750	763	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	396	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	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	396	405	
	7	Ranganadi (400 kV)	0.00%	98.94%	1.06%	1.06%	421	407	414	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	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.