

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of November 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	138	4501	4501	304397	68	2059201	457	45	7501	50766	11
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	519	49402	39770	1419044	29	23477987	475	19	39770	56328	1
4	Rishikesh	11	361	28262	28262	303415	11	4696687	166	5	28262	4695	0
5	Uttarkashi	11	78	8288	7619	120835	15	11801831	1424	17	7619	27557	3
6	Barkot	11	25	2370	849	21225	9	458460	193	65	849	16590	7
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	469	3039	3039	39355	13	920817	303	311	3039	28354	9
9	Dehradun (South)	11	794	100578	100578	1480647	15	17446680	173	247	100578	533758	5
10	Dehradun (Central)	11	699	2829	2829	47974	17	1383279	489	469	2829	32206	11
11	Srinagar	11	20	619	309	6033	10	148678	240	3	309	835	1
12	Pauri	11	133	16929	7340	144870	9	2509550	148	9	715	1515	0
13	Tehri	11	176	29942	29942	351319	12	10134369	338	54	29942	107791	4
14	Gopeshwar	11	316	7028	7028	140358	20	5835208	830	18	7028	19012	3
15	Narayanbagar	11	50	2072	2072	60368	29	309718	149	24	2072	30576	15
16	Gairsain	11	138	7633	7633	349325	46	6740359	883	22	7633	50596	7
17	Kotdwar	11	445	56803	46717	903658	16	18944654	334	405	46717	841199	15
18	Rudraprayag	11	126	3187	1260	29448	9	661587	208	45	1260	12867	4
19	Roorkee(Urban)	11	920	32550	21940	1341711	41	55937175	1719	39	32550	90675	3
20	Roorkee(Rural)	11	359	23059	17294	776068	34	20071849	870	58	17294	125382	5
21	Ramnagar (Roorkee)	11	318	22862	20154	492998	22	8787144	384	70	20154	108522	5
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	192	1853	1382	7653	4	506981	274	87	1382	3521	2
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	350	22464	20338	190075	8	4047339	180	12	20338	269568	12
26	Laksar	11	51	3890	3890	106630	27	1576740	405	18	3890	46460	12
27	Hadwani (Urban)	11	508	95436	95436	118072	1	4463575	47	75	95436	366033	4
28	Haldwani (Rural)	11	34	7200	2863	16675	2	287750	40	5	2863	4002	1
29	Nainital	11	202	27811	27811	345717	12	10304691	371	53	27811	71948	3
30	Ramnagar	11	188	16959	16959	234395	14	1961695	116	31	16959	121151	7
31	Kashipur	11	201	39753	39753	728834	18	21161628	532	137	39753	474395	12
32	Bazpur	11	192	13681	13681	445919	33	7836212	573	62	13681	144021	11
33	Jaspur	11	36	11368	11368	102312	9	2736690	241	9	11368	25576	2
34	Rudrapur-I	11	967	44270	44270	2458690	56	46432170	1049	81	44270	177080	4
35	Rudrapur-II	11	268	22909	22909	546129	24	13979876	610	27	22909	55734	2
36	Sitraganj	11	88	5258	2629	64015	12	1382032	263	0	2629	0	0
37	Khatima	11	196	14205	4730	154513	11	3184867	224	0	4730	0	0
38	Almora	11	572	22898	10202	552238	24	6998453	306	67	10202	55336	2
39	Bageshwar	11	77	4176	4176	321552	77	3077712	737	8	4176	33408	8
40	Ranikhet	11	127	3499	3499	132864	38	1758677	503	40	3499	28510	8
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	397	35866	11672	550750	15	13395363	373	30	9052	35629	1
43	Dharchula	11	246	10608	7555	189252	18	2753041	260	30	5825	13251	1
44	Champawat	11	241	12987	3896	168831	13	2571426	198	58	3896	45455	4
	<b>UPCL</b>	<b>11</b>	<b>11217</b>	<b>819044</b>	<b>698155</b>	<b>15768164</b>	<b>19</b>	<b>342742149</b>	<b>418</b>	<b>2755</b>	<b>700790</b>	<b>4110301</b>	<b>5</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of November 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			
						$\Sigma Ai \times Ni$ for Division	SAIFI	$\Sigma Bi \times Ni$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\Sigma Ci \times Ni$ for Division	MAIFI
							Nos.		Min				Nos.
