

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of July 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	66	7384	5349	147807	20	4639230	628	24	5349	81626	11
2	Mohanpur	11	13	5406	3357	28984	5	659312	122	8	3357	15153	3
3	Vikasnagar	11	222	47487	29487	935278	20	18618199	392	9	29487	45921	1
4	Rishikesh	11	471	17763	11030	276653	16	8249821	464	8	11030	362	0
5	Uttarkashi	11	402	10222	4232	171036	17	9089863	889	12	4232	6895	1
6	Barkot	11	44	2417	903	37017	15	425443	176	0	903	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	934	3794	2356	83046	22	2119462	559	361	2356	73772	19
9	Dehradun (South)	11	1453	116080	69676	1642688	14	38966969	336	490	69676	656952	6
10	Dehradun (Central)	11	449	3963	3691	38048	10	848807	214	222	3691	22187	6
11	Srinagar	11	360	24665	12763	499036	20	22652524	918	33	12763	59373	2
12	Pauri	11	269	17268	4993	224412	13	5959440	345	24	4993	20144	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	132	30541	25285	234064	8	6721515	220	310	25285	545755	18
15	Gopeshwar	11	681	6046	2815	212150	35	10104308	1671	71	2815	38787	6
16	Narayanbagar	11	100	2479	1411	67191	27	5376431	2169	6	1411	1128	0
17	Gairsain	11	152	10806	6710	206314	19	10424604	965	45	6710	65828	6
18	Kotdwar	11	766	66258	41142	1127318	17	25060792	378	530	41142	882324	13
19	Rudraprayag	11	321	4457	2768	149365	34	3891608	873	27	2768	14532	3
20	Roorkee(Urban)	11	707	33425	20755	817275	24	36332394	1087	70	20755	167081	5
21	Roorkee(Rural)	11	839	30619	23766	932402	30	71662235	2340	116	23766	335250	11
22	Ramnagar (Roorkee)	11	351	21273	20751	567375	27	23672268	1113	68	20751	113184	5
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	652	2841	2151	39186	14	774051	272	116	2151	8166	3
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	714	24119	14976	524533	22	10669988	442	49	14976	60963	3
27	Laksar	11	74	17644	10956	274267	16	8298933	470	13	10956	55531	3
28	Hadwani (Urban)	11	1175	136589	42407	2048237	15	38437409	281	115	42407	203831	1
29	Haldwani (Rural)	11	142	14674	7015	224806	15	5744523	391	31	7015	55288	4
30	Nainital	11	232	28605	9059	320015	11	12344860	432	85	9059	123074	4
31	Ramnagar	11	255	22004	8805	375544	17	6482995	295	94	8805	130418	6
32	Kashipur	11	413	40548	23080	896004	22	21868388	539	179	23080	398799	10
33	Bazpur	11	479	15704	9751	753947	48	13411257	854	111	9751	192648	12
34	Jasgur	11	65	11595	8400	128858	11	5360430	462	13	8400	27203	2
35	Rudrapur-I	11	965	36710	26594	968126	26	52336608	1426	63	26594	119674	3
36	Rudrapur-II	11	1082	44092	31941	1238520	28	40179852	911	35	31941	71640	2
37	Kichha	11	238	12198	7574	182480	15	1972310	162	111	7574	88081	7
38	Sitraganj	11	182	8861	5502	233751	26	5667975	640	33	5502	44938	5
39	Khatima	11	215	11899	5542	218640	18	6450668	542	27	5542	26465	2
40	Almora	11	600	7730	4400	252030	33	3909284	506	69	4400	25943	3
41	Bageshwar	11	353	8934	4161	325389	36	4731929	530	73	4161	63318	7
42	Ranikhet	11	175	3012	1870	84133	28	1235290	410	50	1870	19045	6
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	466	40734	13762	663683	16	22661288	556	34	13762	49723	1
45	Dharchula	11	335	12444	8784	300268	24	7678053	617	61	8784	19483	2
46	Champawat	11	114	10799	5029	111255	10	8768565	812	59	5029	45612	4
UPCL		11	17656	974089	544997	18561130	19	584459878	600	3854	544997	4976098	5

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of July 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			
