

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of June 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
						KV	KW	Nos.	Min			Nos.	
1	Raipur Dehradun	11	70	7239	5067	138456	19	3776305	522	32	5067	75840	10
2	Mohanpur	11	75	5627	2481	170623	30	3771020	670	39	2481	61820	11
3	Vikasnagar	11	262	46556	29796	1160152	25	23755623	510	19	29796	98382	2
4	Rishikesh	11	797	26635	15981	780721	29	23145376	869	23	15981	14227	1
5	Uttarkashi	11	67	8288	7619	104032	13	878298	106	5	7619	7563	1
6	Barkot	11	18	2370	1659	29862	13	690144	291	8	1659	13272	6
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1033	3805	3044	109321	29	2034084	535	898	3044	93984	25
9	Dehradun (South)	11	1427	112477	67486	1783940	16	34364562	306	484	67486	660044	6
10	Dehradun (Central)	11	718	4830	3864	85100	18	1433880	297	385	3864	45060	9
11	Srinagar	11	185	18888	9444	186826	10	3692018	195	34	9444	49542	3
12	Pauri	11	253	16929	6355	245655	15	6535230	386	55	6355	57520	3
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	169	29942	17965	329362	11	11562403	386	537	17965	643154	21
15	Gopeshwar	11	514	5328	2046	145720	27	3878679	728	70	2046	25198	5
16	Narayanbagar	11	92	1760	992	47238	27	2511045	1427	17	992	8549	5
17	Gairsain	11	262	10594	5085	236895	22	5463330	516	56	5085	69507	7
18	Kotdwar	11	642	56803	34082	946507	17	24762143	436	471	34082	707183	12
19	Rudraprayag	11	221	4804	2749	108812	23	1927551	401	11	2749	3281	1
20	Roorkee(Urban)	11	1430	30125	21210	964000	32	30396125	1009	70	21210	150625	5
21	Roorkee(Rural)	11	891	21545	16159	861800	40	47140460	2188	102	16159	235460	11
22	Ramnagar (Roorkee)	11	620	20856	14788	764029	37	20061925	962	127	14788	156503	8
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	647	4429	2976	52983	12	1270704	287	144	2976	12529	3
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	790	23646	14188	559982	24	10735916	454	15	14188	18309	1
27	Laksar	11	67	14302	6865	260450	18	7690387	538	22	6865	81413	6
28	Hadwani (Urban)	11	1244	124318	18899	1324350	11	23014639	185	180	18899	153006	1
29	Haldwani (Rural)	11	126	13228	7987	264093	20	4531038	343	31	7987	64984	5
30	Nainital	11	226	28448	23336	306187	11	12447495	438	98	23336	148694	5
31	Ramnagar	11	411	21573	8229	630292	29	14593270	676	146	8229	224400	10
32	Kashipur	11	546	39753	15901	860572	22	28211792	710	260	15901	417895	11
33	Bazpur	11	414	14466	7030	490561	34	14532051	1005	70	7030	85401	6
34	Jasgur	11	96	11368	6821	172362	15	4673136	411	17	6821	30589	3
35	Rudrapur-I	11	1227	35990	25193	1187670	33	48622490	1351	52	25193	97650	3
36	Rudrapur-II	11	981	41204	41204	947692	23	47616900	1156	29	41204	58640	1
37	Sitraganj	11	149	11431	5716	226414	20	8453753	740	0	5716	0	0
38	Khatima	11	315	7535	3315	226560	30	3861352	512	0	3315	0	0
39	Almora	11	459	6980	3392	148912	21	3632555	520	66	3392	18598	3
40	Bageshwar	11	131	5313	2582	187591	35	2948079	555	50	2582	60122	11
41	Ranikhet	11	157	2753	1321	67462	25	1109388	403	41	1321	14287	5
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	570	38025	12347	831169	22	12142121	319	74	12347	109059	3
44	Dharchula	11	293	10925	7455	225321	21	5211535	477	50	7455	14265	1
45	Champawat	11	151	12196	4047	124727	10	4650415	381	60	4047	48049	4
	<b>UPCL</b>	<b>11</b>	<b>18746</b>	<b>903283</b>	<b>486676</b>	<b>18294401</b>	<b>20</b>	<b>511729221</b>	<b>567</b>	<b>4848</b>	<b>486676</b>	<b>4834605</b>	<b>5</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of June 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
