

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of May 2026

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
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	57	7384	5143	132825	18	3824416	518	20	5143	70648	10
2	Mohanpur	11	8	5406	3228	26046	5	543514	101	4	3228	13115	2
3	Vikasnagar	11	192	47487	28353	840473	18	15348177	323	8	28353	39745	1
4	Rishikesh	11	408	17763	10605	248610	14	6800857	383	7	10605	314	0
5	Uttarkashi	11	348	10222	4069	153699	15	7493359	733	10	4069	5968	1
6	Barkot	11	38	2417	868	33264	14	350720	145	0	868	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	808	3794	2265	74628	20	1747208	460	304	2265	63850	17
9	Dehradun (South)	11	1258	116080	66996	1476176	13	32778547	282	413	66996	568593	5
10	Dehradun (Central)	11	389	3963	3549	34191	9	699726	177	187	3549	19203	5
11	Srinagar	11	312	24665	12272	448451	18	18673931	757	27	12272	51387	2
12	Pauri	11	233	17268	4801	201664	12	4912749	285	21	4801	17435	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	114	30541	24313	210338	7	5654058	185	261	24313	472352	15
15	Gopeshwar	11	589	6046	2707	190645	32	8499623	1406	60	2707	33571	6
16	Narayanbagar	11	87	2479	1357	60380	24	4522590	1825	1	1357	976	0
17	Gairsain	11	132	10806	6452	185400	17	8769052	812	38	6452	56974	5
18	Kotdwar	11	663	66258	39560	1013046	15	21080837	318	446	39560	763653	12
19	Rudraprayag	11	278	4457	2661	134224	30	3273574	734	23	2661	12577	3
20	Roorkee(Urban)	11	612	33425	19957	734431	22	30562374	914	59	19957	144609	4
21	Roorkee(Rural)	11	726	30619	22852	837888	27	60281413	1969	98	22852	290159	9
22	Ramnagar (Roorkee)	11	304	21273	19953	509862	24	19912828	936	57	19953	97961	5
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	564	2841	2069	35214	12	651123	229	98	2069	7068	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	618	24119	14400	471363	20	8975466	372	41	14400	52763	2
27	Laksar	11	64	17644	10534	246466	14	6980963	396	11	10534	48062	3
28	Hadwani (Urban)	11	1017	136589	40776	1840615	13	32333088	237	97	40776	176416	1
29	Haldwani (Rural)	11	123	14674	6745	202019	14	4832224	329	26	6745	47851	3
30	Nainital	11	201	28605	8710	287576	10	10384348	363	72	8710	106520	4
31	Ramnagar	11	221	22004	8466	337477	15	5453418	248	79	8466	112877	5
32	Kashipur	11	358	40548	22192	805179	20	18395426	454	151	22192	345161	9
33	Bazpur	11	415	15704	9376	677522	43	11281388	718	93	9376	166737	11
34	Jaspur	11	56	11595	8077	115796	10	4509130	389	11	8077	23544	2
35	Rudrapur-I	11	835	36710	25571	869991	24	44024927	1199	53	25571	103578	3
36	Rudrapur-II	11	937	44092	30713	1112977	25	33798810	767	29	30713	62004	1
37	Kichha	11	206	12198	7283	163983	13	1659084	136	93	7283	76235	6
38	Sitraganj	11	158	8861	5291	210057	24	4767832	538	27	5291	38894	4
39	Khatima	11	186	11899	5328	196477	17	5426224	456	23	5328	22906	2
40	Almora	11	520	7730	4230	226483	29	3288442	425	58	4230	22454	3
41	Bageshwar	11	306	8934	4001	292405	33	3980442	446	62	4001	54802	6
42	Ranikhet	11	152	3012	1798	75605	25	1039111	345	42	1798	16483	5
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	404	40734	13233	596408	15	19062404	468	28	13233	43035	1
45	Dharchula	11	290	12444	8446	269831	22	6458686	519	51	8446	16863	1
46	Champawat	11	99	10799	4836	99978	9	7376012	683	50	4836	50692	5
UPCL		11	15283	974089	524035	16679663	17	490408098	503	3237	524035	4318034	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of May 2026

