

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

**System Reliability Indices Report for the week from
16-May-2022 to 22-May-2022**

Date: 26-May-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	30	7.50	4.46
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	6	1.50	0.89
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 16-May-2022 to 22-May-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%	792	746	766	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	792	746	766	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	780	760	768	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	780	760	768	
	5	Anta	0.00%	99.10%	0.90%	0.90%	801	764	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	791	744	767	
	7	Bara	0.00%	100.00%	0.00%	0.00%	779	763	769	
	8	Bhiwani	0.00%	99.18%	0.82%	0.82%	805	751	778	
	9	Bareilly	0.00%	99.67%	0.33%	0.33%	802	745	774	
	10	Fatehpur	0.00%	99.95%	0.05%	0.05%	802	737	767	
	11	Greater Noida	0.00%	99.40%	0.60%	0.60%	804	749	773	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	800	746	772	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	792	742	766	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	750	774	
	17	Moga	0.00%	99.75%	0.25%	0.25%	801	738	773	
	18	Phagi	0.00%	98.79%	1.21%	1.21%	805	755	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	793	756	772	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	784	733	757	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	758	775
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	756	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	765	777	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	763	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	799	767	780	
6		Champa	0.00%	93.06%	6.94%	6.94%	815	776	791	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	764	773	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	755	776	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	792	755	772	
10		Gwalior	0.00%	98.64%	1.36%	1.36%	802	759	781	
11		Indore	0.00%	100.00%	0.00%	0.00%	794	757	774	
12		Jabalpur	0.00%	98.41%	1.59%	1.59%	805	776	787	
13		Koradi	0.00%	100.00%	0.00%	0.00%	785	758	770	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	743	777	
15		Raigarh Pooling	0.00%	99.35%	0.65%	0.65%	801	772	784	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	770	782	
17		Sasan	0.00%	100.00%	0.00%	0.00%	791	767	777	
18		Satna	0.00%	99.85%	0.15%	0.15%	802	772	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	799	768	782	
20		Sipat	0.00%	100.00%	0.00%	0.00%	785	767	776	
21		Solapur	0.00%	99.89%	0.11%	0.11%	803	755	784	
22		Tannar	0.00%	98.93%	1.07%	1.07%	802	777	787	
23		Tirora	0.00%	100.00%	0.00%	0.00%	777	755	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	793	759	777	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	793	759	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	793	759	781	
27		Bhuj	0.08%	99.42%	0.50%	0.58%	811	2	775	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	756	775	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	790	757	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	760	775	
	4	Nizamabad	0.00%	96.02%	3.98%	3.98%	807	772	780	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	799	760	790	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	799	760	781	
	7	Vemagiri	0.00%	95.42%	4.58%	4.58%	807	772	781	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	784	753	789	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	785	751	772	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	793	771	765	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	797	767	783	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	787	746	781	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	396	407	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	403	
	4	Bongaigaon TPS (400 kV)	0.00%	99.75%	0.25%	0.25%	421	407	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	413	403	407	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	407	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	414	403	405	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	408	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	404	

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