

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of April 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	55	7384	5143	128956	17	3372394	457	20	5143	67904	9
2	Mohanpur	11	8	5406	3228	25288	5	479274	89	4	3228	12606	2
3	Vikasnagar	11	186	47487	28353	815993	17	13534118	285	8	28353	38202	1
4	Rishikesh	11	396	17763	10605	241369	14	5997038	338	7	10605	301	0
5	Uttarkashi	11	338	10222	4069	149222	15	6607690	646	10	4069	5736	1
6	Barkot	11	37	2417	868	32295	13	309267	128	0	868	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	785	3794	2265	72455	19	1571513	414	304	2265	61371	16
9	Dehradun (South)	11	1221	116080	66996	1433180	12	29482413	254	413	66996	546513	5
10	Dehradun (Central)	11	377	3963	3549	33195	8	629363	159	187	3549	18457	5
11	Srinagar	11	303	24665	12272	435389	18	16796124	681	27	12272	49392	2
12	Pauri	11	226	17268	4801	195791	11	4418734	256	21	4801	16758	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	111	30541	24313	204211	7	4985783	163	261	24313	454010	15
15	Gopeshwar	11	572	6046	2707	185092	31	7495020	1240	60	2707	32267	5
16	Narayanbagar	11	84	2479	1357	58621	24	3988048	1609	1	1357	939	0
17	Gairsain	11	128	10806	6452	180000	17	7732605	716	38	6452	54762	5
18	Kotdwar	11	644	66258	39560	983540	15	18589214	281	446	39560	733999	11
19	Rudraprayag	11	270	4457	2661	130315	29	2886658	648	23	2661	12089	3
20	Roorkee(Urban)	11	595	33425	19957	713040	21	26950092	806	59	19957	138993	4
21	Roorkee(Rural)	11	705	30619	22852	813483	27	53156525	1736	98	22852	278892	9
22	Ramnagar (Roorkee)	11	295	21273	19953	495012	23	17559256	825	57	19953	94157	4
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	548	2841	2069	34188	12	585647	206	98	2069	6793	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	600	24119	14400	457634	19	7914622	328	41	14400	50715	2
27	Laksar	11	62	17644	10534	239287	14	6155857	349	11	10534	46196	3
28	Hadwani (Urban)	11	987	136589	40776	1787005	13	28511518	209	97	40776	169565	1
29	Haldwani (Rural)	11	119	14674	6745	196134	13	4261085	290	26	6745	45993	3
30	Nainital	11	195	28605	8710	279200	10	9156983	320	72	8710	102384	4
31	Ramnagar	11	214	22004	8466	327647	15	4808858	219	79	8466	108494	5
32	Kashipur	11	347	40548	22192	781728	19	16221201	400	151	22192	331758	8
33	Bazpur	11	403	15704	9376	657789	42	9947998	633	93	9376	160263	10
34	Jasipur	11	54	11595	8077	112423	10	3976179	343	11	8077	22630	2
35	Rudrapur-I	11	811	36710	25571	844652	23	38060249	1037	53	25571	99556	3
36	Rudrapur-II	11	910	44092	30713	1080560	25	29804000	676	29	30713	59597	1
37	Kichha	11	200	12198	7283	159206	13	1462990	120	93	7283	73274	6
38	Sitraganj	11	153	8861	5291	203939	23	4204304	474	27	5291	37383	4
39	Khatima	11	180	11899	5328	190754	16	4784878	402	23	5328	22016	2
40	Almora	11	504	7730	4230	219886	28	2899769	375	58	4230	21582	3
41	Bageshwar	11	297	8934	4001	283889	32	3509978	393	62	4001	52674	6
42	Ranikhet	11	147	3012	1798	73403	24	916294	304	42	1798	15843	5
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	392	40734	13233	579037	14	16809346	413	28	13233	41364	1
45	Dharchula	11	281	12444	8446	261972	21	5695309	458	51	8446	16208	1
46	Champawat	11	96	10799	4836	97066	9	6504213	602	50	4836	48724	5
UPCL		11	14838	974089	524035	16193848	17	432732409	444	3237	524035	4150359	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of April 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	586	41418	24802	1375952	33	18559355	448	414	24802	423827	10
