

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
18-Jul-2022 to 24-Jul-2022

Date: 29-Jul-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 18-Jul-2022 to 24-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%	795	748	771	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	748	771	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	762	771	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	762	771	
	5	Anta	0.00%	100.00%	0.00%	0.00%	795	766	779	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	794	748	768	
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	756	778	
	9	Bareilly	0.00%	97.86%	2.14%	2.14%	806	749	776	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	749	767	
	11	Greater Noida	0.00%	99.90%	0.10%	0.10%	802	751	779	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	747	772	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	745	768	
	14	Lucknow	0.00%	99.89%	0.11%	0.11%	802	746	772	
	17	Moga	0.00%	99.83%	0.17%	0.17%	803	746	775	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	796	762	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	792	741	771	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	792	739	763	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	791	749	778
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	791	747	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	788	754	773	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	798	762	778	
5		Bina	0.00%	99.25%	0.75%	0.75%	807	764	783	
6		Champa	0.00%	99.07%	0.93%	0.93%	802	759	788	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	787	755	775	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	776	
9		Ektuni	0.00%	99.58%	0.42%	0.42%	802	753	780	
10		Gwalior	0.00%	99.28%	0.72%	0.72%	801	758	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	799	751	774	
12		Jabalpur	0.00%	98.66%	1.34%	1.34%	802	753	784	
13		Koradi	0.00%	100.00%	0.00%	0.00%	796	747	770	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	750	780	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	796	767	786	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	794	765	783	
17		Sasan	0.00%	99.18%	0.82%	0.82%	805	766	779	
18		Satna	0.00%	97.28%	2.72%	2.72%	802	766	786	
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	761	783	
20		Sipat	0.00%	100.00%	0.00%	0.00%	800	753	780	
21		Solapur	0.00%	99.78%	0.22%	0.22%	801	752	785	
22		Tannar	0.00%	100.00%	0.00%	0.00%	796	755	785	
23		Tirora	0.00%	100.00%	0.00%	0.00%	790	750	767	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	798	758	779	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	798	758	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	746	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	799	745	770	
SR	1	Kurnool	0.00%	99.96%	0.04%	0.04%	801	738	770	
	2	Nellore PS	0.00%	97.36%	2.64%	2.64%	808	742	776	
	3	Raichur	0.00%	96.79%	3.21%	3.21%	804	741	777	
	4	Nizamabad	0.00%	92.31%	7.69%	7.69%	809	745	781	
	5	Srikakulam	0.00%	99.99%	0.01%	0.01%	800	746	787	
	6	Thiruvallam	0.00%	97.35%	2.65%	2.65%	804	746	785	
	7	Vemagiri	0.00%	98.92%	1.08%	1.08%	802	748	785	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	796	750	782	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	796	748	783	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	800	767	771	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	403	789	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	795	399	722	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	394	404	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	404	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	411	396	404	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	402	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	405	
	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.