

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

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI Calculation		SAIDI 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	77	7239	7239	143223	20	3844324	531	33	7239	83387	12
2	Mohanpur	11	69	5525	3039	209674	38	5424169	982	18	3039	54698	10
3	Vikasnagar	11	361	41558	33246	2046763	49	47158614	1135	15	33246	99973	2
4	Rishikesh	11	1105	42240	42240	1445697	34	38580182	913	32	4983	33775	1
5	Uttarkashi	11	73	8288	7619	115048	14	2048940	247	5	7563	5846	1
6	Barkot	11	32	2370	849	27168	11	434688	183	25	849	21225	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1050	3329	3329	88050	26	2466789	741	655	3329	41121	12
9	Dehradun (South)	11	1391	107944	107944	2800206	26	53236809	493	453	107944	941508	9
10	Dehradun (Central)	11	665	4233	4233	99567	24	3009600	711	405	4233	71405	17
11	Srinagar	11	263	18888	9444	330644	18	7903659	418	36	9444	47903	3
12	Pauri	11	227	16935	8257	287285	17	8949205	528	64	1489	16665	1
13	Tehri	11	186	29942	29942	460674	15	24710230	825	513	29942	1182871	40
14	Gopeshwar	11	536	5636	5636	384402	68	10211674	1812	68	5636	62364	11
15	Narayanbagar	11	46	2072	2072	49084	24	308438	149	25	2072	28042	14
16	Gairsain	11	294	10594	10594	660472	62	19410737	1832	35	10594	77856	7
17	Kotdwar	11	1005	56803	46717	2005374	35	67311555	1185	659	46717	1256648	22
18	Rudraprayag	11	191	3980	2312	72435	18	2327989	585	22	2312	7828	2
19	Roorkee(Urban)	11	1545	32165	32165	2205232	69	56996380	1772	80	32165	160825	5
20	Roorkee(Rural)	11	837	24045	16283	1703635	71	56529795	2351	108	16283	219824	9
21	Ramnagar (Roorkee)	11	607	22863	15557	726392	32	22503799	984	162	15557	193864	8
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	588	3696	2598	46102	12	1604579	434	148	2598	13114	4
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	1132	21796	19670	1060280	49	10393954	477	25	19670	491738	23
26	Laksar	11	81	7490	7490	249820	33	6209880	829	10	7490	18690	2
27	Hadwani (Urban)	11	1131	100152	17658	1117795	11	21069457	210	113	17658	81865	1
28	Haldwani (Rural)	11	169	12226	7031	336837	28	9086899	743	45	7031	90782	7
29	Nainital	11	296	27973	22208	453314	16	15705185	561	94	22208	137392	5
30	Ramnagar	11	405	16959	5615	513915	30	12628400	745	90	16959	408551	24
31	Kashipur	11	713	39753	39753	2440942	61	65512944	1648	175	39753	589945	15
32	Bazpur	11	581	13887	13887	1381154	99	43383132	3124	80	13887	190582	14
33	Jaspur	11	43	11368	11368	122940	11	11458944	1008	19	11368	55786	5
34	Rudrapur-I	11	1980	44270	44270	5207490	118	85175480	1924	69	44270	161580	4
35	Rudrapur-II	11	970	36751	36751	2000963	54	51414649	1399	27	36751	55734	2
36	Sitraganj	11	165	10364	5182	212125	20	8073780	779	0	5182	0	0
37	Khatima	11	237	7159	5775	301015	42	6220225	869	0	5775	0	0
38	Almora	11	810	6250	6250	459991	74	6162500	986	86	6250	47641	8
39	Bageshwar	11	123	4176	4176	513648	123	5032080	1205	13	4176	54288	13
40	Ranikhet	11	208	2656	2656	180731	68	2913632	1097	189	2656	91565	34
41	Bhikyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	702	36580	11963	1007534	28	19094760	522	56	9050	62115	2
43	Dharchula	11	252	10685	7345	190553	18	2901231	272	40	6422	14255	1
44	Champawat	11	227	13279	3913	145748	11	4147736	312	73	3913	60272	5
	UPCL	11	21373	874119	664275	33803921	39	821557022	940	4765	627702	7233522	8

