

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of August 2024

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	67	7239	4343	137582	19	3718752	514	29	4343	70568	10
2	Mohanpur	11	64	5620	3091	197824	35	5875991	1046	21	3091	64911	12
3	Vikasnagar	11	386	46556	25606	1430641	31	22590200	485	14	25606	63841	1
4	Rishikesh	11	498	28704	17222	520169	18	9767892	340	34	17222	46376	2
5	Uttarkashi	11	430	10022	3481	179870	18	6041092	603	11	3481	6502	1
6	Barkot	11	25	2370	855	21375	9	355680	150	7	855	5985	3
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1623	3501	2101	133386	38	2621346	749	1217	2101	114513	33
9	Dehradun (South)	11	2242	113239	62281	2312835	20	42137662	372	580	62281	738212	7
10	Dehradun (Central)	11	701	4075	3260	57556	14	1056107	259	361	3260	32142	8
11	Srinagar	11	256	18888	9444	268208	14	5240692	277	45	9444	45773	2
12	Pauri	11	226	16929	5645	231830	14	3402090	201	63	5645	49765	3
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	120	29942	17965	164296	5	5093395	170	308	17965	372833	12
15	Gopeshwar	11	614	4907	2355	146478	30	7488981	1526	156	2355	44564	9
16	Narayanbagar	11	69	2455	1509	52521	21	9863175	4018	7	1509	5742	2
17	Gairsain	11	156	10594	5827	189116	18	10958415	1034	43	5827	56581	5
18	Kotdwar	11	691	62243	34234	912183	15	24595487	395	637	34234	919106	15
19	Rudraprayag	11	272	5502	3524	152616	28	6771758	1231	19	3524	11031	2
20	Roorkee(Urban)	11	1225	32660	22862	751180	23	35664720	1092	95	22862	221354	7
21	Roorkee(Rural)	11	605	21545	16159	517080	24	29021115	1347	147	16159	339339	16
22	Ramnagar (Roorkee)	11	571	20856	16038	673012	32	24604443	1180	119	16038	159040	8
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	821	2840	2518	60342	21	1556521	548	238	2518	20047	7
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	681	23646	14188	443533	19	14114387	597	18	14188	22316	1
27	Laksar	11	105	17298	9514	379606	22	7776659	450	21	9514	96136	6
28	Hadwani (Urban)	11	1158	124618	17244	983526	8	33928009	272	169	17244	150956	1
29	Haldwani (Rural)	11	174	10241	6323	245779	24	4856902	474	40	6323	69423	7
30	Nainital	11	259	26147	15688	301142	12	14158745	542	121	15688	157867	6
31	Ramnagar	11	300	21573	8341	426828	20	4996790	232	147	8341	205912	10
32	Kashipur	11	484	39753	21864	1078227	27	29114550	732	161	21864	341579	9
33	Bazpur	11	458	15140	6813	521592	34	11143013	736	91	6813	112731	7
34	Jasgur	11	51	11368	6821	89612	8	3325668	293	12	6821	20682	2
35	Rudrapur-I	11	817	35990	21594	863760	24	29223880	812	65	21594	123170	3
36	Rudrapur-II	11	1016	41204	26783	947692	23	35929888	872	29	26783	58640	1
37	Sitraganj	11	101	8688	6081	157423	18	5203810	599	0	6081	0	0
38	Khatima	11	249	12051	3102	187836	16	2999535	249	0	3102	0	0
39	Almora	11	643	6898	3311	215874	31	3291125	477	68	3311	19728	3
40	Bageshwar	11	451	8758	3503	404899	46	9399246	1073	94	3503	78967	9
41	Ranikhet	11	140	2430	1094	49217	20	871944	359	33	1094	8573	4
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	470	39377	12707	697413	18	14049631	357	23	12707	35594	1
44	Dharchula	11	525	11790	8560	262325	22	6493212	551	130	8560	17310	1
45	Champawat	11	172	12494	4101	142375	11	3794907	304	74	4101	63120	5
	<b>UPCL</b>	<b>11</b>	<b>19916</b>	<b>920150</b>	<b>457952</b>	<b>17508758</b>	<b>19</b>	<b>493097413</b>	<b>536</b>	<b>5447</b>	<b>457952</b>	<b>4970928</b>	<b>5</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of August 2024