1	Raipur Dehradun	11	903	40462	40462	2299959	57	20995255	519	571	40462	682790	17
2	Mohanpur	11	410	48405	30516	884172	18	14517397	300	208	30516	431905	9
3	Vikasnagar	11	359	19459	14201	347987	18	6393409	329	0	14201	0	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	275	19948	18048	275467	14	33569280	1683	17	18048	16422	1
6	Barkot	11	630	20264	17239	303960	15	5103547	252	625	17239	222904	11
7	Doiwala	11	334	18979	18979	400457	21	8338613	439	68	18979	94515	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	31	1595	798	24884	16	770433	483	5	798	3828	2
12	Pauri	11	783	63671	21919	904386	14	19596265	308	178	5900	70665	1
13	Tehri	11	1603	105212	105212	2635232	25	97990183	931	229	105212	376462	4
14	Gopeshwar	11	679	7935	7935	207219	26	13357656	1683	160	7935	122396	15
15	Narayanbagar	11	462	10044	10044	374752	37	1726340	172	130	10044	145564	14
16	Gairsain	11	690	22248	22248	940153	42	31179252	1401	60	22248	81249	4
17	Kotdwar	11	1960	53146	18205	1078855	20	21483585	404	673	18205	436228	8
18	Rudraprayag	11	570	12719	4824	148415	12	3925031	309	205	4824	58313	5
19	Roorkee(Urban)	11	1456	23745	23745	1646320	69	100388206	4228	312	23945	352783	15
20	Roorkee(Rural)	11	2365	106480	79860	5554968	52	196678738	1847	475	79860	1095122	10
21	Ramnagar (Roorkee)	11	453	24116	20275	918458	38	16765398	695	160	20275	324400	13
22	Bhagwanpur	11	1700	3158	3158	122014	39	4772915	1511	360	3158	25838	8
23	Haridwar(Urban)	11	300	249	185	11180	45	321061	1289	69	185	2659	11
24	Haridwar(Rural)	11	73	6315	5740	52378	8	1325940	210	29	5740	20808	3
25	Jwalapur	11	555	27747	20426	542135	20	6112481	220	165	20426	370290	13
26	Laksar	11	1336	67343	67343	4287853	64	128269105	1905	381	67343	1353957	20
27	Hadwani (Urban)	11	106	10424	10424	54348	5	578755	56	56	10424	297444	29
28	Haldwani (Rural)	11	1167	223132	121902	2265074	10	32535139	146	349	121902	739795	3
29	Nainital	11	421	47037	47037	269170	6	4132319	88	124	47037	80159	2
30	Ramnagar	11	972	29448	29448	765790	26	10417221	354	203	29448	280836	10
31	Kashipur	11	645	53494	53494	1326286	25	31432561	588	321	53494	598023	11
32	Bazpur	11	1059	38073	38131	2160775	57	49421780	1298	164	38094	371185	10
33	Jaspur	11	621	33024	31456	1359768	41	72205498	2186	262	31456	560673	17
34	Rudrapur-I	11	804	86047	86047	3204263	37	144800766	1683	81	86047	269495	3
35	Rudrapur-II	11	965	42191	42191	2083523	49	44357767	1051	38	42191	84382	2
36	Sitraganj	11	497	18884	9442	252934	13	6165029	326	0	9442	0	0
37	Khatima	11	624	48492	11258	413235	9	10854036	224	0	11258	0	0
38	Almora	11	1246	22898	12696	640918	28	9647031	421	128	12696	80275	4
39	Bageshwar	11	1733	42904	42904	3201028	75	42644428	994	157	42904	307422	7
40	Ranikhet	11	1035	11013	11013	523860	48	8492425	771	184	11013	95001	9
41	Bhikyasain	11	790	9747	9747	292136	30	7407155	760	115	9747	40323	4
42	Pithoragarh	11	1560	56311	25596	870398	15	24768626	440	133	15225	58377	1
43	Dharchula	11	720	24455	11596	521398	21	12312534	503	125	6552	35102	1
44	Champawat	11	819	24164	7249	362460	15	5146932	213	424	7249	120820	5
	<b>UPCL</b>	<b>11</b>	<b>33711</b>	<b>1524979</b>	<b>1152992</b>	<b>44528564</b>	<b>29</b>	<b>1250900092</b>	<b>820</b>	<b>7944</b>	<b>1121721</b>	<b>10308410</b>	<b>7</b>