

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of February 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
		KV	KW		Nos.	Min			Nos.				
1	Raipur Dehradun	11	158	9817	9817	325751	33	5439482	554	118	9817	193876	20
2	Mohanpur	11	66	5124	2818	186001	36	5678673	1108	6	2818	16909	3
3	Vikasnagar	11	234	18924	15753	545904	29	17147061	906	3	15753	8882	0
4	Rishikesh	11	198	13410	12574	286760	21	8010445	597	43	5522	56939	4
5	Uttarkashi	11	150	17327	13026	230137	13	589996	34	0	13026	0	0
6	Doiwala	11	81	872	872	17084	20	1015200	1164	15	872	3340	4
7	Dehradun (North)	11	398	46177	46177	528056	11	13782121	298	385	44284	400110	9
8	Dehradun (South)	11	418	89192	89192	982339	11	10542128	118	414	87379	966720	11
9	Dehradun (Central)	11	182	53649	53649	149978	3	20875328	389	204	53649	134809	3
10	Srinagar	11	171	5020	2510	99999	20	2478798	494	15	2510	8777	2
11	Pauri	11	167	16814	4917	112424	7	1841345	110	17	7331	19993	1
12	Tehri	11	345	29942	29942	902302	30	19948548	666	41	29942	77211	3
13	Gopeshwar	11	257	8389	8389	418296	50	19223487	2292	189	8389	230508	27
14	Narayanbagar	11	66	2072	2072	85512	41	2642564	1275	23	2072	28826	14
15	Gairsain	11	240	7901	7901	603913	76	20746317	2626	41	7901	108559	14
16	Kotdwar	11	298	16707	8445	434503	26	6763301	405	27	8445	25395	2
17	Rudraprayag	11	89	2099	2000	77186	37	1921768	916	6	2000	7564	4
18	Roorkee(Urban)	11	678	32550	22655	1248780	38	40024425	1230	30	22655	48640	1
19	Roorkee(Rural)	11	301	15600	15600	1182900	76	51163400	3280	129	15600	529700	34
20	Ramnagar (Roorkee)	11	422	34700	34700	1260420	36	46720517	1346	101	34700	256809	7
21	Bhagwanpur	11	98	2348	2348	230067	98	2087033	889	12	2170	26040	11
22	Haridwar(Urban)	11	822	1974	1511	50466	26	1449212	734	501	1511	30003	15
23	Haridwar(Rural)	11	29	527	479	13891	26	248601	472	22	479	10538	20
24	Jwalapur	11	861	49142	49144	3447102	70	53007329	1079	13	28422	20075	0
25	Laksar	11	118	6910	6910	410330	59	15876000	2298	9	6910	32415	5
26	Hadwani (Urban)	11	555	95437	13985	625025	7	14055490	147	129	95437	640378	7
27	Haldwani (Rural)	11	39	2666	1608	17495	7	565214	212	6	1608	5818	2
28	Nainital	11	215	24925	17307	351242	14	13940140	559	47	17307	78036	3
29	Ramnagar	11	200	15995	11225	561860	35	13271610	830	40	15995	178750	11
30	Kashipur	11	439	39753	39753	909962	23	25082815	631	160	39753	336020	8
31	Bazpur	11	174	13205	12885	371415	28	12598323	954	39	12885	78610	6
32	Jaspur	11	120	11368	11368	346500	30	21940380	1930	12	11368	37934	3
33	Rudrapur	11	52	59423	59423	126376	2	631880	11	0	59423	0	0
34	Sitraganj	11	40	10720	10720	103600	10	8190000	764	14	10720	28240	3
35	Khatima	11	164	11702	3245	177210	15	5766750	493	11	3245	12155	1
36	Almora	11	614	11028	11028	695706	63	12748794	1156	99	11028	104686	9
37	Bageshwar	11	83	4176	4176	346608	83	16862688	4038	10	4176	41760	10
38	Ranikhet	11	195	3870	1797	119330	31	1570719	406	24	1797	9519	2
39	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
40	Pithoragarh	11	671	33758	10989	886949	26	22790930	675	37	7296	37881	1
41	Dharchula	11	201	8742	4122	128431	15	5744559	657	131	4122	81406	9
42	Champawat	11	40	13366	13366	94779	7	12580907	941	32	13366	68310	5
	<b>UPCL</b>	<b>11</b>	<b>10649</b>	<b>847320</b>	<b>670397</b>	<b>19692589</b>	<b>23</b>	<b>557564279</b>	<b>658</b>	<b>3155</b>	<b>723682</b>	<b>4982141</b>	<b>6</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of February 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	735	32745	32403	1622262	50	32435701	991	549	32403	1717152	52
