

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of February 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			
						$\sum Ai \times Ni$ for Division	SAIFI	$\sum Bi \times Ni$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\sum Ci \times Ni$ for Division	MAIFI
							Nos.		Min				Nos.
1	Raipur Dehradun	11	182	9817	9817	296652	30	6181479	630	77	9817	133871	14
2	Mohanpur	11	9	5545	3050	27448	5	570303	103	2	3050	6100	1
3	Vikasnagar	11	118	19082	15893	245865	13	4907285	257	35	15893	58575	3
4	Rishikesh	11	227	13707	13707	269025	20	3307589	241	97	13707	84692	6
5	Uttarkashi	11	61	8288	7619	92520	11	1425450	172	6	7619	7015	1
6	Barkot	11	36	2370	849	30564	13	328563	139	14	849	10006	4
7	Doiwala	11	68	4290	4290	107662	25	1685814	393	6	4290	10767	3
8	Dehradun (North)	11	431	40814	26591	227619	9	5487585	206	189	26591	189594	7
9	Dehradun (South)	11	543	91148	91148	1250839	14	16075843	176	196	91148	494376	5
10	Dehradun (Central)	11	317	3878	3878	38470	10	1501513	387	132	3878	31490	8
11	Srinagar	11	187	18565	9282	209220	11	5011443	270	15	9282	20240	1
12	Pauri	11	322	16913	4939	216051	13	3834308	227	61	7331	70763	4
13	Tehri	11	122	29942	29942	275588	9	9344906	312	31	29942	69311	2
14	Gopeshwar	11	189	8000	8000	204533	26	2977903	372	48	8000	51983	6
15	Narayanbagar	11	46	2072	2072	53368	26	775754	374	13	2072	11326	5
16	Gairsain	11	104	8064	8064	193366	24	1584204	196	12	8064	19284	2
17	Kotdwar	11	375	56803	46717	695410	12	15294186	269	407	46717	821721	14
18	Rudraprayag	11	87	2723	2723	46756	17	1151833	423	20	2233	9918	4
19	Roorkee(Urban)	11	569	32000	21995	1076245	34	10436230	326	39	21995	57045	2
20	Roorkee(Rural)	11	198	20835	20835	715885	34	7218755	346	86	20835	298625	14
21	Ramnagar (Roorkee)	11	184	35376	35376	590971	17	9828410	278	70	35376	209120	6
22	Bhagwanpur	11	21	67206	67206	1411325	21	9274418	138	8	67206	537647	8
23	Haridwar(Urban)	11	794	2267	1745	53627	24	1329476	586	582	1745	43893	19
24	Haridwar(Rural)	11	14	900	818	6030	7	117184	130	12	818	5516	6
25	Jwalapur	11	221	51443	51443	814762	16	9549561	186	70	30721	139640	3
26	Laksar	11	86	2161	2161	76640	35	920167	426	30	2161	30484	14
27	Hadwani (Urban)	11	518	95437	13402	609874	6	7811531	82	79	95437	386195	4
28	Haldwani (Rural)	11	35	3319	1984	20483	6	167572	50	11	1984	7527	2
29	Nainital	11	213	28988	22066	344848	12	12995348	448	47	22066	66883	2
30	Ramnagar	11	190	16959	5615	223315	13	5644330	333	38	16959	124416	7
31	Kashipur	11	328	39753	39753	1300768	33	8251256	208	102	39753	383642	10
32	Bazpur	11	202	13567	13567	454595	34	7039646	519	49	13567	118223	9
33	Jaspur	11	63	11368	11368	181618	16	2987700	263	8	11368	24316	2
34	Rudrapur	11	362	57542	57542	1166842	20	18274469	318	81	57542	235376	4
35	Sitraganj	11	134	9856	9856	279456	28	2191648	222	28	9856	57424	6
36	Khatima	11	75	11702	4290	108350	9	2892450	247	25	4290	38170	3
37	Almora	11	363	10819	10819	354930	33	4266114	394	32	10819	31272	3
38	Bageshwar	11	29	4176	4176	121104	29	1699632	407	9	4176	37584	9
39	Ranikhet	11	138	2365	793	29164	12	413050	175	27	793	5549	2
40	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
41	Pithoragarh	11	410	35228	11462	553763	16	9567773	272	37	9022	39550	1
42	Dharchula	11	95	8298	4292	69576	8	1807334	218	39	4292	23485	3
43	Champawat	11	109	12766	3830	70882	6	1727589	135	46	3830	31265	2
	<b>UPCL</b>	<b>11</b>	<b>8775</b>	<b>916351</b>	<b>704975</b>	<b>15116008</b>	<b>16</b>	<b>217857604</b>	<b>238</b>	<b>2916</b>	<b>777093</b>	<b>5033879</b>	<b>5</b>

