

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of June 2021

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			
						$\sum A_i \times N_i$ 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	90	7217	7217	213918	30	8914386	1235	84	7217	226994	31
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	629	49402	39770	1724632	35	27767632	562	16	39770	44382	1
4	Rishikesh	11	682	37892	37892	831858	22	15155429	400	14	37892	16381	0
5	Uttarkashi	11	81	8288	7619	124894	15	1401896	169	4	7563	6490	1
6	Barkot	11	26	2370	849	22074	9	475440	201	59	849	16590	7
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	884	2664	2664	78561	29	1643155	617	581	2664	39720	15
9	Dehradun (South)	11	1807	98992	98992	3401755	34	57878387	585	371	98992	804814	8
10	Dehradun (Central)	11	600	2981	2981	45362	15	939370	315	400	2981	30828	10
11	Srinagar	11	33	599	299	9882	17	232126	388	3	299	898	2
12	Pauri	11	187	16929	8080	252780	15	3423925	202	34	1590	11520	1
13	Tehri	11	161	29942	29942	321377	11	21803764	728	92	29942	183644	6
14	Gopeshwar	11	444	4097	4097	41103	10	6244953	1524	107	4097	61263	15
15	Narayanbagar	11	85	2072	2072	105910	51	3609424	1742	26	2072	31220	15
16	Gairsain	11	181	7633	7633	443455	58	8902970	1166	11	7633	25229	3
17	Kotdwar	11	760	56803	46717	1552881	27	32207301	567	584	46717	1203548	21
18	Rudraprayag	11	194	2723	2223	118058	43	2240361	823	7	2233	10450	4
19	Roorkee(Urban)	11	1127	33320	21885	1761628	53	52943100	1589	56	33320	133280	4
20	Roorkee(Rural)	11	506	20835	17180	1448868	70	54833631	2632	188	17180	538315	26
21	Ramnagar (Roorkee)	11	661	22862	17560	892858	39	17734249	776	151	17560	203966	9
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	321	2607	1794	18718	7	330046	127	161	1794	28754	11
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	1125	27171	25044	655014	24	10049337	370	94	25044	554041	20
26	Laksar	11	87	8920	8920	344620	39	8386200	940	19	8920	71720	8
27	Hadwani (Urban)	11	951	95436	95436	972501	10	19551212	205	178	95436	863648	9
28	Haldwani (Rural)	11	46	3681	2385	29629	8	949195	258	16	2385	12193	3
29	Nainital	11	234	29093	29093	388743	13	12510358	430	116	29093	184242	6
30	Ramnagar	11	315	16959	16959	367155	22	4747345	280	91	16959	345429	20
31	Kashipur	11	522	39753	39753	1431108	36	49171402	1237	288	39753	1015186	26
32	Bazpur	11	435	13587	13587	984479	72	23007741	1693	68	13587	166221	12
33	Jaspur	11	63	11368	11368	181888	16	4692900	413	8	11368	24316	2
34	Rudrapur-I	11	504	44270	44270	1519508	34	40951480	925	62	44270	132810	3
35	Rudrapur-II	11	565	34890	34890	1748338	50	32791114	940	32	34889	66583	2
36	Sitraganj	11	172	10364	5182	226757	22	12102859	1168	0	5182	0	0
37	Khatima	11	363	14205	4291	259606	18	5320840	375	0	4291	0	0
38	Almora	11	643	17235	6557	392567	23	8737492	507	89	6557	58483	3
39	Bageshwar	11	139	4176	4176	425952	102	8752896	2096	17	4176	70992	17
40	Ranikhet	11	194	2996	2996	185651	62	3645928	1217	75	2996	54337	18
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	520	35385	11506	690182	20	11202477	317	37	5506	36999	1
43	Dharchula	11	267	10525	7500	162983	15	3902235	371	45	5503	15201	1
44	Champawat	11	414	12987	3896	233766	18	3168828	244	86	3896	90909	7
	<b>UPCL</b>	<b>11</b>	<b>17018</b>	<b>843229</b>	<b>725275</b>	<b>24611019</b>	<b>29</b>	<b>582323385</b>	<b>691</b>	<b>4270</b>	<b>722176</b>	<b>7381595</b>	<b>9</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of June 2021

