

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

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	139	7341	7341	315236	43	3499658	477	52	7341	104089	14
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	735	49402	39770	1925360	39	35397678	717	32	39770	108323	2
4	Rishikesh	11	505	33987	33987	475527	14	9895311	291	28	33987	27456	1
5	Uttarkashi	11	90	8288	7619	138645	17	5013302	605	4	7619	4829	1
6	Barkot	11	25	2370	849	21225	9	475440	201	60	849	18960	8
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	861	2933	2933	67224	23	1399041	477	620	2933	56372	19
9	Dehradun (South)	11	2582	98992	98992	5046680	51	66318789	670	607	98992	1388766	14
10	Dehradun (Central)	11	699	2837	2837	49096	17	1243853	438	469	2837	33120	12
11	Srinagar	11	34	619	309	10487	17	353877	572	6	309	1856	3
12	Pauri	11	169	16929	7675	188980	11	4174975	247	19	1645	6110	0
13	Tehri	11	162	29942	29942	323374	11	16579883	554	70	29942	139729	5
14	Gopeshwar	11	427	5296	5296	69524	13	7164848	1353	104	5296	66493	13
15	Narayanbagar	11	50	2072	2072	50372	24	307968	149	20	2072	19292	9
16	Gairsain	11	214	7633	7633	514418	67	9768303	1280	24	7633	54202	7
17	Kotdwar	11	1410	56803	46717	2668209	47	41794816	736	777	46717	1519030	27
18	Rudraprayag	11	136	2723	2223	87438	32	1862489	684	41	2233	12955	5
19	Roorkee(Urban)	11	1018	32550	21775	1583232	49	48441375	1488	83	32550	192975	6
20	Roorkee(Rural)	11	384	20835	17180	824652	40	23655057	1135	52	17180	111672	5
21	Ramnagar (Roorkee)	11	511	22862	19010	747239	33	14583595	638	187	19010	273452	12
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	281	2242	1689	15873	7	308051	137	130	1689	7735	3
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	774	25638	23512	607639	24	6415397	250	73	23512	871574	34
26	Laksar	11	92	7805	7805	363460	47	6912360	886	26	7805	133575	17
27	Hadwani (Urban)	11	740	95436	95436	689607	7	15550817	163	168	95436	675799	7
28	Haldwani (Rural)	11	44	6524	4134	31430	5	385022	59	12	4134	12859	2
29	Nainital	11	209	29196	29196	319548	11	9399644	322	77	29196	91565	3
30	Ramnagar	11	235	16959	16959	288815	17	6215555	367	86	16959	365271	22
31	Kashipur	11	433	39753	39753	1480721	37	46669970	1174	225	39753	780656	20
32	Bazpur	11	298	13656	13656	696872	51	15235264	1116	74	13656	178987	13
33	Jaspur	11	96	11368	11368	284200	25	7788560	685	17	11368	50982	4
34	Rudrapur-I	11	561	44270	44270	1697064	38	67814330	1532	62	44270	221350	5
35	Rudrapur-II	11	541	22909	22909	1060916	46	30872873	1348	28	22909	58284	3
36	Sitraganj	11	71	8688	4344	78494	9	5989424	689	0	4344	0	0
37	Khatima	11	306	14205	4532	231132	16	5445953	383	0	4532	0	0
38	Almora	11	654	17879	6349	367259	21	7889554	441	82	6349	39286	2
39	Bageshwar	11	202	4176	4176	843552	202	11312784	2709	22	4176	91872	22
40	Ranikhet	11	173	3061	3061	177628	58	2831558	925	61	3061	39260	13
41	Bhikyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	432	35577	11579	586431	16	7743531	218	42	8800	47489	1
43	Dharchula	11	268	10598	7695	193281	18	2752561	260	30	5520	19203	2
44	Champawat	11	358	12987	3896	168831	13	2831166	218	59	3896	77922	6
<b>UPCL</b>		<b>11</b>	<b>16919</b>	<b>827340</b>	<b>710478</b>	<b>25289672</b>	<b>31</b>	<b>552294633</b>	<b>668</b>	<b>4529</b>	<b>710279</b>	<b>7903349</b>	<b>10</b>

