

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of March 2019

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	9817	9817	285276	29	5165582	526	91	9817	169040	17
2	Mohanpur	11	32	5124	2818	90182	18	4156845	811	9	2818	25364	5
3	Vikasnagar	11	172	18966	15788	454300	24	12727746	671	1	15788	3876	0
4	Rishikesh	11	214	12127	11424	262412	22	5947793	490	26	11424	30239	2
5	Uttarkashi	11	155	17327	13026	246119	14	396398	23	0	13026	0	0
6	Doiwala	11	73	872	872	15892	18	519116	595	16	872	3744	4
7	Dehradun (North)	11	556	38893	41063	711243	18	13476443	347	369	59522	563925	14
8	Dehradun (South)	11	465	91148	91148	1137224	12	17217881	189	352	91148	863951	9
9	Dehradun (Central)	11	157	53649	53649	112663	2	15625271	291	159	53649	113199	2
10	Srinagar	11	198	4955	2478	125554	25	7250305	1463	2	2478	1943	0
11	Pauri	11	138	16814	4917	89400	5	1461474	87	19	7331	24198	1
12	Tehri	11	300	29942	29942	733461	24	13248815	442	28	29942	54459	2
13	Gopeshwar	11	271	7919	7919	384920	49	15954704	2015	191	7919	201861	25
14	Narayanbagar	11	65	2072	2072	78050	38	2626268	1268	23	2072	24542	12
15	Gairsain	11	202	7901	7901	502398	64	20566232	2603	21	7901	49878	6
16	Kotdwar	11	232	16707	5357	256770	15	3790156	227	28	5357	18732	1
17	Rudraprayag	11	55	2099	2000	55170	26	2135426	1017	4	2000	5640	3
18	Roorkee(Urban)	11	414	32330	22545	773365	24	18344575	567	38	22545	57440	2
19	Roorkee(Rural)	11	265	15600	15600	1096900	70	60098400	3852	114	15600	485000	31
20	Ramnagar (Roorkee)	11	415	34700	34700	1195220	34	45482952	1311	66	34700	184965	5
21	Bhagwanpur	11	95	2348	2348	223024	95	2077643	885	10	2170	21700	9
22	Haridwar(Urban)	11	384	1767	1399	25656	15	546370	309	372	1399	25028	14
23	Haridwar(Rural)	11	10	488	444	4440	9	39072	80	6	444	2664	5
24	Jwalapur	11	756	47571	47571	2555180	54	27147715	571	3	26849	3190	0
25	Laksar	11	93	5460	5460	262010	48	4586400	840	4	5460	10920	2
26	Hadwani (Urban)	11	487	95437	14290	524446	5	8447964	89	70	95437	341802	4
27	Haldwani (Rural)	11	47	3123	1581	20250	6	358830	115	4	1581	4164	1
28	Nainital	11	280	24934	17501	497843	20	9412299	377	59	17501	113460	5
29	Ramnagar	11	127	15995	11225	349490	22	9324730	583	41	15995	187055	12
30	Kashipur	11	345	39753	39753	717517	18	19263668	485	131	39753	265985	7
31	Bazpur	11	256	13419	12932	524769	39	14327539	1068	57	12932	130499	10
32	Jaspur	11	35	11368	11368	104928	9	3561940	313	11	11368	33424	3
33	Rudrapur	11	51	59423	59423	121994	2	609970	10	0	59423	0	0
34	Sitraganj	11	40	10720	10720	103600	10	8006400	747	7	10720	16240	2
35	Khatima	11	208	11702	2585	188485	16	4806725	411	4	2585	3520	0
36	Almora	11	496	11270	11270	568181	50	9115699	809	86	11270	91357	8
37	Bageshwar	11	63	4176	4176	263088	63	4046544	969	2	4176	8352	2
38	Ranikhet	11	137	3870	1587	65331	17	834452	216	16	1587	6251	2
39	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
40	Pithoragarh	11	475	33902	11037	615794	18	13058080	385	26	7215	25620	1
41	Dharchula	11	232	8813	4144	157545	18	5558985	631	146	4144	92402	10
42	Champawat	11	44	12529	12529	90977	7	12528820	1000	39	12529	67743	5
	<b>UPCL</b>	<b>11</b>	<b>9179</b>	<b>837030</b>	<b>658378</b>	<b>16591066</b>	<b>20</b>	<b>423852228</b>	<b>506</b>	<b>2651</b>	<b>740446</b>	<b>4333372</b>	<b>5</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of March 2019