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			
						$\sum A_i \times N_i$ 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	753	40552	40552	2047785	50	33880469	835	648	40552	1347127	33
2	Mohanpur	11	702	30517	48405	1085795	36	29261531	959	340	30516	438529	14
3	Vikasnagar	11	448	19459	14201	393003	20	5313361	273	1	14201	236	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	289	19948	18048	289768	15	10317272	517	20	18048	22026	1
6	Barkot	11	630	20264	17239	354158	17	5099275	252	615	17239	263432	13
7	Doiwala	11	438	18979	18979	679638	36	18031948	950	76	18979	95844	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	59	1418	709	41687	29	1083448	764	13	709	8933	6
12	Pauri	11	904	63671	24310	1118450	18	42067095	661	405	10025	315225	5
13	Tehri	11	1526	105212	105212	2508649	24	242234191	2302	266	105212	437287	4
14	Gopeshwar	11	988	6332	6332	169453	27	13580877	2145	337	6332	140647	22
15	Narayanbagar	11	411	10044	10044	281248	28	29083309	2896	127	10044	130850	13
16	Gairsain	11	897	22248	22248	1318055	59	34476178	1550	147	22248	285432	13
17	Kotdwar	11	2747	52486	18180	1286254	25	29392250	560	616	18180	422895	8
18	Rudraprayag	11	1148	12850	12129	915042	71	16949150	1319	338	12129	270487	21
19	Roorkee(Urban)	11	1872	28293	28293	2522119	89	56218191	1987	385	28293	518705	18
20	Roorkee(Rural)	11	2712	86622	64967	8229090	95	191867730	2215	919	64967	3316901	38
21	Ramnagar (Roorkee)	11	498	24116	22052	1098190	46	36050610	1495	221	22052	487349	20
22	Bhagwanpur	11	2894	6274	6274	412658	66	13589484	2166	550	6274	78425	13
23	Haridwar(Urban)	11	483	260	192	17521	67	482820	1857	147	192	8224	32
24	Haridwar(Rural)	11	154	8858	8053	155020	18	13457570	1519	135	8053	135894	15
25	Jwalapur	11	1124	29507	22223	957258	32	14653624	497	216	22223	800168	27
26	Laksar	11	1578	119935	119935	8515385	71	264936415	2209	302	119935	1614752	13
27	Hadwani (Urban)	11	207	10424	10424	115549	11	2469473	237	63	10424	132821	13
28	Hadwani (Rural)	11	2187	223682	123846	4514935	20	91051041	407	1102	123846	2586189	12
29	Nainital	11	496	45160	45160	340703	8	16213577	359	323	45053	198687	4
30	Ramnagar	11	1118	29448	29448	890478	30	27333247	928	444	29448	580260	20
31	Kashipur	11	1408	53494	53494	2929397	55	73179792	1368	535	53494	953972	18
32	Bazpur	11	1455	36245	36187	2897455	80	81370025	2245	247	36208	577039	16
33	Jaspur	11	606	33024	31456	1301029	39	66566975	2016	227	31456	483523	15
34	Rudrapur-I	11	707	86047	86047	1855194	22	72393337	841	81	86047	167204	2
35	Rudrapur-II	11	1822	56903	56903	7359886	129	76591438	1346	35	42094	113806	2
36	Sitraganj	11	572	36702	18351	712231	19	50469411	1375	0	18351	0	0
37	Khatima	11	1195	48492	17663	1241605	26	29725596	613	0	17663	0	0
38	Almora	11	2096	17235	10678	873554	51	26949973	1564	392	10678	235834	14
39	Bageshwar	11	2989	42899	42899	3818011	89	102271216	2384	492	42899	979337	23
40	Ranikhet	11	1679	8857	8857	649689	73	13634536	1539	450	8857	173432	20
41	Bhikiyasain	11	1226	10055	9780	488717	49	23131798	2301	427	9780	183074	18
42	Pithoragarh	11	2907	55837	25440	1536555	28	33606378	602	352	14835	146500	3
43	Dharchula	11	930	24386	11440	536555	22	11256252	462	395	10125	71251	3
44	Champawat	11	1375	24164	7249	410788	17	6886740	285	265	7249	144984	6
	<b>UPCL</b>	<b>11</b>	<b>48230</b>	<b>1570899</b>	<b>1253899</b>	<b>66868558</b>	<b>43</b>	<b>1907127602</b>	<b>1214</b>	<b>12654</b>	<b>1194910</b>	<b>18867281</b>	<b>12</b>