

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

**System Reliability Indices Report for the week from
23-May-2022 to 29-May-2022**

Date: 3-Jun-2022

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	1	0.25	0.15
2	ER-NR	2	0.50	0.30
3	Import of NR	1	0.25	0.15
4	NEW-SR	2	0.50	0.30
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	2	0.50	0.30
2	ER-NR	1	0.25	0.15
3	Import of NR	2	0.50	0.30
4	NEW-SR	0.5	0.13	0.07
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 23-May-2022 to 29-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%	797	748	769	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	797	748	769	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	781	756	765	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	781	756	765	
	5	Anta	0.00%	99.69%	0.31%	0.31%	805	761	781	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	781	741	761	
	7	Bara	0.00%	100.00%	0.00%	0.00%	791	763	769	
	8	Bhiwani	0.00%	99.30%	0.70%	0.70%	804	757	777	
	9	Bareilly	0.00%	98.09%	1.91%	1.91%	813	746	774	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	742	768	
	11	Greater Noida	0.00%	98.03%	1.97%	1.97%	808	754	774	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	748	770	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	789	744	764	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	798	743	769	
	17	Moga	0.00%	100.00%	0.00%	0.00%	799	735	773	
	18	Phagi	0.00%	99.46%	0.54%	0.54%	804	739	779	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	786	756	771	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	789	734	758	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	786	757	773
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	792	755	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	786	753	770	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	780	761	770	
5		Bina	0.00%	100.00%	0.00%	0.00%	795	764	780	
6		Champa	0.00%	67.91%	32.09%	32.09%	811	776	797	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	763	774	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	753	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	790	753	773	
10		Gwalior	0.00%	98.66%	1.34%	1.34%	803	760	782	
11		Indore	0.00%	100.00%	0.00%	0.00%	787	750	771	
12		Jabalpur	0.00%	99.86%	0.14%	0.14%	801	769	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	777	758	767	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	743	779	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	772	790	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	799	771	788	
17		Sasan	0.00%	100.00%	0.00%	0.00%	788	766	776	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	765	784	
19		Seoni	0.00%	100.00%	0.00%	0.00%	790	766	779	
20		Sipat	0.00%	100.00%	0.00%	0.00%	780	765	772	
21		Solapur	0.00%	100.00%	0.00%	0.00%	799	749	782	
22		Tannar	0.00%	100.00%	0.00%	0.00%	800	776	791	
23		Tirora	0.00%	100.00%	0.00%	0.00%	772	756	763	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	790	746	772	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	746	779	
26		Wardha	0.00%	100.00%	0.00%	0.00%	790	746	779	
27		Bhuj	0.79%	99.09%	0.13%	0.91%	887	749	771	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	748	771	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	774	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	796	753	771	
	4	Nizamabad	0.00%	97.61%	2.39%	2.39%	802	771	777	
	5	Srikakulam	0.00%	98.10%	1.90%	1.90%	809	766	787	
	6	Thiruvallam	0.00%	98.10%	1.90%	1.90%	809	766	783	
	7	Vemagiri	0.00%	96.06%	3.94%	3.94%	817	762	783	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	765	782	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	751	781	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	776	764	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	767	788	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	795	747	781	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	407	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	412	395	407	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	417	402	403	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	405	409	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	400	408	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	394	408	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	420	402	404	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	418	396	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.