

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

**System Reliability Indices Report for the week from
25-Apr-2022 to 01-May-2022**

Date: 6-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	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 25-Apr-2022 to 01-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	732	765	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	790	732	765	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	777	760	767	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	777	760	767	
	5	Anta	0.00%	100.00%	0.00%	0.00%	799	765	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	783	751	766	
	7	Bara	0.00%	100.00%	0.00%	0.00%	776	763	769	
	8	Bhiwani	0.00%	99.93%	0.07%	0.07%	802	749	775	
	9	Bareilly	0.00%	99.61%	0.39%	0.39%	802	742	774	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	787	748	770	
	11	Greater Noida	0.00%	99.33%	0.67%	0.67%	805	752	778	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	798	747	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	787	745	767	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	740	773	
	17	Moga	0.00%	100.00%	0.00%	0.00%	797	746	770	
	18	Phagi	0.00%	97.56%	2.44%	2.44%	803	752	780	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	787	760	773	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	780	736	759	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	794	756	774
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	755	778
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	798	754	772	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	792	766	779	
5		Bina	0.00%	99.92%	0.08%	0.08%	800	767	780	
6		Champa	0.00%	51.77%	48.23%	48.23%	812	779	799	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	790	769	779	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	796	752	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	796	752	771	
10		Gwalior	0.00%	99.84%	0.16%	0.16%	802	735	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	792	753	773	
12		Jabalpur	0.00%	99.44%	0.56%	0.56%	806	774	787	
13		Koradi	0.00%	100.00%	0.00%	0.00%	782	751	768	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	736	780	
15		Raigarh Pooling	0.00%	95.25%	4.75%	4.75%	805	782	795	
16		Raipur Pooling	0.00%	98.53%	1.47%	1.47%	803	780	793	
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	766	776	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	772	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	799	766	782	
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	770	780	
21		Solapur	0.00%	99.83%	0.17%	0.17%	803	751	781	
22		Tannar	0.00%	93.65%	6.35%	6.35%	804	785	796	
23		Tirora	0.00%	100.00%	0.00%	0.00%	777	751	765	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	797	750	778	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	797	750	780	
26		Wardha	0.00%	100.00%	0.00%	0.00%	797	750	780	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	785	738	767	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	799	746	767	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	799	747	778	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	749	778	
	4	Nizamabad	0.00%	76.72%	23.28%	23.28%	815	769	779	
	5	Srikakulam	0.00%	83.55%	16.45%	16.45%	811	760	793	
	6	Thiruvallam	0.00%	83.55%	16.45%	16.45%	811	760	791	
	7	Vemagiri	0.00%	58.49%	41.51%	41.51%	821	768	791	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	799	771	796	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	757	785	
	3	Jharsuguda	0.00%	98.82%	1.18%	1.18%	803	781	767	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	796	763	790	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	782	752	782	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	402	764	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	395	407	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	402	404	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	409	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	398	404	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	404	
	7	Ranganadi (400 kV)	0.00%	99.91%	0.09%	0.09%	421	399	405	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	416	396	410	
	9	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	405	

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