

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
27-Dec-2021 to 02-Jan-2022

Date: 7-Jan-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 27-Dec-2021 to 02-Jan-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%	793	747	775
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	793	747	775
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	785	757	770
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	785	757	770
	5	Anta	0.00%	100.00%	0.00%	0.00%	796	763	783
	6	Ballia	0.00%	100.00%	0.00%	0.00%	791	741	766
	7	Bara	0.00%	100.00%	0.00%	0.00%	784	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	798	753	780
	9	Bareilly	0.00%	89.06%	10.94%	10.94%	808	747	782
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	791	746	770
	11	Greater Noida	0.00%	98.68%	1.32%	1.32%	803	753	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	797	746	777
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	744	773
	14	Lucknow	0.00%	99.76%	0.24%	0.24%	802	747	776
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	779	749	766
	17	Moga	0.00%	99.92%	0.08%	0.08%	804	739	771
	18	Phagi	0.00%	99.85%	0.15%	0.15%	804	755	782
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	794	754	773
	20	Unnao	0.00%	100.00%	0.00%	0.00%	794	740	767
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	792	747
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	796	746	775
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	745	773
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	790	760	776
5		Bina	0.00%	100.00%	0.00%	0.00%	797	750	778
6		Champa	0.00%	65.11%	34.89%	34.89%	817	775	796
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	793	760	776
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	797	748	775
9		Ektuni	0.00%	100.00%	0.00%	0.00%	797	748	774
10		Gwalior	0.00%	100.00%	0.00%	0.00%	799	752	783
11		Indore	0.00%	100.00%	0.00%	0.00%	792	746	772
12		Jabalpur	0.00%	96.20%	3.80%	3.80%	803	763	785
13		Koradi	0.00%	100.00%	0.00%	0.00%	783	745	768
14		Pune	0.00%	100.00%	0.00%	0.00%	800	751	782
15		Raigarh Pooling	0.00%	88.88%	11.12%	11.12%	808	772	790
16		Raipur Pooling	0.00%	95.70%	4.30%	4.30%	807	770	789
17		Sasan	0.00%	100.00%	0.00%	0.00%	794	762	777
18		Satna	0.00%	99.41%	0.59%	0.59%	802	761	783
19		Seoni	0.00%	100.00%	0.00%	0.00%	798	754	778
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	763	777
21		Solapur	0.00%	95.55%	4.45%	4.45%	806	758	786
22		Tamnar	0.00%	86.72%	13.28%	13.28%	809	774	792
23		Tirora	0.00%	100.00%	0.00%	0.00%	775	748	764
24		Vadodara	0.00%	100.00%	0.00%	0.00%	797	751	777
25		Vindhyachal PS	0.15%	99.85%	0.00%	0.15%	797	751	780
26		Wardha	0.15%	99.85%	0.00%	0.15%	797	751	780
27		Bhuj	0.00%	100.00%	0.00%	0.00%	795	756	771
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	796	747	771
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	751	775
	3	Raichur	0.00%	100.00%	0.00%	0.00%	799	753	776
	4	Nizamabad	0.00%	93.65%	6.35%	6.35%	809	741	779
	5	Srikakulam	0.00%	98.76%	1.24%	1.24%	802	746	784
	6	Thiruvallam	0.00%	98.76%	1.24%	1.24%	802	746	782
	7	Vemagiri	0.00%	96.69%	3.31%	3.31%	814	741	782
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	795	750	781
	2	Gaya	0.00%	100.00%	0.00%	0.00%	787	748	779
	3	Jharsuguda	0.00%	97.99%	2.01%	2.01%	803	771	766
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	791	762	789
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	792	735	779
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	402	765
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	415	393	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	419	401	403
	4	Bongaigaon TPS (400 kV)	0.00%	95.85%	4.15%	4.15%	422	403	411
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	399	405
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	414	396	405
	8	Ranganadi (400 kV)	0.00%	99.94%	0.06%	0.06%	422	397	405
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	419	394	407
	10	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.