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
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	598	41418	24802	1321464	32	19672916	475	426	24802	440780	11
2	Mohanpur	11	607	44632	24499	1141453	26	25372295	568	484	24499	966523	22
3	Vikasnagar	11	771	120506	72160	1997444	17	31572901	262	10	72160	47099	0
4	Rishikesh	11	316	18512	11085	314861	17	8350719	451	0	11085	0	0
5	Uttarkashi	11	1341	22552	6752	558878	25	24378326	1081	347	6752	173407	8
6	Barkot	11	653	24639	19277	555314	23	6131777	249	44	19277	28889	1
7	Doiwala	11	782	27554	16499	520754	19	8379185	304	132	16499	103447	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2162	54472	27182	1218237	22	39276801	721	222	27182	166315	3
12	Pauri	11	1377	67143	15729	774744	12	19093065	284	359	15729	180281	3
13	Naindanda	11	1045	30141	23527	561149	19	10650556	353	592	23527	435784	14
14	Tehri	11	802	106159	74164	915225	9	153580111	1447	1208	74164	1487542	14
15	Gopeshwar	11	1574	7745	3092	272993	35	18780057	2425	325	3092	56156	7
16	Narayanbagar	11	194	17974	9866	191984	11	16610274	924	80	9866	86301	5
17	Gairsain	11	439	29800	17844	344358	12	23646696	794	132	17844	154676	5
18	Kotdwar	11	1577	38631	8387	692782	18	14222969	368	543	8387	295057	8
19	Rudraprayag	11	1232	12374	7410	381241	31	12095285	977	130	7410	50499	4
20	Roorkee(Urban)	11	849	37890	22689	914504	24	50982403	1346	974	22689	713471	19
21	Roorkee(Rural)	11	3264	90287	67582	3109701	34	245342473	2717	881	67582	1574866	17
22	Ramnagar (Roorkee)	11	591	29210	24802	895178	31	34497569	1181	234	24802	380334	13
23	Bhagwanpur	11	3060	5558	3328	141388	25	14887376	2679	1206	3328	74676	13
24	Haridwar(Urban)	11	394	405	312	25069	62	1218087	3011	84	312	6128	15
25	Haridwar(Rural)	11	164	9752	6813	175459	18	9782562	1003	24	6813	11579	1
26	Jwalapur	11	962	30075	18009	761059	25	29165863	970	88	18009	63156	2
27	Laksar	11	1657	187163	93396	8549717	46	219517651	1173	170	93396	560413	3
28	Hadwani (Urban)	11	322	18456	2134	238921	13	4564449	247	32	2134	17174	1
29	Haldwani (Rural)	11	2431	288185	140664	4670274	16	112914564	392	702	140664	1587589	6
30	Nainital	11	341	46334	13873	567580	12	18934794	409	265	13873	152802	3
31	Ramnagar	11	1433	32147	18931	1285531	40	26723873	831	451	18931	452956	14
32	Kashipur	11	1593	56952	31262	1996946	35	77232173	1356	488	31262	610749	11
33	Bazpur	11	1896	46150	27635	2423888	53	93774289	2032	204	27635	382119	8
34	Jasgur	11	511	31739	19006	556486	18	24542826	773	183	19006	226200	7
35	Rudrapur-I	11	328	11846	8276	244482	21	33627144	2839	25	8276	37879	3
36	Rudrapur-II	11	1328	39957	23927	1264178	32	92918417	2325	38	23927	78186	2
37	Kichha	11	430	11859	7101	300068	25	3212294	271	192	7101	135231	11
38	Sitraganj	11	714	33095	23121	772291	23	38327896	1158	117	23121	143206	4
39	Khatima	11	772	49455	22211	822666	17	43871628	887	143	22211	163027	3
40	Almora	11	2070	11861	6511	442492	37	17975110	1516	235	6511	53717	5
41	Bageshwar	11	2287	43786	19664	1656574	38	32143297	734	338	19664	290408	7
42	Ranikhet	11	1577	9836	5399	334300	34	8016515	815	306	5399	55976	6
43	Bhikiyasain	11	474	4018	2406	66589	17	612247	152	331	2406	10993	3
44	Pithoragarh	11	2281	65158	29307	1276551	20	39247843	602	389	29307	234234	4
45	Dharchula	11	655	32333	15486	658869	20	31134615	963	616	15486	57276	2
46	Champawat	11	633	43646	17424	479332	11	19582499	449	229	17424	174745	4
UPCL		11	48484	1931405	1033542	46392974	24	1756564388	909	13980	1033542	12921847	7