2	Mohanpur	11	854	39122	25194	1987588	51	50355875	1287	502	25194	862824	22
3	Vikasnagar	11	725	52438	40363	1157141	22	33017610	630	7	40363	19619	0
4	Rishikesh	11	288	25050	25050	546718	22	17309325	691	0	23139	0	0
5	Uttarkashi	11	377	35952	29711	527328	15	1268187	35	0	29711	0	0
6	Doiwala	11	329	13847	13847	398148	29	15918842	1150	100	13847	140358	10
7	Dehradun (North)	-	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (South)	-	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (Central)	-	-	-	-	-	-	-	-	-	-	-	-
10	Srinagar	11	763	16518	8259	372580	23	13152856	796	69	8259	27992	2
11	Pauri	11	1168	56599	17071	834932	15	25261762	446	151	14687	109006	2
12	Tehri	11	1826	101435	100640	4088521	40	84396091	832	94	101424	157871	2
13	Gopeshwar	11	752	9652	9652	615363	64	51900452	5377	295	9652	224970	23
14	Narayanbagar	11	253	10044	10044	365868	36	13785226	1372	107	10044	150700	15
15	Gairsain	11	386	16070	16070	553412	34	27798782	1730	38	16070	70589	4
16	Kotdwar	11	2294	104189	32544	1852236	18	59814885	574	777	32544	517247	5
17	Rudraprayag	11	774	12930	12930	591300	46	18173990	1406	250	12930	208260	16
18	Roorkee(Urban)	11	857	21880	10719	764844	35	49237500	2250	273	10719	253356	12
19	Roorkee(Rural)	11	2269	79631	68468	6715530	84	338042190	4245	581	68468	1835230	23
20	Ramnagar (Roorkee)	11	626	24836	24836	2141576	86	48779635	1964	37	24836	147035	6
21	Bhagwanpur	11	802	48766	48766	1866082	38	40167681	824	235	46632	527181	11
22	Haridwar(Urban)	11	152	107	84	6403	60	357300	3339	65	84	3943	37
23	Haridwar(Rural)	11	8	990	900	5144	5	482250	487	28	900	13758	14
24	Jwalapur	11	77	3223	3223	89001	28	86258	27	0	3223	0	0
25	Laksar	11	957	63406	63406	4379698	69	183449430	2893	85	63406	352506	6
26	Haldwani (Urban)	11	225	10424	1594	121664	12	4592118	441	42	10424	144413	14
27	Haldwani (Rural)	11	1614	204420	102861	2969811	15	70631117	346	271	102861	987234	5
28	Nainital	11	540	44298	17907	401752	9	5321701	120	112	17907	74608	2
29	Ramnagar	11	789	25162	19006	1039548	41	24350810	968	206	29470	285164	11
30	Kashipur	11	689	38042	35685	1350920	36	70312473	1848	208	35685	382831	10
31	Bazpur	11	536	30254	30093	1438434	48	72977238	2412	107	30093	268239	9
32	Jaspur	11	651	33024	33024	1438212	44	114371502	3463	222	33024	483241	15
33	Rudrapur	11	80	100462	100462	204789	2	1023945	10	10	100462	36088	0
34	Sitraganj	11	405	41504	41504	1004000	24	38484480	927	62	41504	161792	4
35	Khatima	11	775	44149	11200	701685	16	31485309	713	43	11200	35345	1
36	Almora	11	2000	10034	10034	747676	75	20908761	2084	151	9664	66408	7
37	Bageshwar	11	1477	39116	39116	2943074	75	88675215	2267	198	39116	399148	10
38	Ranikhet	11	1317	11674	5682	363287	31	8582993	735	204	5682	53857	5
39	Bhikiyasain	11	1231	7871	7871	413928	53	14203565	1805	184	7871	71535	9
40	Pithoragarh	11	1847	53978	23297	1054083	20	45030033	834	74	9373	40314	1
41	Dharchula	11	599	24582	9047	277765	11	17973358	731	456	9047	194285	8
42	Champawat	11	123	22637	22637	151078	7	14784499	653	95	22637	137448	6
	<b>UPCL</b>	<b>11</b>	<b>32170</b>	<b>1511061</b>	<b>1105199</b>	<b>48103381</b>	<b>32</b>	<b>1748900944</b>	<b>1157</b>	<b>6888</b>	<b>1104556</b>	<b>11161548</b>	<b>7</b>