

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of October 2018

SI 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
							Nos.		Min				Nos.
1	Raipur Dehradun	11	142	9817	9817	264409	27	6898856	703	90	9817	197291	20
2	Mohanpur	11	8	5124	2818	22546	4	1902285	371	2	2818	5636	1
3	Vikasnagar	11	198	18920	15753	401045	21	14374745	760	3	15753	10234	1
4	Rishikesh	11	196	11160	11160	226002	20	7522210	674	32	4698	37280	3
5	Uttarkashi	11	87	17327	13026	140821	8	251612	15	0	13026	0	0
6	Doiwala	11	146	3966	4263	227950	57	7861540	1982	22	4263	34700	9
7	Dehradun (North)	11	714	45821	45821	986526	22	25597443	559	642	45530	867392	19
8	Dehradun (South)	11	1025	85770	85770	2474862	29	68459452	798	371	83957	797302	9
9	Dehradun (Central)	11	598	57418	57418	1182811	21	56383902	982	411	57418	736099	13
10	Srinagar	11	156	4178	2089	68793	16	3739403	895	3	2089	1765	0.4
11	Pauri	11	155	16814	4917	93236	6	3777762	225	16	7331	13911	1
12	Tehri	11	358	29942	29942	974390	33	15548885	519	11	29942	30920	1
13	Gopeshwar	11	269	5781	5781	212533	37	8325568	1440	88	5781	60583	10
14	Narayanbagar	11	59	2072	2072	86114	42	2766884	1335	12	2072	19572	9
15	Gairsain	11	146	7901	7901	349850	44	12235361	1549	7	7901	17362	2
16	Kotdwar	11	328	18154	8609	497194	27	8547131	471	35	8609	43723	2
17	Rudraprayag	11	19	2099	2000	13828	7	841260	401	38	2000	46452	22
18	Roorkee(Urban)	11	626	32990	22105	1056715	32	40813325	1237	43	22105	61625	2
19	Roorkee(Rural)	11	309	15600	15600	1215700	78	46350500	2971	111	15600	488700	31
20	Ramnagar (Roorkee)	11	469	24160	24160	1295031	54	45738469	1893	135	24160	348362	14
21	Bhagwanpur	11	117	2348	2348	274671	117	5376048	2290	6	2170	13020	6
22	Haridwar(Urban)	11	556	1771	1363	34829	20	1087843	614	342	1363	24743	14
23	Haridwar(Rural)	11	30	604	549	16470	27	783972	1298	21	549	11529	19
24	Jwalapur	11	318	6269	6269	306578	49	7253520	1157	5	6269	4840	1
25	Laksar	11	101	7698	7698	382654	50	16312080	2119	5	7698	18026	2
26	Hadwani (Urban)	11	432	95437	13759	462966	5	11260430	118	95	95437	432520	5
27	Haldwani (Rural)	11	64	4165	1730	34668	8	1165590	280	3	1730	4685	1
28	Nainital	11	241	24874	19104	459715	18	15967193	642	48	19104	93659	4
29	Ramnagar	11	175	15995	11225	496400	31	9553125	597	52	15995	219620	14
30	Kashipur	11	352	39753	39753	746896	19	24188458	608	139	39753	313005	8
31	Bazpur	11	276	12807	12807	521834	41	19144608	1495	57	12807	120665	9
32	Jaspur	11	95	11368	11368	270388	24	19233760	1692	22	11368	63314	6
33	Rudrapur	11	56	59423	59423	133909	2	669545	11	0	59423	0	0
34	Sitraganj	11	32	4747	4640	46720	10	306800	65	9	4640	11520	2
35	Khatima	11	122	11702	4400	189200	16	21213500	1813	13	4400	18700	2
36	Almora	11	430	7369	7369	317848	43	6528234	886	43	7369	32276	4
37	Bageshwar	11	61	4176	4176	254736	58	7888464	1314	1	4176	4176	11
38	Ranikhet	11	139	2947	2073	90762	31	1663145	564	12	2073	5960	2
39	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
40	Pithoragarh	11	392	35130	10747	510158	15	13662468	389	43	7775	38775	1
41	Dharchula	11	357	8479	4069	253066	30	7214408	851	86	4069	56364	7
42	Champawat	11	61	12790	12790	128932	10	29911368	2339	28	28	63930	5
<b>UPCL</b>		<b>11</b>	<b>10415</b>	<b>784866</b>	<b>608682</b>	<b>17723755</b>	<b>23</b>	<b>598321152</b>	<b>762</b>	<b>3102</b>	<b>673066</b>	<b>5370236</b>	<b>7</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of October 2018