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	685	41049	28734	1150964	28	20242818	493	459	28734	463120	11
2	Mohanpur	11	802	43907	20262	1192895	27	22857560	521	602	20262	796665	18
3	Vikasnagar	11	1039	119431	76436	3154306	26	57498650	481	33	76436	167898	1
4	Rishikesh	11	320	18605	11163	414642	22	8166290	439	0	11163	0	0
5	Uttarkashi	11	263	19948	18048	273236	14	2608820	131	16	18048	17056	1
6	Barkot	11	599	24419	15384	389143	16	5329405	218	628	15384	397146	16
7	Doiwala	11	764	25514	12247	497096	19	11275724	442	96	12247	60654	2
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1911	59279	29639	1202443	20	25362750	428	395	29639	356477	6
12	Pauri	11	1142	68519	20725	937579	14	18068480	264	543	20725	378360	6
13	Nainidanda	11	1008	28047	9248	270443	10	6341614	226	418	9248	133502	5
14	Tehri	11	1284	105212	63127	1893816	18	130147244	1237	1625	63127	1578180	15
15	Gopeshwar	11	1245	8372	3516	297045	35	8438197	1008	303	3516	74518	9
16	Narayanbagar	11	887	11506	6286	568015	49	15729323	1367	150	6286	96122	8
17	Gairsain	11	939	29534	14176	585356	20	16645620	564	205	14176	169156	6
18	Kotdwar	11	2007	33774	7118	917296	27	16441106	487	640	7118	343921	10
19	Rudraprayag	11	1264	13949	9234	619724	44	12979813	931	140	9234	74640	5
20	Roorkee(Urban)	11	1820	23530	16471	800020	34	42989310	1827	525	16471	588250	25
21	Roorkee(Rural)	11	3585	86982	65237	2435496	28	175094766	2013	684	65237	1784884	21
22	Ramnagar (Roorkee)	11	799	28949	20230	1077585	37	28668607	990	303	20230	408646	14
23	Bhagwanpur	11	2934	5245	2518	167878	32	6750830	1287	1181	2518	67575	13
24	Haridwar(Urban)	11	529	513	241	22453	44	741445	1445	150	241	6707	13
25	Haridwar(Rural)	11	196	11444	10402	254849	22	8156468	713	72	10402	93618	8
26	Jwalapur	11	1202	29807	17000	971410	33	29103332	976	57	17000	23192	1
27	Laksar	11	1914	157451	58862	6031269	38	187967772	1194	339	58862	800247	5
28	Hadwani (Urban)	11	250	18129	1903	177878	10	4395494	242	79	1903	59933	3
29	Haldwani (Rural)	11	2447	262219	165332	6521897	25	115969742	442	1178	165332	3601828	14
30	Nainital	11	480	47821	17781	298170	6	17885327	374	477	17781	294790	6
31	Ramnagar	11	1509	29804	16661	1149148	39	28704493	963	444	16661	362338	12
32	Kashipur	11	1612	56444	20320	1336996	24	59085761	1047	808	20320	678928	12
33	Bazpur	11	2312	41395	14196	1581924	38	57373663	1386	287	14196	239684	6
34	Jaspur	11	734	33024	19814	959283	29	53868875	1631	273	19814	401621	12
35	Rudrapur-I	11	376	14450	10115	433500	30	14926850	1033	21	10115	23520	2
36	Rudrapur-II	11	1585	38225	38225	993850	26	72933300	1908	36	38225	75170	2
37	Sitraganj	11	1230	45657	18263	1436595	31	64206113	1406	0	18263	0	0
38	Khatima	11	1027	48622	21394	1611123	33	23226723	478	0	21394	0	0
39	Almora	11	1672	11092	5391	331558	30	9708050	875	462	5391	99717	9
40	Bageshwar	11	2498	46817	22753	1827128	39	17349147	371	641	22753	559521	12
41	Ranikhet	11	1566	9941	4155	288057	29	5414295	545	462	4155	78770	8
42	Bhikiyasain	11	1100	10281	5552	229340	22	5855009	569	517	5552	99991	10
43	Pithoragarh	11	3149	59753	26732	1740638	29	35094058	587	649	26732	385662	6
44	Dharchula	11	690	24320	12610	595121	24	25135121	1034	355	12610	45125	2
45	Champawat	11	862	35976	11020	484957	13	8798906	245	225	11020	123443	3
	<b>UPCL</b>	<b>11</b>	<b>54237</b>	<b>1828956</b>	<b>968521</b>	<b>48122120</b>	<b>26</b>	<b>1477536874</b>	<b>808</b>	<b>16478</b>	<b>968521</b>	<b>16010575</b>	<b>9</b>