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	596	32745	32403	1134168	35	20700544	632	561	32403	1656732	51
2	Mohanpur	11	591	39122	25194	1405296	36	43232664	1105	342	25194	781741	20
3	Vikasnagar	11	829	52443	40373	1363958	26	34054887	649	5	40373	13931	0
4	Rishikesh	11	233	23119	23119	396601	243	12262726	7243	0	23119	0	0
5	Uttarkashi	11	334	35952	29711	478202	13	926954	26	0	29711	0	0
6	Doiwala	11	391	13847	13847	540094	39	12480377	901	105	13847	131772	10
7	Dehradun (North)	-	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (South)	-	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (Central)	-	-	-	-	-	-	-	-	-	-	-	-
10	Srinagar	11	734	12955	6478	309722	24	16230451	1253	90	6478	27158	2
11	Pauri	11	688	56599	17071	502277	9	17359099	307	136	14687	136009	2
12	Tehri	11	1311	101435	100640	2816326	28	47537484	469	73	101424	109619	1
13	Gopeshwar	11	888	8356	8356	698602	84	33769522	4041	333	8356	232889	28
14	Narayanbagar	11	235	10044	10044	338390	34	13264769	1321	86	10044	121884	12
15	Gairsain	11	435	16070	16070	567862	35	25235176	1570	74	16070	88741	6
16	Kotdwar	11	1725	104174	34931	1625492	16	51511589	494	696	34931	394661	4
17	Rudraprayag	11	745	10550	10550	577440	55	13253410	1256	186	10550	147760	14
18	Roorkee(Urban)	11	944	21022	10224	736509	35	42106730	2003	307	10224	277368	13
19	Roorkee(Rural)	11	2200	79631	68468	6589944	83	296190660	3720	548	68468	1724194	22
20	Ramnagar (Roorkee)	11	508	24836	24836	1869629	75	50842430	2047	144	24836	541698	22
21	Bhagwanpur	11	768	48766	48766	1781260	37	39349463	807	216	46632	480385	10
22	Haridwar(Urban)	11	95	113	84	4605	41	102363	906	81	84	4883	43
23	Haridwar(Rural)	11	2	1158	1052	1052	1	45888	40	8	1052	3928	3
24	Jwalapur	11	157	2838	2838	132011	47	60468	21	0	2838	0	0
25	Laksar	11	921	53190	53190	3467145	65	126414540	2377	94	53190	273195	5
26	Haldwani (Urban)	11	159	9100	1490	83109	9	1370612	151	45	9100	155147	17
27	Haldwani (Rural)	11	1519	205484	96843	2620955	13	51877310	252	191	96843	818466	4
28	Nainital	11	313	44303	18231	214418	5	8999359	203	162	18231	106567	2
29	Ramnagar	11	853	25162	19006	1138256	45	25348338	1007	213	29470	350738	14
30	Kashipur	11	548	38042	35685	1084478	29	41185947	1083	186	35685	336306	9
31	Bazpur	11	449	30584	30357	1292461	42	42894799	1403	81	30357	233056	8
32	Jaspur	11	547	33024	33024	1334488	40	45679198	1383	177	33024	399362	12
33	Rudrapur	11	84	100462	100462	220807	2	1088035	11	10	100462	36088	0
34	Sitraganj	11	418	38480	38480	963904	25	34003280	884	27	38480	61568	2
35	Khatima	11	807	44149	10048	653760	15	27808619	630	19	10048	12314	0
36	Almora	11	1964	9100	9100	683347	75	16571197	1821	183	9100	73335	8
37	Bageshwar	11	1073	38914	38914	2127132	55	58728925	1509	248	38914	522687	13
38	Ranikhet	11	1105	11384	5425	274648	24	5039814	443	160	5425	36178	3
39	Bhikiyasain	11	977	8146	8146	330326	41	9328926	1145	190	8146	75189	9
40	Pithoragarh	11	1614	54122	17600	909490	17	22605744	418	69	8173	34371	1
41	Dharchula	11	670	25117	9450	318772	13	18555235	739	479	9450	215102	9
42	Champawat	11	134	22499	22499	166616	7	15007865	667	109	22499	131739	6
	<b>UPCL</b>	<b>11</b>	<b>28564</b>	<b>1487038</b>	<b>1073004</b>	<b>41753552</b>	<b>28</b>	<b>1323025397</b>	<b>890</b>	<b>6634</b>	<b>1077918</b>	<b>10746760</b>	<b>7</b>