

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of November 2022

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI Calculation				MAIFI Calculation			
						$\sum Ai \times Ni$ for Division	SAIFI	$\sum Bi \times Ni$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\sum Ci \times Ni$ for Division	MAIFI
							Nos.		Min				Nos.
1	Raipur Dehradun	11	106	2845	2845	55595	20	937600	330	98	2845	43390	15
2	Mohanpur	11	28	5620	3091	86548	15	1817508	323	11	3091	34001	6
3	Vikasnagar	11	164	46556	37245	962311	21	18932345	407	13	37245	86518	2
4	Rishikesh	11	648	38797	38797	874624	23	22846821	589	23	38797	31919	1
5	Uttarkashi	11	107	8288	7619	167731	20	1076997	130	4	7619	5846	1
6	Barkot	11	28	2370	849	23772	10	353184	149	24	849	20376	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	601	3073	3073	46297	15	1021794	333	326	3073	28764	9
9	Dehradun (South)	11	785	105580	105580	1640105	16	22789325	216	255	105580	531231	5
10	Dehradun (Central)	11	383	3148	3148	29381	9	467983	149	269	3148	23593	7
11	Nainagar	11	129	18888	9444	127187	7	1609613	85	13	9444	10317	1
12	Pauri	11	106	16929	5285	93320	6	2041435	121	24	5285	20110	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	170	32748	32748	378067	12	18127855	554	500	32748	921419	28
15	Gopeshwar	11	204	7158	7158	225747	32	4470004	624	28	7158	34477	5
16	Narayanbagar	11	107	1760	1760	91982	52	897688	510	7	1760	5434	3
17	Gairsain	11	86	4667	4667	171118	37	2822558	605	11	4667	20297	4
18	Kotdwar	11	1743	56803	46717	3445842	61	24001022	423	400	46717	694674	12
19	Rudraprayag	11	147	5001	3300	99017	20	1503316	301	30	3300	16037	3
20	Roorkee(Urban)	11	1632	32927	32927	3819532	116	43397786	1318	90	32927	211391	6
21	Roorkee(Rural)	11	584	24045	18034	1316482	55	51191805	2129	49	18034	110458	5
22	Ramnagar (Roorkee)	11	251	20764	17938	375196	18	8511420	410	86	17938	128553	6
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	197	1875	1407	9189	5	178352	95	60	1407	2965	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	825	23646	20588	882648	37	21996741	930	28	20588	28609	1
27	Laksar	11	59	4280	4280	115740	27	2121240	496	5	4280	12200	3
28	Hadwani (Urban)	11	292	124318	11401	195956	2	7993101	64	34	11401	18792	0
29	Haldwani (Rural)	11	81	11990	5490	133744	11	1487093	124	16	5490	25056	2
30	Nainital	11	199	28117	25030	321038	11	13057402	464	49	25030	77147	3
31	Ramnagar	11	170	21573	8229	256515	12	3236259	150	45	8229	64517	3
32	Kashipur	11	377	39753	39753	1315922	33	27747594	698	166	39753	559938	14
33	Bazpur	11	233	14123	14123	551430	39	14586505	1033	53	14123	120294	9
34	Jasipur	11	70	11368	11368	204722	18	7885840	694	16	11368	49356	4
35	Rudrapur-I	11	907	44270	44270	2216860	50	52637030	1189	49	44270	105820	2
36	Rudrapur-II	11	386	37237	37237	781767	21	25321432	680	28	37237	56090	2
37	Sitraganj	11	51	7316	3658	47058	6	2449135	335	0	3658	0	0
38	Khatima	11	171	7159	3355	135960	19	1859275	260	0	3355	0	0
39	Almora	11	498	9975	9975	449982	45	9928499	995	55	9975	45652	5
40	Bageshwar	11	121	5313	5313	395892	75	3430869	646	45	5313	84594	16
41	Ranikhet	11	145	3400	3400	150630	44	2270547	668	36	3400	28934	9
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	434	37285	12189	614927	16	9533039	256	30	12189	44440	1
44	Dharchula	11	161	10740	6271	212352	20	2591231	241	48	6271	15515	1
45	Champawat	11	186	11335	3548	102206	9	2886985	255	89	3548	66659	6
	UPCL	11	13572	893038	653110	23124393	26	442016227	495	3113	653110	4385384	5

