

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

**System Reliability Indices Report for the week from
04-Jul-2022 to 10-Jul-2022**

Date: 15-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 04-Jul-2022 to 10-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	749	773	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	749	773	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	761	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	761	768	
	5	Anta	0.00%	99.78%	0.22%	0.22%	801	761	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	789	744	771	
	7	Bara	0.00%	100.00%	0.00%	0.00%	785	763	769	
	8	Bhiwani	0.00%	99.76%	0.24%	0.24%	801	749	775	
	9	Bareilly	0.00%	99.52%	0.48%	0.48%	807	742	773	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	794	744	769	
	11	Greater Noida	0.00%	99.76%	0.24%	0.24%	804	746	776	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	742	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	794	742	770	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	745	772	
	17	Moga	0.00%	100.00%	0.00%	0.00%	795	744	770	
	18	Phagi	0.00%	99.13%	0.87%	0.87%	807	755	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	757	773	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	784	733	757	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	797	753	778
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	749	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	748	770	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	790	762	776	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	758	777	
6		Champa	0.00%	94.37%	5.63%	5.63%	807	773	788	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	781	765	771	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	795	748	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	795	748	777	
10		Gwalior	0.00%	99.82%	0.18%	0.18%	800	756	780	
11		Indore	0.00%	100.00%	0.00%	0.00%	789	748	770	
12		Jabalpur	0.00%	99.52%	0.48%	0.48%	802	767	783	
13		Koradi	0.00%	100.00%	0.00%	0.00%	782	751	769	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	747	781	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	774	784	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	773	782	
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	765	775	
18		Satna	0.00%	100.00%	0.00%	0.00%	800	769	782	
19		Seoni	0.00%	100.00%	0.00%	0.00%	799	760	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	767	777	
21		Solapur	0.00%	97.98%	2.02%	2.02%	805	754	786	
22		Tannar	0.00%	100.00%	0.00%	0.00%	799	778	788	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	752	765	
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	778	
26		Wardha	0.00%	100.00%	0.00%	0.00%	795	749	778	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	795	757	773	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	797	746	773	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	748	776	
	3	Raichur	0.00%	99.53%	0.47%	0.47%	802	750	775	
	4	Nizamabad	0.00%	90.13%	9.87%	9.87%	805	750	780	
	5	Srikakulam	0.00%	99.79%	0.21%	0.21%	800	763	788	
	6	Thiruvallam	0.00%	99.79%	0.21%	0.21%	800	763	786	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	756	786	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	798	763	784	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	780	750	784	
	3	Jharsuguda	0.00%	99.67%	0.33%	0.33%	801	777	767	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	795	764	790	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	791	745	780	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	406	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	403	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	402	407	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	406	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	416	387	405	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	398	405	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	407	

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.