

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of March 2023

SI 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	97	2845	1707	49788	18	788065	277	107	1707	46345	16
2	Mohanpur	11	53	5620	3091	163823	29	3771020	671	10	3091	30910	6
3	Vikasnagar	11	189	46556	37245	1087807	23	17862817	384	35	37245	149484	3
4	Rishikesh	11	770	29510	17706	467252	16	5208473	176	15	17706	3785	0.1
5	Uttarkashi	11	76	8288	7619	121037	15	653785	79	5	7619	6546	1
6	Barkot	11	28	2370	849	23772	10	353184	149	24	849	20376	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	827	3539	3539	77965	22	1953174	552	447	3539	43258	12
9	Dehradun (South)	11	1313	112477	67486	1617616	14	25968050	231	444	67486	590100	5
10	Dehradun (Central)	11	398	3826	3826	39144	10	872347	228	281	3826	24219	6
11	Srinagar	11	131	18888	9444	130307	7	2486497	132	15	9444	17504	1
12	Pauri	11	128	16929	4795	107015	6	1427900	84	26	4795	19370	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	202	31007	24793	352645	11	14062203	454	227	24793	399195	13
15	Gopeshwar	11	429	7206	4324	252173	35	4925401	683	38	4324	20191	3
16	Narayanbagar	11	79	1760	1300	54980	31	2244720	1275	3	1300	2940	2
17	Gairsain	11	139	10594	6356	173264	16	4986388	471	24	6356	29675	3
18	Kotdwar	11	720	56803	46717	1496378	26	47160093	830	403	46717	768289	14
19	Rudraprayag	11	110	5859	4515	88164	15	1695938	289	6	4515	3901	1
20	Roorkee(Urban)	11	1720	30245	22235	1330780	44	37292085	1233	86	22235	185704	6
21	Roorkee(Rural)	11	780	24045	18034	1298430	54	31859625	1325	53	18034	119475	5
22	Ramnagar (Roorkee)	11	449	20856	16796	628438	30	21449457	1028	108	16796	151161	7
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	424	1898	1384	20998	11	614209	324	147	1384	7570	4
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	777	23646	20588	850382	36	20481436	866	24	20588	24165	1
27	Laksar	11	63	6670	3602	112984	17	4025668	604	18	3602	32794	5
28	Hadwani (Urban)	11	1373	124318	12832	1029122	8	17074549	137	77	12832	56064	0.5
29	Haldwani (Rural)	11	78	12302	6284	135320	11	2497278	203	15	6284	36906	3
30	Nainital	11	249	28354	25137	417418	15	10436130	368	49	25137	77063	3
31	Ramnagar	11	261	21573	8229	373948	17	21297784	987	56	8229	97095	5
32	Kashipur	11	626	39753	17889	1108711	28	38257675	962	247	17889	428711	11
33	Bazpur	11	508	14300	8580	711380	50	39946334	2793	54	8580	75669	5
34	Jaspur	11	67	11368	6821	117683	10	3153936	277	18	6821	31296	3
35	Rudrapur-I	11	1128	44270	44270	2911380	66	54540640	1232	55	44270	121260	3
36	Rudrapur-II	11	1036	37237	37237	1563954	42	47253753	1269	28	37237	56090	2
37	Sitraganj	11	85	8078	4039	89621	11	5170713	640	0	4039	0	0
38	Khatima	11	121	9686	5812	108256	11	1697737	175	0	5812	0	0
39	Almora	11	535	11271	6763	343096	30	5531377	491	79	6763	49165	4
40	Bageshwar	11	147	5313	3188	235215	44	2877404	542	37	3188	52592	10
41	Ranikhet	11	113	232	232	7839	34	149936	646	29	232	1431	6
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	508	37729	12153	768939	20	11549443	306	46	12153	75227	2
44	Dharchula	11	185	10850	6865	201532	19	2613212	241	65	6865	15950	1
45	Champawat	11	134	11662	3919	104092	9	4539277	389	52	3919	41375	4
	UPCL	11	17056	899733	538200	20772648	23	520729713	579	3453	538200	3912852	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of March 2023

