

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

**System Reliability Indices Report for the week from
18-Oct-2021 to 24-Oct-2021**

Date: 29-Oct-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	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 18-Oct-2021 to 24-Oct-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	759	779
	2	Agra (Fatehabad)	0.00%	100.00%	0.00%	0.00%	796	759	779
	3	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	751	764
	4	Anpara-D	0.00%	100.00%	0.00%	0.00%	774	751	764
	5	Anta	0.00%	100.00%	0.00%	0.00%	798	774	785
	6	Ballia	0.00%	100.00%	0.00%	0.00%	786	756	774
	7	Bara	0.00%	100.00%	0.00%	0.00%	784	763	769
	8	Bhiwani	0.00%	100.00%	0.00%	0.00%	793	752	778
	9	Bareilly	0.00%	100.00%	0.00%	0.00%	798	755	780
	10	Fatehpur	0.00%	100.00%	0.00%	0.00%	775	741	763
	11	Greater Noida	0.00%	99.83%	0.17%	0.17%	800	759	785
	12	Jhatikara	0.00%	100.00%	0.00%	0.00%	793	751	778
	13	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	785	752	772
	14	Lucknow	0.00%	100.00%	0.00%	0.00%	788	751	774
	15	Lalitpur	0.00%	100.00%	0.00%	0.00%	784	760	774
	16	Meerut	0.00%	100.00%	0.00%	0.00%	792	746	779
	17	Moga	0.00%	100.00%	0.00%	0.00%	796	740	768
	18	Phagi	0.00%	100.00%	0.00%	0.00%	800	763	785
	19	Varanasi	0.00%	100.00%	0.00%	0.00%	786	742	777
	20	Unnao	0.00%	100.00%	0.00%	0.00%	778	735	764
WR	1	Akola	0.00%	100.00%	0.00%	0.00%	787	754	772
	2	Aurangabad	0.00%	100.00%	0.00%	0.00%	789	745	771
	3	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	789	754	769
	4	Bilaspur	0.00%	100.00%	0.00%	0.00%	791	766	776
	5	Bina	0.00%	100.00%	0.00%	0.00%	799	767	782
	6	Champa	0.00%	85.40%	14.60%	14.60%	811	779	795
	7	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	789	765	776
	8	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	792	747	773
	9	Ektuni	0.00%	100.00%	0.00%	0.00%	792	747	773
	10	Gwalior	0.00%	100.00%	0.00%	0.00%	798	767	784
	11	Indore	0.00%	100.00%	0.00%	0.00%	791	753	768
	12	Jabalpur	0.00%	98.53%	1.47%	1.47%	804	774	787
	13	Koradi	0.00%	100.00%	0.00%	0.00%	774	752	764
	14	Pune	0.00%	100.00%	0.00%	0.00%	800	754	782
	15	Raigarh Pooling	0.00%	98.04%	1.96%	1.96%	804	777	791
	16	Raipur Pooling	0.00%	98.89%	1.11%	1.11%	802	776	789
	17	Sasan	0.00%	100.00%	0.00%	0.00%	786	770	779
	18	Satna	0.00%	100.00%	0.00%	0.00%	796	772	785
	19	Seoni	0.00%	100.00%	0.00%	0.00%	798	763	778
	20	Sipat	0.00%	100.00%	0.00%	0.00%	791	767	778
	21	Solapur	0.00%	97.70%	2.30%	2.30%	805	763	785
	22	Tamnar	0.00%	97.73%	2.27%	2.27%	804	780	792
	23	Tirora	0.00%	100.00%	0.00%	0.00%	770	753	761
	24	Vadodara	0.00%	100.00%	0.00%	0.00%	791	749	771
	25	Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	791	749	782
	26	Wardha	0.00%	100.00%	0.00%	0.00%	791	749	782
	27	Bhuj	0.00%	100.00%	0.00%	0.00%	791	751	769
SR	1	Kurnool	0.00%	100.00%	0.00%	0.00%	793	745	769
	2	Nellore PS	0.00%	100.00%	0.00%	0.00%	793	746	774
	3	Raichur	0.00%	100.00%	0.00%	0.00%	797	751	774
	4	Nizamabad	0.00%	96.63%	3.37%	3.37%	804	758	778
	5	Srikakulam	0.00%	95.31%	4.69%	4.69%	805	753	783
	6	Thiruvallur	0.00%	95.31%	4.69%	4.69%	805	753	781
	7	Vemagiri	0.00%	86.20%	13.80%	13.80%	807	766	781
ER	1	Angul	0.00%	100.00%	0.00%	0.00%	799	748	787
	2	Gaya	0.00%	100.00%	0.00%	0.00%	785	759	773
	3	Jharsuguda	0.00%	97.65%	2.35%	2.35%	804	772	773
	4	Ranchi	0.00%	100.00%	0.00%	0.00%	794	769	788
	5	Sasaram	0.00%	100.00%	0.00%	0.00%	776	743	782
NER	1	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	410	403	406
	2	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	395	406
	3	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	415	403	404
	4	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	409
	6	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	412	399	406
	7	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	406
	8	Ranganadi (400 kV)	0.00%	97.52%	2.48%	2.48%	422	403	404
	9	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	417	397	412
	10	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	406

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