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

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	554	32745	32403	920997	28	21950597	670	223	32403	347773	11
2	Mohanpur	11	370	43680	27967	934155	21	19441827	445	307	27967	686996	16
3	Vikasnagar	11	559	52478	40448	838183	16	20891396	398	193	40448	320439	6
4	Rishikesh	11	601	27432	27432	859727	31	22086273	805	77	27432	121299	4
5	Uttarkashi	11	170	19948	18048	166671	8	2146225	108	16	18048	17220	1
6	Barkot	11	353	20264	17239	466310	23	5930299	293	127	17239	186625	9
7	Doiwala	11	232	13654	13654	267007	20	4696074	344	33	13654	36030	3
8	Dehradun (North)	-	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	-	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	-	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1141	42535	21267	750501	18	25435505	598	132	21267	103378	2
12	Pauri	11	1464	75372	17071	882163	12	27541177	365	359	14687	230193	3
13	Tehri	11	1316	105212	105212	3305386	31	90535072	861	225	105212	447005	4
14	Gopeshwar	11	386	8664	8664	270071	31	7359470	849	169	8664	114752	13
15	Narayanbagar	11	252	10044	10044	278040	28	8770778	873	64	10044	81908	8
16	Gairsain	11	384	21817	21817	608109	28	19596079	898	76	21817	128020	6
17	Kotdwar	11	1394	53146	18205	709192	13	10680984	201	462	18205	273521	5
18	Rudraprayag	11	393	12209	12930	297230	24	7444900	610	76	12930	64210	5
19	Roorkee(Urban)	11	1147	23651	9421	701451	30	21730526	919	224	9421	143553	6
20	Roorkee(Rural)	11	727	86622	81504	2501993	29	81809106	944	308	81504	1101205	13
21	Ramnagar (Roorkee)	11	161	24836	24836	525269	21	19414494	782	69	24836	219990	9
22	Bhagwanpur	11	728	1113448	1113448	28029731	25	656502536	590	255	1113448	12307673	11
23	Haridwar(Urban)	11	47	112	92	1891	17	71497	638	21	92	1322	12
24	Haridwar(Rural)	11	11	1953	1776	11100	6	329004	168	24	1776	15984	8
25	Jwalapur	11	78	4774	4774	90706	19	2235508	468	31	4774	42768	9
26	Laksar	11	726	57253	57253	2116909	37	48440750	846	208	57253	687481	12
27	Haldwani (Urban)	11	167	9100	1879	105236	12	1279847	141	26	9100	34625	4
28	Haldwani (Rural)	11	1659	221530	146312	3655524	17	53926760	243	545	146312	1403003	6
29	Nainital	11	535	44931	17277	362444	8	4943493	110	107	17277	67521	2
30	Ramnagar	11	848	26433	13950	594176	22	12532973	474	147	26433	196096	7
31	Kashipur	11	823	53494	48045	1655725	31	44400246	830	235	48045	488079	9
32	Bazpur	11	522	36139	36139	1114907	31	35897555	993	178	36139	397136	11
33	Jaspur	11	538	33024	33024	1168933	35	31762806	962	227	33024	483523	15
34	Rudrapur	11	482	60142	60119	1318616	22	48195671	801	143	60119	317367	5
35	Sitraganj	11	463	41344	41344	1130080	27	24150160	584	110	41344	260112	6
36	Khatima	11	439	44149	19018	479401	11	21389575	484	202	19018	225916	5
37	Almora	11	889	14654	14654	458658	31	11292716	771	186	14654	118582	8
38	Bageshwar	11	717	39954	39954	1432224	36	26718646	669	226	39954	446775	11
39	Ranikhet	11	620	9697	4032	101888	11	3209395	331	167	4032	24850	3
40	Bhikiasain	11	1015	7655	7655	202997	27	6195398	809	154	7655	50862	7
41	Pithoragarh	11	2140	55424	25133	987920	18	21509950	388	211	14948	87040	2
42	Dharchula	11	440	26818	10152	185202	7	11501229	429	251	10152	116725	4
43	Champawat	11	697	22639	6792	270987	12	7468328	330	254	6792	95774	4
	<b>UPCL</b>	<b>11</b>	<b>26188</b>	<b>2598976</b>	<b>2210983</b>	<b>60757711</b>	<b>23</b>	<b>1491414824</b>	<b>574</b>	<b>7048</b>	<b>2218119</b>	<b>22493331</b>	<b>9</b>