

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of June 2025

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI 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	60	7239	5067	131002	18	3695982	511	24	5067	68746	9
2	Mohanpur	11	38	700	420	15960	23	918540	1312	14	420	5880	8
3	Vikasnagar	11	247	46556	25606	889464	19	20061571	431	9	25606	41359	1
4	Rishikesh	11	557	28306	16984	594723	21	10889732	385	14	16984	20740	1
5	Uttarkashi	11	372	10022	3007	129125	13	3435270	343	0	3007	0	0
6	Barkot	11	55	2370	855	47025	20	355680	150	0	855	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1141	4048	2429	113304	28	2436264	602	878	2429	96828	24
9	Dehradun (South)	11	1357	113804	62592	1364034	12	22642787	199	543	62592	608190	5
10	Dehradun (Central)	11	610	5006	4505	70511	14	1361409	272	326	4505	39965	8
11	Srinagar	11	332	24181	12091	454046	19	10905474	451	50	12091	69620	3
12	Pauri	11	199	16929	4225	161630	10	3574240	211	45	4225	39890	2
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	133	29942	23954	239274	8	6126062	205	128	23954	156558	5
15	Gopeshwar	11	578	5798	2609	170860	29	7340092	1266	151	2609	59152	10
16	Narayanbagar	11	70	2430	1458	58939	24	2683692	1104	9	1458	6865	3
17	Gairsain	11	142	10594	6356	182927	17	6425401	607	55	6356	70069	7
18	Kotdwar	11	898	62243	30999	1081739	17	26549610	427	732	30999	970276	16
19	Rudraprayag	11	259	4919	2705	140778	29	2697202	548	29	2705	15418	3
20	Roorkee(Urban)	11	1065	42018	25211	1092468	26	42984414	1023	100	25211	279840	7
21	Roorkee(Rural)	11	1086	30019	22514	1080684	36	60128057	2003	142	22514	399624	13
22	Ramnagar (Roorkee)	11	728	22160	16598	940456	42	20747075	936	111	16598	153528	7
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	784	4616	3161	71352	15	1747101	378	181	3161	18231	4
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	1178	23646	12296	708505	30	17838195	754	48	12296	50512	2
27	Laksar	11	86	17298	10379	352246	20	9705564	561	13	10379	49505	3
28	Hadwani (Urban)	11	1277	133910	27891	1519814	11	24040166	180	154	27891	209299	2
29	Haldwani (Rural)	11	180	14387	8321	344201	24	5850295	407	34	8321	76133	5
30	Nainital	11	222	28056	22916	325619	12	11734117	418	91	22916	129373	5
31	Ramnagar	11	301	21573	8341	468869	22	10153576	471	121	8341	197457	9
32	Kashipur	11	357	39753	23852	805798	20	35021649	881	244	23852	591025	15
33	Bazpur	11	410	15734	8654	598643	38	16995593	1080	84	8654	132268	8
34	Jaspur	11	84	11368	6821	145562	13	7449144	655	10	6821	17741	2
35	Rudrapur-I	11	932	35990	25193	890632	25	40416770	1123	46	25193	87770	2
36	Rudrapur-II	11	916	43227	30259	1086419	25	40041817	926	30	30259	60138	1
37	Kichha	11	235	11959	7175	176070	15	2222923	186	57	7175	47029	4
38	Sitraganj	11	132	8688	5213	171742	20	3970239	457	21	5213	28121	3
39	Khatima	11	148	11666	5250	149171	13	3556162	305	17	5250	17507	2
40	Almora	11	634	5910	3073	196628	33	3008045	509	103	3073	27386	5
41	Bageshwar	11	372	8759	3504	319832	37	5198107	593	141	3504	116689	13
42	Ranikhet	11	141	2640	1452	52580	20	1584429	600	74	1452	29198	11
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	491	40069	12881	768415	19	15559527	388	43	12881	64869	2
45	Dharchula	11	350	12200	8365	263898	22	6352121	521	60	6837	17231	1
46	Champawat	11	124	10620	4248	108422	10	6509748	613	66	4248	57143	5
UPCL		11	19281	971352	509428	18483367	19	524913844	540	4998	507900	5127170	5

