

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

**System Reliability Indices Report for the week from
13-Jun-2022 to 19-Jun-2022**

Date: 23-Jun-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	176	44.00	26.19
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	10	2.50	1.49
2	ER-NR	101	25.25	15.03
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 13-Jun-2022 to 19-Jun-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%	789	749	771	
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	789	749	771	
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	779	764	771	
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	779	764	771	
	5	Anta	0.00%	99.60%	0.40%	0.40%	803	763	788	
	6	Ballia	0.00%	100.00%	0.00%	0.00%	785	755	771	
	7	Bara	0.00%	100.00%	0.00%	0.00%	783	763	769	
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	796	756	774	
	9	Bareilly	0.00%	99.66%	0.34%	0.34%	806	747	777	
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	745	770	
	11	Greater Noida	0.00%	99.32%	0.68%	0.68%	806	754	780	
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	794	751	775	
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	793	756	776	
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	796	746	773	
	17	Moga	0.00%	99.71%	0.29%	0.29%	804	743	772	
	18	Phagi	0.00%	99.75%	0.25%	0.25%	804	757	782	
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	763	776	
	20	Unnao	0.00%	100.00%	0.00%	0.00%	779	741	762	
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	753	773
		2	Aurangabad	0.00%	100.00%	0.00%	0.00%	796	751	777
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	793	756	776	
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	788	759	774	
5		Bina	0.00%	100.00%	0.00%	0.00%	798	768	782	
6		Champa	0.00%	87.62%	12.38%	12.38%	809	763	788	
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	783	759	772	
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	751	775	
9		Ektuni	0.00%	100.00%	0.00%	0.00%	790	751	771	
10		Gwalior	0.00%	99.46%	0.54%	0.54%	803	770	786	
11		Indore	0.00%	100.00%	0.00%	0.00%	791	750	773	
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	774	786	
13		Koradi	0.00%	100.00%	0.00%	0.00%	782	750	767	
14		Pune	0.00%	100.00%	0.00%	0.00%	800	741	779	
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	800	764	784	
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	798	763	782	
17		Sasan	0.00%	100.00%	0.00%	0.00%	786	769	778	
18		Satna	0.00%	100.00%	0.00%	0.00%	799	774	786	
19		Seoni	0.00%	100.00%	0.00%	0.00%	798	762	780	
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	764	775	
21		Solapur	0.00%	99.93%	0.07%	0.07%	804	754	782	
22		Tannar	0.00%	100.00%	0.00%	0.00%	799	769	785	
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	750	763	
24		Vadodara	0.00%	100.00%	0.00%	0.00%	790	752	773	
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	752	781	
26		Wardha	0.00%	100.00%	0.00%	0.00%	790	752	781	
27		Bhuj	0.00%	100.00%	0.00%	0.00%	792	750	774	
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	799	752	774	
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	796	752	779	
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	755	778	
	4	Nizamabad	0.00%	95.80%	4.20%	4.20%	802	760	780	
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	795	757	787	
	6	Thiruvallam	0.00%	100.00%	0.00%	0.00%	795	757	781	
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	798	758	781	
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	756	780	
	2	Gaya	0.00%	100.00%	0.00%	0.00%	782	757	780	
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	798	769	786	
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	792	767	786	
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	782	753	781	
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	405	408	
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	408	
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	413	405	406	
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	409	410	
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	416	401	406	
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	401	406	
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	407	
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	415	401	409	
	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.