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

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	935	40629	40629	2335072	57	21682300	534	633	40629	811336	20
2	Mohanpur	11	751	30520	48405	1038901	34	22606164	741	423	30519	502970	16
3	Vikasnagar	11	414	19459	14201	400656	21	9274096	477	0	14201	0	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	275	19948	18048	276790	14	49487616	2481	18	18048	16385	1
6	Barkot	11	635	20264	17239	374653	18	5091735	251	630	17239	371703	18
7	Doiwala	11	555	18979	18979	770737	41	19285701	1016	76	18979	111027	6
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	71	1516	758	53649	35	1477385	975	11	758	8638	6
12	Pauri	11	1293	63671	27273	1804558	28	41047956	645	407	8960	248940	4
13	Tehri	11	1525	105212	105212	2507005	24	100372248	954	315	105212	517840	5
14	Gopeshwar	11	1043	7546	7546	227930	30	8203042	1087	426	7546	206120	27
15	Narayanbagar	11	360	10044	10044	289392	29	1865678	186	101	10044	110014	11
16	Gairsain	11	951	22248	22248	1276508	57	37154158	1670	122	22248	169859	8
17	Kotdwar	11	3103	53146	18205	1449275	27	31109407	585	622	18205	378272	7
18	Rudraprayag	11	972	12850	12129	787845	61	12682950	987	311	12129	258568	20
19	Roorkee(Urban)	11	2116	25950	25950	1479150	57	48189150	1857	421	25950	520236	20
20	Roorkee(Rural)	11	2909	105412	79059	7168016	68	212616004	2017	703	79059	2179548	21
21	Ramnagar (Roorkee)	11	506	24116	21247	1075098	45	23526803	976	251	20419	512517	21
22	Bhagwanpur	11	2597	5615	5615	331413	59	14792973	2635	497	5615	63424	11
23	Haridwar(Urban)	11	442	247	199	16458	67	269131	1090	153	199	6457	26
24	Haridwar(Rural)	11	228	6698	6089	173537	26	4974713	743	181	6089	137764	21
25	Jwalapur	11	800	25935	21614	783173	30	11687122	451	183	21614	955362	37
26	Laksar	11	1666	97728	97728	4495488	46	150110208	1536	428	97728	2333535	24
27	Hadwani (Urban)	11	217	10424	10424	119545	11	2472790	237	103	10424	294140	28
28	Haldwani (Rural)	11	1806	222029	123416	3650955	16	55844915	252	936	123416	2228559	10
29	Nainital	11	467	46994	46994	292870	6	5843788	124	220	46994	140273	3
30	Ramnagar	11	1193	29448	29448	912907	31	20954835	712	462	29448	712295	24
31	Kashipur	11	1379	53494	53494	2744136	51	74784612	1398	502	53494	911962	17
32	Bazpur	11	1501	38110	38039	3014670	79	79062842	2075	231	38066	549018	14
33	Jaspur	11	734	33024	31456	1598805	48	89781459	2719	273	31456	669368	20
34	Rudrapur-I	11	775	86047	86047	1995810	23	78883670	917	81	86047	167204	2
35	Rudrapur-II	11	1838	42094	42094	3843020	91	68402750	1625	40	42094	84188	2
36	Sitraganj	11	290	32099	16049	333463	10	32578562	1015	0	16049	0	0
37	Khatima	11	1051	48492	15225	941263	19	30902272	637	0	15225	0	0
38	Almora	11	1568	17879	11530	637922	36	16861255	943	272	11530	167560	9
39	Bageshwar	11	4355	42902	42902	3646670	85	56030012	1306	370	42902	782000	18
40	Ranikhet	11	1442	9293	9293	557973	60	11769301	1266	422	9293	160465	17
41	Bhikiyasain	11	1286	8642	8642	319754	37	9584261	1109	409	8642	127312	15
42	Pithoragarh	11	2323	56041	25508	1292132	23	24781488	442	314	14510	134159	2
43	Dharchula	11	943	24435	11508	492132	20	11253012	461	311	10125	71251	3
44	Champawat	11	1333	24164	7249	483280	20	6500116	269	245	7249	169148	7
<b>UPCL</b>		<b>11</b>	<b>48648</b>	<b>1543345</b>	<b>1227734</b>	<b>55992609</b>	<b>36</b>	<b>1503798480</b>	<b>974</b>	<b>12103</b>	<b>1178353</b>	<b>17789415</b>	<b>12</b>