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	563	45976	27586	1067103	23	14988176	326	320	27586	434473	9
2	Mohanpur	11	598	43900	28131	1456433	33	28924368	659	398	28131	733034	17
3	Vikasnagar	11	646	119431	95545	2515918	21	35781733	300	102	95545	423326	4
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	239	19948	18048	244156	12	2178801	109	16	18048	17394	1
6	Barkot	11	656	24419	20198	562209	23	6892199	282	731	20198	654499	27
7	Doiwala	11	376	25514	15308	303629	12	9605970	376	51	15308	39928	2
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1858	59279	29639	1262067	21	30679325	518	351	29639	342749	6
12	Pauri	11	788	69314	13375	798655	12	21806185	315	261	13375	191505	3
13	Nainidanda	11	795	24509	8490	285142	12	4973369	203	221	8490	92889	4
14	Tehri	11	1113	103926	62356	1372988	13	58466264	563	1171	62356	1289194	12
15	Gopeshwar	11	1072	8065	4839	411329	51	13089717	1623	248	4839	97233	12
16	Narayanbagar	11	695	11506	8055	580155	50	19921550	1731	116	8055	94800	8
17	Gairsain	11	611	22574	13544	408681	18	11460618	508	96	13544	49453	2
18	Kotdwar	11	1725	33774	7118	714614	21	16467976	488	517	7118	259476	8
19	Rudraprayag	11	894	12023	7843	361657	30	9077771	755	114	7843	37871	3
20	Roorkee(Urban)	11	1930	24540	23470	1177920	48	37816140	1541	570	23470	666016	27
21	Roorkee(Rural)	11	3396	84482	63362	4224100	50	160177872	1896	449	63362	1185397	14
22	Ramnagar (Roorkee)	11	663	28874	19660	931041	32	29770857	1031	188	19660	264006	9
23	Bhagwanpur	11	3412	3516	3516	280960	80	10781974	3067	386	3516	30845	9
24	Haridwar(Urban)	11	642	253	168	21044	83	976824	3861	85	168	2531	10
25	Haridwar(Rural)	11	266	8638	7853	261112	30	7484891	867	45	7853	44173	5
26	Jwalapur	11	1496	29807	21250	1582894	53	56997571	1912	82	21290	51088	2
27	Laksar	11	1487	102988	45047	3699802	36	185621628	1802	111	45047	386890	4
28	Hadwani (Urban)	11	235	18129	1691	137916	8	2257264	125	70	1691	41431	2
29	Haldwani (Rural)	11	1325	261502	147854	3138026	12	52038926	199	298	147854	523004	2
30	Nainital	11	281	42307	16374	156132	4	7194345	170	144	16374	82206	2
31	Ramnagar	11	1154	29804	16661	889737	30	27623005	927	202	16661	157940	5
32	Kashipur	11	1570	55894	22656	1691896	30	83902029	1501	665	22656	661824	12
33	Bazpur	11	2144	40593	18267	1986863	49	117128356	2885	218	20297	281030	7
34	Jaspur	11	678	31456	19814	819314	26	42743373	1359	272	19814	321766	10
35	Rudrapur-I	11	1866	81837	81837	6383286	78	216949887	2651	73	81837	272411	3
36	Rudrapur-II	11	1980	42191	42191	3459662	82	106996376	2536	38	42191	80092	2
37	Sitraganj	11	1124	31550	15775	1042853	33	57822675	1833	0	15775	0	0
38	Khatima	11	365	48651	29191	778243	16	21457140	441	0	29191	0	0
39	Almora	11	1879	12406	7444	519554	42	13691361	1104	298	7444	89116	7
40	Bageshwar	11	2525	46817	28090	2667482	57	21657354	463	409	28090	459386	10
41	Ranikhet	11	1592	727	727	48130	66	981760	1350	418	727	13368	18
42	Bhikiyasain	11	1063	7901	4741	158373	20	6197962	784	438	4741	71310	9
43	Pithoragarh	11	2418	59229	26560	1326650	22	25576053	432	354	19487	153034	3
44	Dharchula	11	720	23910	13651	523151	22	8983212	376	305	13651	41321	2
45	Champawat	11	810	34287	10558	433814	13	7603075	222	232	10558	121452	4
	UPCL	11	49650	1776446	1048480	50684692	29	1594745931	898	11063	1043477	10759461	6