

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
01-Nov-2021 to 07-Nov-2021

Date: 12-Nov-2021

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	20	5.00	2.98
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 01-Nov-2021 to 07-Nov-2021

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%	796	753	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	753	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	784	758	770
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	784	758	770
	5	Anta	0.00%	100.00%	0.00%	0.00%	798	759	784
	6	Ballia	0.00%	100.00%	0.00%	0.00%	788	752	771
	7	Bara	0.00%	100.00%	0.00%	0.00%	784	763	769
	8	Bhiwani	0.00%	99.89%	0.11%	0.11%	805	754	777
	9	Bareilly	0.00%	99.99%	0.01%	0.01%	800	749	780
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	795	740	769
	11	Greater Noida	0.00%	99.90%	0.10%	0.10%	803	756	783
	12	Jhatikara	0.00%	99.97%	0.03%	0.03%	801	757	779
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	790	748	772
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	793	750	775
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	787	747	772
	17	Moga	0.00%	99.92%	0.08%	0.08%	804	734	766
	18	Phagi	0.00%	99.46%	0.54%	0.54%	803	749	781
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	789	758	777
	20	Unnao	0.00%	100.00%	0.00%	0.00%	783	739	765
	WR	1	Akola	0.00%	100.00%	0.00%	0.00%	789	758
2		Aurangabad	0.00%	100.00%	0.00%	0.00%	795	748	774
3		Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	747	772
4		Bilaspur	0.00%	100.00%	0.00%	0.00%	789	763	778
5		Bina	0.00%	100.00%	0.00%	0.00%	795	758	780
6		Champa	0.00%	61.65%	38.35%	38.35%	811	780	797
7		Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	786	764	776
8		Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	746	771
9		Ektuni	0.00%	100.00%	0.00%	0.00%	791	746	774
10		Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	781
11		Indore	0.00%	100.00%	0.00%	0.00%	790	745	770
12		Jabalpur	0.00%	99.89%	0.11%	0.11%	801	767	786
13		Koradi	0.00%	100.00%	0.00%	0.00%	777	754	768
14		Pune	0.00%	100.00%	0.00%	0.00%	800	756	785
15		Raigarh Pooling	0.00%	93.66%	6.34%	6.34%	804	777	792
16		Raipur Pooling	0.00%	98.99%	1.01%	1.01%	802	775	790
17		Sasan	0.00%	100.00%	0.00%	0.00%	789	765	778
18		Satna	0.00%	100.00%	0.00%	0.00%	796	765	782
19		Seoni	0.00%	100.00%	0.00%	0.00%	797	758	780
20		Sipat	0.00%	100.00%	0.00%	0.00%	790	767	779
21		Solapur	0.00%	99.11%	0.89%	0.89%	803	752	784
22		Tamnar	0.00%	90.77%	9.23%	9.23%	804	780	793
23		Tirora	0.00%	100.00%	0.00%	0.00%	772	754	765
24		Vadodara	0.00%	100.00%	0.00%	0.00%	794	750	775
25		Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	750	782
26		Wardha	0.00%	100.00%	0.00%	0.00%	794	750	782
27		Bhuj	0.00%	100.00%	0.00%	0.00%	790	749	771
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	786	742	771
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	748	770
	3	Raichur	0.00%	100.00%	0.00%	0.00%	793	751	775
	4	Nizamabad	0.00%	85.12%	14.88%	14.88%	811	771	776
	5	Srikakulam	0.00%	100.00%	0.00%	0.00%	800	747	791
	6	Thiruvallur	0.00%	100.00%	0.00%	0.00%	800	747	781
	7	Vemagiri	0.00%	100.00%	0.00%	0.00%	800	751	781
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	782	750	784
	2	Gaya	0.00%	100.00%	0.00%	0.00%	783	756	770
	3	Jharsuguda	0.00%	100.00%	0.00%	0.00%	795	773	772
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	795	771	785
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	780	739	784
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	404	407
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	396	407
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	405
	4	Bongaigaon TPS (400 kV)	0.00%	97.84%	2.16%	2.16%	423	407	412
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	415	395	406
	8	Ranganadi (400 kV)	0.00%	99.24%	0.76%	0.76%	426	404	405
	9	Biswanath Chariali (400 kV)	0.00%	99.95%	0.05%	0.05%	422	397	413
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	407

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