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

SI No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI Calculation		SAIDI 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	705	41049	41049	1548490	38	20422978	498	470	41049	501283	12
2	Mohanpur	11	838	43710	27995	1995393	46	55250639	1264	432	27995	871527	20
3	Vikasnagar	11	1224	119431	95545	4970792	42	103109630	863	46	95545	282824	2
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	200	18899	17139	212813	11	5122800	271	16	17139	19337	1
6	Barkot	11	503	22594	18708	498319	22	7516734	333	517	18708	484119	21
7	Doiwala	11	593	18979	18979	748150	39	20377611	1074	70	18979	105553	6
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2772	46916	23458	1628572	35	38835360	828	543	23458	398434	8
12	Pauri	11	1159	69304	21630	1201579	17	31352585	452	433	9400	189535	3
13	Tehri	11	1580	105212	105212	3580053	34	327896601	3117	2754	105212	5760174	55
14	Gopeshwar	11	1176	8810	8810	680335	77	33141252	3762	341	8810	193780	22
15	Narayanbagar	11	389	10044	10044	308436	31	1666019	166	119	10044	138232	14
16	Gairsain	11	1104	22574	22574	1439534	64	43785844	1940	161	22130	216636	10
17	Kotdwar	11	3446	53146	18205	1647780	31	47811032	900	1125	18205	699531	13
18	Rudraprayag	11	1198	12296	8070	502267	41	15552430	1265	261	8070	102638	8
19	Roorkee(Urban)	11	1532	23868	23868	1718496	72	105066936	4402	345	23868	381888	16
20	Roorkee(Rural)	11	3641	102130	61641	10936921	107	453982869	4445	646	61641	1940470	19
21	Ramnagar (Roorkee)	11	430	24116	17580	755940	31	25683540	1065	110	17580	193380	8
22	Bhagwanpur	11	2410	3861	3861	211478	55	10958396	2838	411	3861	36065	9
23	Haridwar(Urban)	11	596	286	224	25822	90	358358	1253	165	224	7757	27
24	Haridwar(Rural)	11	222	9771	8882	246476	25	12008464	1229	125	8882	138781	14
25	Jwalapur	11	981	34036	20260	828128	24	19601955	576	228	20260	192470	6
26	Laksar	11	1453	127341	127341	11429458	90	477783432	3752	313	127341	2291733	18
27	Hadwani (Urban)	11	344	9100	1846	238087	26	1938338	213	64	1846	39449	4
28	Haldwani (Rural)	11	2708	249444	143440	6179529	25	151533452	607	799	143440	1966333	8
29	Nainital	11	915	47471	17778	596862	13	20671589	435	313	17778	198939	4
30	Ramnagar	11	1722	29448	16411	1157937	39	23146128	786	365	29294	502894	17
31	Kashipur	11	2262	53494	48045	4362527	82	185866530	3475	628	48045	1136414	21
32	Bazpur	11	3393	38692	38992	6571506	170	202475236	5233	270	38992	604266	16
33	Jaspur	11	603	31456	33024	1306561	42	70811137	2251	277	33024	583598	19
34	Rudrapur-I	11	2340	81837	81837	11193938	137	394536177	4821	81	81837	187838	2
35	Rudrapur-II	11	2521	42191	42191	5369891	127	199225902	4722	38	42191	80092	2
36	Sitraganj	11	1219	41107	20553	1364075	33	108437736	2638	0	20553	0	0
37	Khatima	11	909	48492	18140	1274704	26	52497423	1083	0	18140	0	0
38	Almora	11	2751	11467	11467	1259566	110	37939712	3309	537	11467	247403	22
39	Bageshwar	11	3832	42914	42914	7082045	165	139450595	3250	543	42914	1088298	25
40	Ranikhet	11	2212	9796	9796	909357	93	25190450	2572	687	9796	267687	27
41	Bhikiyasain	11	1487	9844	9844	548711	56	38426388	3904	448	9844	185665	19
42	Pithoragarh	11	4012	56870	25779	2195512	39	70961138	1248	545	19777	245758	4
43	Dharchula	11	685	22670	12590	485012	21	9121351	402	240	6275	43212	2
44	Champawat	11	1151	32638	10093	609451	19	11579702	355	587	10093	306248	9
	UPCL	11	63218	1777303	1285815	99820502	56	3601094448	2026	16053	1273707	22830241	13