

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

**System Reliability Indices Report for the week from
25-Jul-2022 to 31-Jul-2022**

Date: 5-Aug-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 25-Jul-2022 to 31-Jul-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	772	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	794	749	772	
	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%	99.89%	0.11%	0.11%	801	764	779	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	789	758	771	
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769	
	8	Bhiwani	0.00%	99.88%	0.12%	0.12%	801	738	779	
	9	Bareilly	0.00%	99.81%	0.19%	0.19%	807	749	777	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	792	750	766	
	11	Greater Noida	0.00%	99.77%	0.23%	0.23%	804	749	781	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	749	773	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	752	771	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	752	772	
	17	Moga	0.00%	100.00%	0.00%	0.00%	799	751	774	
	18	Phagi	0.00%	99.59%	0.41%	0.41%	807	736	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	786	764	776	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	786	733	764	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	753	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	793	745	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	748	771	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	764	776	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	758	781	
6		Champa	0.00%	98.42%	1.58%	1.58%	805	774	791	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	762	776	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	748	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	748	773	
10		Gwalior	0.00%	99.91%	0.09%	0.09%	800	761	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	787	748	772	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	767	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	776	750	764	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	748	780	
15		Raigarh Pooling	0.00%	99.92%	0.08%	0.08%	800	776	788	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	775	787	
17		Sasan	0.00%	100.00%	0.00%	0.00%	788	768	778	
18		Satna	0.00%	100.00%	0.00%	0.00%	795	769	785	
19		Seoni	0.00%	100.00%	0.00%	0.00%	793	760	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	788	767	777	
21		Solapur	0.00%	100.00%	0.00%	0.00%	799	754	784	
22		Tannar	0.00%	100.00%	0.00%	0.00%	798	777	789	
23		Tirora	0.00%	100.00%	0.00%	0.00%	769	747	760	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	797	749	776	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	749	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	797	749	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	789	742	765	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	746	765	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	751	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	750	775	
	4	Nizamabad	0.00%	94.56%	5.44%	5.44%	810	740	779	
	5	Srikakulam	0.00%	99.12%	0.88%	0.88%	802	754	783	
	6	Thiruvallam	0.00%	99.12%	0.88%	0.88%	802	754	783	
	7	Vemagiri	0.00%	99.96%	0.04%	0.04%	800	743	783	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	760	781	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	760	783	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	777	770	
	4	Ranchi	0.00%	99.98%	0.02%	0.02%	920	764	791	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	793	745	776	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	405	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	398	403	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	408	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	406	411	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	402	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	391	404	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	400	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.