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of June 2025

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI 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	611	41049	24629	1441999	35	19929152	485	432	24629	441605	11
2	Mohanpur	11	822	48569	26713	1570215	32	45285910	932	468	26713	744842	15
3	Vikasnagar	11	1149	119431	62104	2660626	22	44135676	370	15	62104	63552	1
4	Rishikesh	11	723	25121	13817	880812	35	17110200	681	0	13817	0	0
5	Uttarkashi	11	1274	22351	6705	577285	26	11410043	510	308	6705	148156	7
6	Barkot	11	655	24419	19143	601092	25	6543361	268	25	19143	21654	1
7	Doiwala	11	992	27283	12277	608830	22	6363606	233	150	12277	92880	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2016	53986	26993	1193761	22	42180569	781	219	26993	181965	3
12	Pauri	11	1348	66174	14645	913890	14	18140325	274	537	14645	290205	4
13	Nainidanda	11	2735	29872	17923	732490	25	10512434	352	767	17923	431030	14
14	Tehri	11	792	105212	73648	972340	9	150460541	1430	609	73648	701488	7
15	Gopeshwar	11	1715	11611	5225	442002	38	22431242	1932	483	5225	139481	12
16	Narayanbagar	11	414	17814	10688	483284	27	21430066	1203	223	10688	214058	12
17	Gairsain	11	517	29534	17720	472652	16	29618410	1003	237	17720	259444	9
18	Kotdwar	11	2097	38286	6807	793606	21	13979188	365	651	6807	218253	6
19	Rudraprayag	11	1469	17315	9523	534137	31	17099899	988	140	9523	54234	3
20	Roorkee(Urban)	11	978	43145	25887	1208060	28	69420305	1609	574	25887	495305	11
21	Roorkee(Rural)	11	3868	89482	67112	3489798	39	205746601	2299	1000	67112	1806862	20
22	Ramnagar (Roorkee)	11	909	31349	23850	1351142	43	51748140	1651	263	23850	418170	13
23	Bhagwanpur	11	3297	5777	3466	173152	30	16975452	2938	1389	3466	91185	16
24	Haridwar(Urban)	11	477	620	487	31217	50	833790	1345	131	487	10707	17
25	Haridwar(Rural)	11	160	9665	6766	185568	19	14642475	1515	86	6766	41560	4
26	Jwalapur	11	1376	29807	15500	956515	32	28065353	942	115	15500	75921	3
27	Laksar	11	1131	257358	128679	7539403	29	415637428	1615	130	128679	444388	2
28	Hadwani (Urban)	11	360	18292	2254	294050	16	4339658	237	90	2254	72836	4
29	Haldwani (Rural)	11	2933	285614	168353	6569131	23	112982393	396	1251	168353	3588171	13
30	Nainital	11	472	45930	17066	440009	10	16329520	356	462	17066	270354	6
31	Ramnagar	11	1891	31860	12744	917511	29	27318350	857	917	12744	539039	17
32	Kashipur	11	1558	56444	25400	1705893	30	70433154	1248	709	25400	709065	13
33	Bazpur	11	1656	46053	20724	1791145	39	69273060	1504	248	20724	372830	8
34	Jaspur	11	554	33024	18163	640471	19	39342914	1191	172	18163	213187	6
35	Rudrapur-I	11	195	11740	8218	169188	14	9077174	773	26	8218	40840	3
36	Rudrapur-II	11	1926	41463	23761	1597984	39	93996621	2267	40	23761	81225	2
37	Kichha	11	317	11753	7052	240888	20	3391688	289	101	7052	74602	6
38	Sitraganj	11	694	32800	22960	822450	25	28049543	855	58	22960	62692	2
39	Khatima	11	566	49014	22056	679225	14	24810949	506	76	22056	102633	2
40	Almora	11	2024	11017	5288	369723	34	9506184	863	511	5288	107068	10
41	Bageshwar	11	2479	43395	17358	1622151	37	53935605	1243	783	17358	549924	13
42	Ranikhet	11	1870	9750	4875	325521	33	7946342	815	585	4875	103155	11
43	Bhikiyasain	11	689	6445	3867	140385	22	1668973	259	328	3867	48568	8
44	Pithoragarh	11	3019	65978	30240	1845440	28	44300239	671	503	30240	300891	5
45	Dharchula	11	725	32120	15653	782131	24	31932211	994	780	8598	59352	2
46	Champawat	11	736	43456	15210	524199	12	17846953	411	324	15210	213544	5
UPCL		11	56189	2021379	1061550	51291373	25	1946181697	963	16916	1054495	14896914	7