

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

**System Reliability Indices Report for the week from  
09-May-2022 to 15-May-2022**

Date: 20-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	3	0.75	0.45
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 09-May-2022 to 15-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%	790	744	766	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	744	766	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	776	760	767	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	776	760	767	
	5	Anta	0.00%	99.59%	0.41%	0.41%	800	758	780	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	787	741	764	
	7	Bara	0.00%	100.00%	0.00%	0.00%	780	763	769	
	8	Bhiwani	0.00%	99.26%	0.74%	0.74%	801	749	778	
	9	Bareilly	0.00%	99.29%	0.71%	0.71%	806	746	773	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	800	737	770	
	11	Greater Noida	0.00%	99.54%	0.46%	0.46%	802	750	775	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	742	773	
	13	Kanpur GIS	0.00%	99.95%	0.05%	0.05%	801	742	769	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	744	767	
	17	Moga	0.00%	99.60%	0.40%	0.40%	802	742	772	
	18	Phagi	0.00%	98.66%	1.34%	1.34%	805	743	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	791	752	771	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	780	734	757	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	790	758	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	759	779
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	740	778	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	767	775	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	764	780	
6		Champa	0.00%	96.95%	3.05%	3.05%	810	772	787	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	764	772	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	756	777	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	791	756	774	
10		Gwalior	0.00%	98.60%	1.40%	1.40%	801	746	781	
11		Indore	0.00%	100.00%	0.00%	0.00%	790	758	774	
12		Jabalpur	0.00%	99.88%	0.12%	0.12%	802	771	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	780	758	769	
14		Pune	0.00%	100.00%	0.00%	0.00%	799	748	779	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	770	781	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	768	780	
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	766	775	
18		Satna	0.00%	100.00%	0.00%	0.00%	797	763	783	
19		Seoni	0.00%	100.00%	0.00%	0.00%	796	769	781	
20		Sipat	0.00%	100.00%	0.00%	0.00%	786	767	776	
21		Solapur	0.00%	100.00%	0.00%	0.00%	798	761	782	
22		Tannar	0.00%	100.00%	0.00%	0.00%	799	775	784	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	757	766	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	796	753	777	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	796	753	779	
26		Wardha	0.00%	100.00%	0.00%	0.00%	796	753	779	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	792	742	777	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	795	754	777	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	776	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	795	758	774	
	4	Nizamabad	0.00%	93.50%	6.50%	6.50%	803	778	778	
	5	Srikakulam	0.00%	98.10%	1.90%	1.90%	802	766	791	
	6	Thiruvallam	0.00%	98.10%	1.90%	1.90%	802	766	790	
	7	Vemagiri	0.00%	54.23%	45.77%	45.77%	815	779	790	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	786	759	800	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	746	776	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	792	773	765	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	766	783	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	791	746	779	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	401	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	394	406	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	402	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	404	408	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	392	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	406	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	417	400	405	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	382	409	
	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.