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	685	41049	24629	1458965	36	19950253	486	470	24629	444211	11
2	Mohanpur	11	851	44674	28634	1736913	39	40924924	916	642	28634	1295161	29
3	Vikasnagar	11	1334	119431	65687	3405018	29	54583743	457	17	65687	77185	1
4	Rishikesh	11	404	21318	11725	554150	26	13043851	612	0	11725	0	0
5	Uttarkashi	11	1573	19630	5889	707512	36	19729598	1005	237	5889	114942	6
6	Barkot	11	552	24419	17310	407826	17	5975077	245	598	17310	433373	18
7	Doiwala	11	921	25514	14033	638871	25	15429271	605	95	14033	71292	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2272	59279	29639	1435789	24	37759408	637	335	29639	352988	6
12	Pauri	11	1008	66544	14120	714665	11	14590750	219	539	14120	305895	5
13	Nainidanda	11	1143	29872	17683	553477	19	5994597	201	525	17683	251951	8
14	Tehri	11	935	105212	63127	1125191	11	143123150	1360	1258	63127	1387618	13
15	Gopeshwar	11	1397	8648	3891	338390	39	18416874	2130	530	3891	129920	15
16	Narayanbagar	11	695	17351	7387	472698	27	15200178	876	155	7387	98698	6
17	Gairsain	11	784	29534	16244	648724	22	44503895	1507	282	16244	287708	10
18	Kotdwar	11	2217	38286	6807	830322	22	15764009	412	761	6807	268887	7
19	Rudraprayag	11	1486	14144	7779	577907	41	21574910	1525	93	7779	31455	2
20	Roorkee(Urban)	11	1309	36320	21792	726400	20	53717280	1479	1093	21792	581120	16
21	Roorkee(Rural)	11	2373	86982	65237	2000586	23	159524988	1834	886	65237	2311999	27
22	Ramnagar (Roorkee)	11	809	28949	20905	1031163	36	38849558	1342	295	20905	411132	14
23	Bhagwanpur	11	3012	4884	2930	151404	31	7931616	1624	1201	2930	78144	16
24	Haridwar(Urban)	11	530	365	308	29740	81	608700	1668	183	308	12278	34
25	Haridwar(Rural)	11	183	356579	10718	5348685	15	304518466	854	104	10718	3922369	11
26	Jwalapur	11	1394	29807	16394	1135390	38	29517566	990	56	16394	41839	1
27	Laksar	11	1734	178941	80523	7886696	44	200232278	1119	165	80523	545377	3
28	Hadwani (Urban)	11	297	9100	2066	207150	23	2988361	328	79	2066	44178	5
29	Haldwani (Rural)	11	2497	283155	149304	5712462	20	97971715	346	1077	149304	2807206	10
30	Nainital	11	358	42144	18965	365388	9	14089454	334	321	18965	181133	4
31	Ramnagar	11	1541	29804	16661	1134795	38	28538046	958	576	16661	433204	15
32	Kashipur	11	1468	56444	27093	1740135	31	66050408	1170	580	27093	630840	11
33	Bazpur	11	1777	44832	20174	1674669	37	74961716	1672	265	20174	362115	8
34	Jaspur	11	610	33024	19814	778464	24	42550531	1288	260	19814	335254	10
35	Rudrapur-I	11	350	11740	7044	340460	29	16424260	1399	25	7044	37940	3
36	Rudrapur-II	11	1799	39601	25741	1029626	26	66252473	1673	38	25741	78311	2
37	Sitraganj	11	577	32800	22960	689919	21	41217521	1257	0	22960	0	0
38	Khatima	11	996	49128	20770	1760532	36	35055742	714	0	20770	0	0
39	Almora	11	2232	10026	4512	363416	36	8320539	830	409	4512	64681	6
40	Bageshwar	11	2894	43393	17357	1929027	44	64296044	1482	578	17357	481097	11
41	Ranikhet	11	1896	8825	3971	309672	35	6004242	680	526	3971	80425	9
42	Bhikiyasain	11	1293	10349	5692	255005	25	8047078	778	515	5692	111749	11
43	Pithoragarh	11	2724	62344	26786	1626736	26	36851877	591	407	26786	224610	4
44	Dharchula	11	925	31350	16212	713125	23	32015641	1021	805	16212	59312	2
45	Champawat	11	839	38429	11690	495874	13	10241190	266	239	11690	139366	4
	<b>UPCL</b>	<b>11</b>	<b>54674</b>	<b>2224220</b>	<b>970206</b>	<b>55042937</b>	<b>25</b>	<b>1933341775</b>	<b>869</b>	<b>17220</b>	<b>970206</b>	<b>19526960</b>	<b>9</b>