						$\sum Ai \times Ni$ 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
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	678	41418	25298	1470790	36	20869029	504	479	25298	524836	13
2	Mohanpur	11	688	44632	24989	1270437	28	26914930	603	543	24989	1150838	26
3	Vikasnagar	11	874	120506	73603	2223155	18	33492534	278	11	73603	56080	0
4	Rishikesh	11	358	18512	11307	350440	19	8858443	479	0	11307	0	0
5	Uttarkashi	11	1521	22552	6887	622031	28	25860529	1147	390	6887	206476	9
6	Barkot	11	740	24639	19663	618064	25	6504589	264	50	19663	34398	1
7	Doiwala	11	886	27554	16829	579599	21	8888640	323	149	16829	123174	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2452	54472	27726	1355898	25	41664830	765	250	27726	198032	4
12	Pauri	11	1562	67143	16044	862290	13	20253923	302	404	16044	214661	3
13	Nainidanda	11	1185	30141	23997	624559	21	11298110	375	665	23997	518888	17
14	Tehri	11	909	106159	75647	1018646	10	162917782	1535	1358	75647	1771216	17
15	Gopeshwar	11	1785	7745	3154	303841	39	19921884	2572	365	3154	66865	9
16	Narayanbagar	11	220	17974	10064	213678	12	17972582	1000	90	10064	102758	6
17	Gairsain	11	498	29800	18201	383270	13	25586103	859	149	18201	184173	6
18	Kotdwar	11	1789	38631	8555	771066	20	15389480	398	610	8555	351325	9
19	Rudraprayag	11	1397	12374	7558	424322	34	13087292	1058	146	7558	60129	5
20	Roorkee(Urban)	11	962	37890	23143	1017843	27	55163775	1456	1094	23143	849530	22
21	Roorkee(Rural)	11	3701	90287	68933	3461097	38	260284811	2883	990	68933	1875193	21
22	Ramnagar (Roorkee)	11	670	29210	25298	996333	34	36598608	1253	263	25298	452864	16
23	Bhagwanpur	11	3470	5558	3394	157365	28	15794077	2842	1355	3394	88917	16
24	Haridwar(Urban)	11	447	405	318	27902	69	1292273	3194	94	318	7297	18
25	Haridwar(Rural)	11	186	9752	6949	195286	20	10275603	1054	27	6949	13788	1
26	Jwalapur	11	1090	30075	18370	847059	28	30635822	1019	99	18370	75200	3
27	Laksar	11	1879	187163	95264	9515835	51	230581341	1232	191	95264	667284	4
28	Hadwani (Urban)	11	365	18456	2176	265919	14	4794497	260	36	2176	20449	1
29	Haldwani (Rural)	11	2757	288185	143477	5198015	18	118605458	412	788	143477	1890342	7
30	Nainital	11	387	46334	14150	631717	14	19889107	429	298	14150	181941	4
31	Ramnagar	11	1626	32147	19309	1430795	45	28070756	873	507	19309	539335	17
32	Kashipur	11	1807	56952	31887	2222601	39	81124674	1424	548	31887	727219	13
33	Bazpur	11	2150	46150	28188	2697787	58	98500513	2134	229	28188	454989	10
34	Jaspur	11	579	31739	19386	619369	20	25779784	812	205	19386	269336	8
35	Rudrapur-I	11	372	11846	8441	272108	23	35321952	2982	28	8441	45103	4
36	Rudrapur-II	11	1506	39957	24405	1407030	35	98577520	2467	43	24405	93096	2
37	Kichha	11	487	11859	7243	333976	28	3407936	287	215	7243	161020	14
38	Sitraganj	11	809	33095	23583	859560	26	40662218	1229	132	23583	170516	5
39	Khatima	11	875	49455	22655	915627	19	46543586	941	161	22655	194117	4
40	Almora	11	2348	11861	6641	492494	42	19069866	1608	264	6641	63960	5
41	Bageshwar	11	2593	43786	20058	1843767	42	34100953	779	380	20058	345789	8
42	Ranikhet	11	1789	9836	5507	372076	38	8504753	865	344	5507	66651	7
43	Bhikiyasain	11	537	4018	2454	74114	18	649535	162	372	2454	13089	3
44	Pithoragarh	11	2587	65158	29893	1420802	22	41638194	639	437	29893	278902	4
45	Dharchula	11	742	32333	15795	733321	23	33030837	1022	692	15795	68199	2
46	Champawat	11	718	43646	17772	533496	12	20775152	476	257	17772	208069	5
UPCL		11	54981	1931405	1054213	51635380	27	1859154283	963	15708	1054213	15386043	8