

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

Date of Reporting: 21-07-2022

System Reliability Indices Report for: 20-07-2022

**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	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

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	NER Import	0	0.00	0.00

### Voltage Profile for the day of 20-07-2022

Region	Sr.No.	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%	795	752	774
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	795	752	774
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	783	765	772
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	783	765	772
	5	Anta	0.00%	100.00%	0.00%	0.00%	795	769	780
	6	Ballia	0.00%	100.00%	0.00%	0.00%	794	754	773
	7	Bara	0.00%	100.00%	0.00%	0.00%	781	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	800	766	779
	9	Bareilly	0.00%	86.32%	13.68%	13.68%	806	759	783
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	793	752	772
	11	Greater Noida	0.00%	100.00%	0.00%	0.00%	800	763	781
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	791	758	772
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	753	770
	14	Lucknow	0.00%	99.24%	0.76%	0.76%	802	753	778
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	774	748	760
	17	Moga	0.00%	100.00%	0.00%	0.00%	799	757	775
	18	Phagi	0.00%	98.82%	1.18%	1.18%	803	769	781
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	762	774
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	759
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	786	749	774
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	784	762	772
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	787	764	778
5		Bina	0.00%	100.00%	0.00%	0.00%	798	773	783
6		Champa	0.00%	94.72%	5.28%	5.28%	807	776	792
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	784	764	776
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	787	755	775
9		Ektuni	0.00%	100.00%	0.00%	0.00%	787	755	777
10		Gwalior	0.00%	97.08%	2.92%	2.92%	802	773	785
11		Indore	0.00%	100.00%	0.00%	0.00%	785	758	772
12		Jabalpur	0.00%	100.00%	0.00%	0.00%	799	779	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	781	753	770
14		Pune	0.00%	100.00%	0.00%	0.00%	796	747	778
15		Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	798	772	787
16		Raipur Pooling	0.00%	100.00%	0.00%	0.00%	796	772	785
17		Sasan	0.00%	100.00%	0.00%	0.00%	787	771	779
18		Satna	0.00%	94.24%	5.76%	5.76%	805	777	789
19		Seoni	0.00%	100.00%	0.00%	0.00%	794	766	783
20		Sipat	0.00%	100.00%	0.00%	0.00%	787	770	780
21		Solapur	0.00%	100.00%	0.00%	0.00%	800	753	784
22		Tamnar	0.00%	100.00%	0.00%	0.00%	797	777	788
23		Tirora	0.00%	100.00%	0.00%	0.00%	776	755	767
24		Vadodara	0.00%	100.00%	0.00%	0.00%	790	768	779
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	790	768	782
26		Wardha	0.00%	100.00%	0.00%	0.00%	790	768	782
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	799	746	778
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	754	778
	3	Raichur	0.00%	99.72%	0.28%	0.28%	801	750	781
	4	Nizamabad	0.00%	84.03%	15.97%	15.97%	808	742	788
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	797	752	780
	6	Thiruvalam	0.00%	100.00%	0.00%	0.00%	797	752	780
	7	Vemagiri	0.00%	99.93%	0.07%	0.07%	800	758	784
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	794	762	783
	2	Gaya	0.00%	100.00%	0.00%	0.00%	779	753	765
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	789	789	789
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	776	783
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	798	767	781
NER	1	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	405	399	401
	2	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	406
	3	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	413	406	410
	5	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	409	406	407
	6	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	404
	7	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	405	396	399
	8	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	409	401	404
	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.