SI 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
							Nos.		Min				Nos.
1	Raipur Dehradun	11	557	32745	32403	1074616	33	21365029	652	250	32403	444712	14
2	Mohanpur	11	380	39122	15169	202482	5	4698185	120	367	15169	169292	4
3	Vikasnagar	11	725	52413	40363	971055	19	24237145	462	9	40363	23789	0.5
4	Rishikesh	11	305	15957	15957	355751	22	18754162	1175	0	0	0	0
5	Uttarkashi	11	152	35952	29711	218413	6	573886	16	0	29711	0	0
6	Doiwala	11	326	11669	11321	504378	43	18017875	1544	102	11321	104605	9
7	Dehradun (North)	-	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (South)	-	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (Central)	-	-	-	-	-	-	-	-	-	-	-	-
10	Srinagar	11	616	12777	6389	235925	18	9787613	766	67	6389	21668	2
11	Pauri	11	870	56519	17071	563903	10	21214539	375	121	14687	107075	2
12	Tehri	11	2611	102203	101408	5956047	58	167605948	1640	0	102192	0	0
13	Gopeshwar	11	543	8049	8049	314508	39	15388668	1912	171	8049	107206	13
14	Narayanbagar	11	310	10044	10044	490370	49	17524426	1745	47	10044	79824	8
15	Gairsain	11	257	16070	16070	361455	22	38577778	2401	38	16070	30697	2
16	Kotdwar	11	2121	103770	33794	1791160	17	44332909	427	367	33175	233602	2
17	Rudraprayag	11	582	12930	12930	420790	33	17031650	1317	305	12930	207410	16
18	Roorkee(Urban)	11	850	15445	9344	736390	48	38149035	2470	374	9344	323771	21
19	Roorkee(Rural)	11	2172	79631	68468	6094712	77	255743280	3212	601	68468	1831042	23
20	Ramnagar (Roorkee)	11	597	26466	26466	2116972	80	93074055	3517	49	26466	220155	8
21	Bhagwanpur	11	1542	48766	48766	3757745	77	72333867	1483	284	46632	631292	13
22	Haridwar(Urban)	11	70	128	108	6050	47	193280	1510	86	108	8224	64
23	Haridwar(Rural)	11	18	850	772	6248	7	619436	729	25	772	9020	11
24	Jwalapur	11	130	2883	2883	123360	43	7498148	2601	0	2883	0	0
25	Laksar	11	1156	91583	91583	8779422	96	310536754	3391	165	104283	628837	7
26	Haldwani (Urban)	11	207	10424	1503	113670	11	2839880	272	50	10424	184313	18
27	Haldwani (Rural)	11	1465	195065	85892	2222532	11	55934078	287	193	85892	830246	4
28	Nainital	11	494	44275	17195	322506	7	6080461	137	242	17195	158769	4
29	Ramnagar	11	841	23035	17569	1130356	49	26083857	1132	266	23035	458259	20
30	Kashipur	11	650	38042	35685	1300280	34	64474692	1695	263	35685	484511	13
31	Bazpur	11	651	29521	29521	1792993	61	72680784	2462	124	29521	307418	10
32	Jaspur	11	902	35034	35034	1782218	51	112047780	3198	266	35034	568002	16
33	Rudrapur	11	96	100462	100462	240116	2	1200580	12	10	100462	36088	0.36
34	Sitraganj	11	128	30864	30864	219600	7	1494080	48	58	30864	105696	3
35	Khatima	11	1078	44149	14531	1227530	28	76934563	1743	57	14531	52769	1
36	Almora	11	1504	8323	8323	496704	60	9289458	1116	195	8323	65959	8
37	Bageshwar	11	1132	38924	38924	2293048	59	51796071	1331	209	38924	418283	11
38	Ranikhet	11	1040	9361	6265	317308	34	7463495	797	99	6265	34227	4
39	Bhikiyasain	11	864	8000	8000	312574	39	11401449	1425	206	8000	94033	12
40	Pithoragarh	11	1322	55950	23802	732729	13	16814627	301	167	12191	67234	1
41	Dharchula	11	1099	24162	8753	514614	21	19066825	789	401	8753	181039	7
42	Champawat	11	175	22618	22618	239851	11	33933734	1500	82	82	106446	5
<b>UPCL</b>		<b>11</b>	<b>30538</b>	<b>1494182</b>	<b>1084008</b>	<b>50340379</b>	<b>34</b>	<b>1766794081</b>	<b>1182</b>	<b>6316</b>	<b>1056639</b>	<b>9335514</b>	<b>6</b>