2	Mohanpur	11	595	44632	24499	1188518	27	23936127	536	469	24499	929349	21
3	Vikasnagar	11	756	120506	72160	2079804	17	29785756	247	10	72160	45287	0
4	Rishikesh	11	310	18512	11085	327844	18	7878037	426	0	11085	0	0
5	Uttarkashi	11	1315	22552	6752	581922	26	22998421	1020	337	6752	166738	7
6	Barkot	11	640	24639	19277	578211	23	5784695	235	43	19277	27778	1
7	Doiwala	11	766	27554	16499	542226	20	7904892	287	128	16499	99468	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2120	54472	27182	1268468	23	37053585	680	216	27182	159919	3
12	Pauri	11	1350	67143	15729	806689	12	18012325	268	349	15729	173347	3
13	Nainidanda	11	1024	30141	23527	584287	19	10047694	333	574	23527	419023	14
14	Tehri	11	786	106159	74164	952963	9	144886898	1365	1173	74164	1430328	13
15	Gopeshwar	11	1544	7745	3092	284249	37	17717035	2288	316	3092	53996	7
16	Narayanbagar	11	190	17974	9866	199900	11	15670070	872	77	9866	82982	5
17	Gairsain	11	430	29800	17844	358556	12	22308204	749	128	17844	148727	5
18	Kotdwar	11	1546	38631	8387	721347	19	13417895	347	527	8387	283709	7
19	Rudraprayag	11	1207	12374	7410	396961	32	11410646	922	126	7410	48557	4
20	Roorkee(Urban)	11	832	37890	22689	952212	25	48096606	1269	946	22689	686030	18
21	Roorkee(Rural)	11	3200	90287	67582	3237923	36	231455163	2564	856	67582	1514295	17
22	Ramnagar (Roorkee)	11	579	29210	24802	932088	32	32544876	1114	227	24802	365706	13
23	Bhagwanpur	11	3000	5558	3328	147218	26	14044695	2527	1171	3328	71804	13
24	Haridwar(Urban)	11	386	405	312	26102	65	1149139	2840	81	312	5892	15
25	Haridwar(Rural)	11	161	9752	6813	182694	19	9228832	946	24	6813	11134	1
26	Jwalapur	11	943	30075	18009	792440	26	27514965	915	85	18009	60727	2
27	Laksar	11	1625	187163	93396	8902246	48	207092124	1106	165	93396	538859	3
28	Hadwani (Urban)	11	316	18456	2134	248773	13	4306084	233	31	2134	16513	1
29	Haldwani (Rural)	11	2383	288185	140664	4862843	17	106523174	370	681	140664	1526528	5
30	Nainital	11	334	46334	13873	590983	13	17863013	386	258	13873	146925	3
31	Ramnagar	11	1405	32147	18931	1338537	42	25211201	784	438	18931	435535	14
32	Kashipur	11	1562	56952	31262	2079286	37	72860540	1279	473	31262	587259	10
33	Bazpur	11	1859	46150	27635	2523831	55	88466310	1917	198	27635	367422	8
34	Jasgur	11	501	31739	19006	579432	18	23153609	729	177	19006	217500	7
35	Rudrapur-I	11	321	11846	8276	254563	21	31723720	2678	25	8276	36422	3
36	Rudrapur-II	11	1302	39957	23927	1316304	33	87658884	2194	37	23927	75179	2
37	Kichha	11	421	11859	7101	312441	26	3030466	256	186	7101	130030	11
38	Sitraganj	11	700	33095	23121	804135	24	36158392	1093	114	23121	137698	4
39	Khatima	11	757	49455	22211	856587	17	41388329	837	139	22211	156757	3
40	Almora	11	2030	11861	6511	460737	39	16957651	1430	228	6511	51651	4
41	Bageshwar	11	2242	43786	19664	1724879	39	30323865	693	328	19664	279239	6
42	Ranikhet	11	1546	9836	5399	348084	35	7562750	769	297	5399	53823	5
43	Bhikiyasain	11	465	4018	2406	69335	17	577592	144	321	2406	10570	3
44	Pithoragarh	11	2236	65158	29307	1329187	20	37026267	568	377	29307	225225	3
45	Dharchula	11	642	32333	15486	686036	21	29372278	908	598	15486	55073	2
46	Champawat	11	620	43646	17424	499096	11	18474056	423	222	17424	168024	4
UPCL		11	47533	1931405	1033542	48305887	25	1657136215	858	13573	1033542	12424853	6