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of November 2022

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI Calculation				MAIFI Calculation			
						$\sum A_i \times N_i$ for Division	SAIFI	$\sum B_i \times N_i$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\sum C_i \times N_i$ for Division	MAIFI
							Nos.		Min				Nos.
1	Raipur Dehradun	11	701	45976	45976	1522747	33	22896614	498	444	45976	560353	12
2	Mohanpur	11	480	43900	28131	1311689	30	28017561	638	329	28131	670155	15
3	Vikasnagar	11	842	119431	95545	2971069	25	40817015	342	30	95545	195285	2
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	303	19948	18048	307114	15	2396130	120	18	18048	18269	1
6	Barkot	11	656	24419	20198	562209	23	6892199	282	731	20198	654499	27
7	Doiwala	11	218	25514	25514	274183	11	6623781	260	41	25514	49733	2
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1153	59004	29502	860582	15	17499104	297	200	29502	190082	3
12	Pauri	11	625	69314	15080	549864	8	11721060	169	83	15080	65920	1
13	Nainidanda	11	385	24272	11440	332045	14	5198533	214	287	11440	180117	7
14	Tehri	11	1279	107536	107536	2810546	26	192525864	1790	1606	107536	2785856	26
15	Gopeshwar	11	497	9927	9927	344418	35	12124112	1221	149	9927	139513	14
16	Narayanbagar	11	835	11506	11506	947635	82	9044403	786	69	11506	75205	7
17	Gairsain	11	506	28501	28057	686019	24	16288824	572	71	28057	84411	3
18	Kotdwar	11	1522	53146	18205	859227	16	12168267	229	616	18205	352607	7
19	Rudraprayag	11	746	11843	7598	285435	24	6677665	564	148	7598	55702	5
20	Roorkee(Urban)	11	1875	24840	24840	2217715	89	96851160	3899	545	24840	644598	26
21	Roorkee(Rural)	11	2581	84482	63362	6814055	81	357425042	4231	355	63362	937230	11
22	Ramnagar (Roorkee)	11	434	28818	21210	613676	21	14961534	519	172	21210	243208	8
23	Bhagwanpur	11	2009	2969	2969	135562	46	5039405	1697	411	2969	27733	9
24	Haridwar(Urban)	11	506	228	138	10634	47	284865	1249	103	138	3230	14
25	Haridwar(Rural)	11	107	8022	7293	97544	12	1799548	224	50	7293	45581	6
26	Jwalapur	11	1112	29807	21250	1084644	36	36539639	1226	60	21290	38285	1
27	Laksar	11	1186	78601	78601	5754909	73	241674420	3075	237	78601	1185777	15
28	Hadwani (Urban)	11	129	9100	1600	78905	9	1097921	121	44	1600	25833	3
29	Haldwani (Rural)	11	1192	260614	127164	2338348	9	32465686	125	295	127164	585609	2
30	Nainital	11	416	48847	18602	273044	6	5791859	119	147	18602	92753	2
31	Ramnagar	11	817	29448	16411	671777	23	11364962	386	295	16411	269384	9
32	Kashipur	11	1169	55894	50347	2226398	40	91353406	1634	508	50347	915010	16
33	Bazpur	11	1824	39815	39815	3844790	97	136404752	3426	243	39815	586900	15
34	Jaspur	11	569	31456	33024	1190852	38	48858534	1553	245	33024	511697	16
35	Rudrapur-I	11	1448	81837	81837	5995512	73	206801486	2527	76	81837	284121	3
36	Rudrapur-II	11	1692	42191	42191	3523972	84	107332487	2544	38	42191	80092	2
37	Sitraganj	11	757	26398	13199	571194	22	30075266	1139	0	13199	0	0
38	Khatima	11	488	48492	11286	442519	9	8164505	168	0	11286	0	0
39	Almora	11	1179	12454	12454	552829	44	10727409	861	120	12454	65625	5
40	Bageshwar	11	1763	42745	42745	2629610	62	26420289	618	152	42745	264446	6
41	Ranikhet	11	1289	11725	11725	787894	67	16252207	1386	242	11725	133824	11
42	Bhikiyasain	11	451	6509	6509	119387	18	2544475	391	111	6509	31002	5
43	Pithoragarh	11	1522	57528	25997	846292	15	19533337	340	271	25997	145789	3
44	Dharchula	11	655	22770	13280	501523	22	8871211	390	261	13280	41212	2
45	Champawat	11	778	29826	9280	369974	12	6531605	219	390	9280	177378	6
	UPCL	11	38696	1769654	1249390	58318342	33	1916058142	1083	10193	1249430	13414024	8