

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of January 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	136	7682	7682	284234	37	3164984	412	47	7682	84502	11
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	774	49402	39770	1999757	40	32332320	654	46	39770	146898	3
4	Rishikesh	11	540	37914	37914	732965	19	12832125	338	4	37914	5293	0
5	Uttarkashi	11	107	8288	7619	166443	20	9478036	1144	6	7619	6975	1
6	Barkot	11	35	2370	849	29715	13	466950	197	65	849	26070	11
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	587	3764	3764	63988	17	1136728	302	387	3764	33876	9
9	Dehradun (South)	11	1087	100578	100578	2011560	20	32084382	319	267	100578	402312	4
10	Dehradun (Central)	11	453	4082	4082	53280	13	2927226	717	304	4082	29126	7
11	Srinagar	11	29	599	299	8726	15	338352	565	2	299	743	1
12	Pauri	11	179	16929	7450	225190	13	4751175	281	16	1080	2815	0
13	Tehri	11	168	29942	29942	335350	11	19360497	647	85	29942	169671	6
14	Gopeshwar	11	322	7206	7206	107662	15	5333382	740	27	7206	33619	5
15	Narayanbagar	11	44	2072	2072	48440	23	306366	148	19	2072	21826	11
16	Gairsain	11	169	7633	7633	405165	53	6443327	844	20	7633	47335	6
17	Kotdwar	11	522	56803	46717	1060467	19	24913939	439	657	46717	1381476	24
18	Rudraprayag	11	207	5221	1826	72730	14	828965	159	36	1826	9855	2
19	Roorkee(Urban)	11	815	32550	21940	1244061	38	65444100	2011	97	32550	225525	7
20	Roorkee(Rural)	11	375	23059	17294	810656	35	26838126	1164	53	17294	114573	5
21	Ramnagar (Roorkee)	11	427	22862	19184	640126	28	11499415	503	95	19184	182893	8
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	447	2312	1728	22912	10	613142	265	128	1728	9040	4
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	968	21796	19670	598398	27	6663043	306	24	19670	472068	22
26	Laksar	11	80	5270	5270	218820	42	2676180	508	15	5270	40950	8
27	Hadwani (Urban)	11	1141	95436	95436	1086650	11	16696978	175	177	95436	826292	9
28	Haldwani (Rural)	11	43	6282	3712	27622	4	283090	45	14	3712	18098	3
29	Nainital	11	202	27819	27819	315023	11	11112022	399	41	27819	63310	2
30	Ramnagar	11	283	16959	16959	319240	19	6508495	384	47	16959	190082	11
31	Kashipur	11	394	39753	39753	1415087	36	44266369	1114	189	39753	634622	16
32	Bazpur	11	282	13745	13745	648635	47	12472519	907	35	13745	80503	6
33	Jasur	11	43	11368	11368	125048	11	12072816	1062	19	11368	55786	5
34	Rudrapur-I	11	988	44270	44270	2513390	57	66553324	1503	85	44270	177080	4
35	Rudrapur-II	11	439	22909	22909	887495	39	29967420	1308	27	22909	55734	2
36	Sitraganj	11	117	7468	3734	105777	14	5063304	678	0	3734	0	0
37	Khatima	11	246	14205	3795	170460	12	5042775	355	0	3795	0	0
38	Almora	11	655	28680	12874	923604	32	14744803	514	48	12874	56356	2
39	Bageshwar	11	85	4176	4176	354960	85	4259520	1020	21	4176	87696	21
40	Ranikhet	11	175	4583	4583	253882	55	3022780	660	38	4583	47996	10
41	Bhikyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	529	36111	11750	740193	20	13047918	361	37	8934	39890	1
43	Dharchula	11	245	10668	7320	171000	16	2903952	272	34	6145	13107	1
44	Champawat	11	378	12987	3896	233766	18	3220776	248	60	3896	55325	4
	<b>UPCL</b>	<b>11</b>	<b>14716</b>	<b>845753</b>	<b>718588</b>	<b>21432478</b>	<b>25</b>	<b>521671622</b>	<b>617</b>	<b>3272</b>	<b>718837</b>	<b>5849318</b>	<b>7</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of January 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			
