

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

**System Reliability Indices Report for the week from
15-Aug-2022 to 21-Aug-2022**

Date: 26-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 15-Aug-2022 to 21-Aug-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%	788	745	770	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	788	745	770	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	760	771	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	760	771	
	5	Anta	0.00%	100.00%	0.00%	0.00%	795	765	783	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	792	741	770	
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	747	776	
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	799	735	773	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	781	739	765	
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	799	751	777	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	745	771	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	740	768	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	738	772	
	17	Moga	0.00%	100.00%	0.00%	0.00%	800	740	770	
	18	Phagi	0.00%	100.00%	0.00%	0.00%	799	755	781	
	19	Varanasi	0.01%	99.99%	0.00%	0.01%	793	712	774	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	787	731	760	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	797	757	779
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	748	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	753	772	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	783	759	771	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	759	781	
6		Champa	0.00%	98.93%	1.07%	1.07%	803	774	787	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	779	760	768	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	794	756	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	794	756	779	
10		Gwalior	0.00%	99.29%	0.71%	0.71%	801	758	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	793	750	771	
12		Jabalpur	0.00%	99.29%	0.71%	0.71%	803	767	785	
13		Koradi	0.00%	100.00%	0.00%	0.00%	779	750	766	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	750	780	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	795	770	782	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	793	769	781	
17		Sasan	0.00%	100.00%	0.00%	0.00%	794	765	778	
18		Satna	0.00%	97.41%	2.59%	2.59%	804	769	785	
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	760	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	783	764	773	
21		Solapur	0.00%	99.74%	0.26%	0.26%	802	747	783	
22		Tannar	0.00%	100.00%	0.00%	0.00%	793	772	782	
23		Tirora	0.00%	100.00%	0.00%	0.00%	772	748	762	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	799	759	780	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	799	759	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	799	759	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	793	748	770	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	798	740	770	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	734	775	
	3	Raichur	0.00%	99.81%	0.19%	0.19%	800	744	774	
	4	Nizamabad	0.02%	90.03%	9.95%	9.97%	808	728	779	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	793	751	783	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	793	751	773	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	797	751	773	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	782	753	776	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	790	747	767	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	790	769	770	
	4	Ranchi	0.00%	99.98%	0.02%	0.02%	910	767	779	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	792	740	765	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	409	400	405	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	412	401	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	408	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	397	405	
	7	Ranganadi (400 kV)	0.00%	98.45%	1.55%	1.55%	422	385	404	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	397	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.