						$\sum Ai \times Ni$ 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	889	41329	41329	1942463	47	20540513	497	503	41329	661264	16
2	Mohanpur	11	512	49235	31034	1181640	24	24715970	502	308	31034	640055	13
3	Vikasnagar	11	339	19459	14201	337004	17	6108381	314	0	14201	0	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	334	19948	18048	329882	17	56237568	2819	20	18048	22073	1
6	Barkot	11	640	20264	17239	283696	14	4701248	232	655	17239	243168	12
7	Doiwala	11	404	18979	18979	547734	29	19823755	1045	57	18979	84267	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	44	1514	757	33314	22	1461373	965	7	757	4927	3
12	Pauri	11	901	64376	21555	1068379	17	23831715	370	213	6660	79395	1
13	Tehri	11	1587	105212	105212	2608929	25	195904744	1862	281	105212	461946	4
14	Gopeshwar	11	632	9441	9441	312563	33	13526578	1433	108	9441	74510	8
15	Narayanbagar	11	382	10044	10044	310362	31	1678260	167	103	10044	115218	11
16	Gairsain	11	637	25293	25293	841847	33	29240415	1156	82	25293	123021	5
17	Kotdwar	11	1864	53146	18205	1024240	19	20393785	384	641	18205	418023	8
18	Rudraprayag	11	1113	13497	5334	316186	23	5498201	407	241	5334	48496	4
19	Roorkee(Urban)	11	1785	26125	26125	2220625	85	111833661	4281	435	25025	541161	21
20	Roorkee(Rural)	11	2275	106480	79860	4472160	42	237947568	2235	497	79860	1167365	11
21	Ramnagar (Roorkee)	11	423	24116	19970	844060	35	14734876	611	142	19970	265276	11
22	Bhagwanpur	11	2202	3260	3260	163163	50	9210641	2825	401	3260	29731	9
23	Haridwar(Urban)	11	486	261	201	20395	78	588503	2255	150	201	7752	30
24	Haridwar(Rural)	11	138	8049	7317	126218	16	12390425	1539	101	7317	92377	11
25	Jwalapur	11	867	27747	20426	486359	18	6220330	224	131	20426	666206	24
26	Laksar	11	1477	100928	100928	6257536	62	316510208	3136	310	100928	1895207	19
27	Hadwani (Urban)	11	223	10424	10424	160089	15	2681331	257	52	10424	249745	24
28	Haldwani (Rural)	11	1879	224950	157258	4569381	20	85578530	380	640	157258	1878984	8
29	Nainital	11	660	47050	47050	437630	9	5485432	117	117	47050	72259	2
30	Ramnagar	11	1062	29448	29448	804664	27	15120314	513	217	29448	329547	11
31	Kashipur	11	1072	53494	53494	2346597	44	81881781	1531	351	53494	657675	12
32	Bazpur	11	1492	38319	38319	2888899	75	102091140	2664	149	38319	301265	8
33	Jasipur	11	603	33024	31456	1306561	40	74337024	2251	277	31456	583598	18
34	Rudrapur-I	11	804	86047	86047	3204263	37	123649539	1437	88	86047	284443	3
35	Rudrapur-II	11	1353	42191	42191	2909343	69	74364944	1763	38	42191	84382	2
36	Sitraganj	11	891	24874	12437	682294	27	26460961	1064	0	12437	0	0
37	Khatima	11	597	48492	12351	436428	9	14741568	304	0	12351	0	0
38	Almora	11	1541	28680	15806	939879	33	26949973	940	141	15806	167560	6
39	Bageshwar	11	1477	42907	42907	2059536	48	58307321	1359	165	42907	303430	7
40	Ranikhet	11	1265	13667	13667	817226	60	15640849	1144	260	13667	155726	11
41	Bhikiyasain	11	959	7610	7610	230768	30	6531854	858	237	7610	50134	7
42	Pithoragarh	11	1983	56499	25658	1087820	19	25250075	447	252	13956	103303	2
43	Dharchula	11	690	24470	11650	452365	18	9251150	378	201	6251	39501	2
44	Champawat	11	1038	24164	7249	507444	21	6717592	278	256	7249	118162	5
	<b>UPCL</b>	<b>11</b>	<b>39520</b>	<b>1585013</b>	<b>1239779</b>	<b>51569941</b>	<b>33</b>	<b>1888140095</b>	<b>1191</b>	<b>8826</b>	<b>1206683</b>	<b>13021151</b>	<b>8</b>