

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of April 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	57	7239	5067	129733	18	3692035	510	23	5067	68521	9
2	Mohanpur	11	8	5300	3180	25440	5	524700	99	4	3180	12720	2
3	Vikasnagar	11	192	46556	27934	820909	18	14816906	318	8	27934	38549	1
4	Rishikesh	11	408	17414	10449	242823	14	6565448	377	7	10449	304	0
5	Uttarkashi	11	348	10022	4009	150121	15	7233979	722	10	4009	5788	1
6	Barkot	11	38	2370	855	32490	14	338580	143	0	855	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	809	3720	2232	72891	20	1720464	462	310	2232	61928	17
9	Dehradun (South)	11	1259	113804	66006	1441814	13	32276809	284	421	66006	551477	5
10	Dehradun (Central)	11	389	3885	3497	33395	9	689015	177	191	3497	18625	5
11	Srinagar	11	312	24181	12091	438012	18	18388091	760	28	12091	49840	2
12	Pauri	11	233	16929	4730	196970	12	4837550	286	21	4730	16910	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	114	29942	23954	205442	7	5458345	182	266	23954	458133	15
15	Gopeshwar	11	590	5927	2667	186207	31	8205412	1384	61	2667	32560	5
16	Narayanbagar	11	87	2430	1337	58974	24	4366042	1797	1	1337	947	0
17	Gairsain	11	132	10594	6356	181085	17	8465515	799	39	6356	55259	5
18	Kotdwar	11	664	64959	38975	989465	15	20351132	313	455	38975	740665	11
19	Rudraprayag	11	278	4370	2622	131100	30	3160261	723	23	2622	12199	3
20	Roorkee(Urban)	11	613	32770	19662	717335	22	29504470	900	60	19662	140256	4
21	Roorkee(Rural)	11	727	30019	22514	818384	27	58194795	1939	100	22514	281425	9
22	Ramnagar (Roorkee)	11	304	20856	19658	497994	24	19223553	922	58	19658	95012	5
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	565	2785	2038	34394	12	641156	230	100	2038	6855	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	619	23646	14188	460391	19	8664783	366	42	14188	51175	2
27	Laksar	11	64	17298	10379	240728	14	6739320	390	11	10379	46615	3
28	Hadwani (Urban)	11	1018	133910	40173	1797770	13	31213890	233	99	40173	171105	1
29	Haldwani (Rural)	11	123	14387	6645	197316	14	4664958	324	27	6645	46411	3
30	Nainital	11	201	28044	8413	280882	10	10024898	357	73	8413	103314	4
31	Ramnagar	11	221	21573	8341	329621	15	5264650	244	81	8341	109479	5
32	Kashipur	11	358	39753	21864	786437	20	17758675	447	154	21864	334771	8
33	Bazpur	11	415	15396	9238	661751	43	10890887	707	95	9238	161718	11
34	Jasgur	11	56	11368	7958	113100	10	4353048	383	11	7958	22835	2
35	Rudrapur-I	11	836	35990	25193	849740	24	41667668	1158	54	25193	100460	3
36	Rudrapur-II	11	938	43227	30259	1087069	25	32628877	755	30	30259	60138	1
37	Kichha	11	206	11959	7175	160166	13	1601655	134	95	7175	73940	6
38	Sitraganj	11	158	8688	5213	205167	24	4602796	530	28	5213	37723	4
39	Khatima	11	186	11666	5250	191904	16	5238398	449	23	5250	22216	2
40	Almora	11	520	7578	4168	221211	29	3174614	419	59	4168	21778	3
41	Bageshwar	11	306	8759	3942	285599	33	3842660	439	63	3942	53152	6
42	Ranikhet	11	152	2953	1772	73845	25	1003142	340	43	1772	15987	5
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	404	39935	13037	582525	15	18402566	461	29	13037	41740	1
45	Dharchula	11	290	12200	8321	263550	22	6235121	511	52	6421	16355	1
46	Champawat	11	99	10587	4764	97650	9	7120694	673	51	4764	49166	5
UPCL		11	15297	954989	516123	16291401	17	473747558	496	3306	514223	4188052	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of April 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	598	41049	24629	1432540	35	19924352	485	422	24629	441486	11
2	Mohanpur	11	607	44234	24329	1237398	28	25696574	581	479	24329	968072	22
3	Vikasnagar	11	771	119431	71658	2165339	18	31976429	268	10	71658	47174	0.4
4	Rishikesh	11	316	18347	11008	341327	19	8457448	461	0	11008	0	0
5	Uttarkashi	11	1342	22351	6705	605854	27	24689902	1105	344	6705	173685	8
6	Barkot	11	653	24419	19143	601991	25	6210146	254	44	19143	28935	1
7	Doiwala	11	782	27308	16385	564526	21	8486278	311	131	16385	103613	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2163	53986	26993	1320636	24	39778791	737	220	26993	166582	3
12	Pauri	11	1378	66544	15620	839865	13	19337090	291	356	15620	180570	3
13	Nainidanda	11	1045	29872	23363	608317	20	10786679	361	586	23363	436482	15
14	Tehri	11	802	105212	73648	992155	9	155542993	1478	1197	73648	1489926	14
15	Gopeshwar	11	1575	7676	3070	295939	39	19020081	2478	322	3070	56246	7
16	Narayanbagar	11	194	17814	9798	208121	12	16822567	944	79	9798	86439	5
17	Gairsain	11	439	29534	17720	373303	13	23948920	811	131	17720	154924	5
18	Kotdwar	11	1578	38286	8329	751014	20	14404750	376	538	8329	295530	8
19	Rudraprayag	11	1232	12264	7358	413287	34	12249872	999	129	7358	50580	4
20	Roorkee(Urban)	11	849	37552	22531	991373	26	51634000	1375	965	22531	714615	19
21	Roorkee(Rural)	11	3265	89482	67112	3371087	38	248478153	2777	873	67112	1577390	18
22	Ramnagar (Roorkee)	11	591	28949	24630	970422	34	34938476	1207	232	24630	380944	13
23	Bhagwanpur	11	3061	5508	3305	153273	28	15077649	2737	1195	3305	74796	14
24	Haridwar(Urban)	11	394	401	310	27176	68	1233655	3076	83	310	6138	15
25	Haridwar(Rural)	11	164	9665	6766	190207	20	9907592	1025	24	6766	11598	1
26	Jwalapur	11	962	29807	17884	825030	28	29538626	991	87	17884	63257	2
27	Laksar	11	1658	185494	92747	9268365	50	222323269	1199	168	92747	561311	3
28	Hadwani (Urban)	11	322	18292	2119	259004	14	4622787	253	32	2119	17201	1
29	Haldwani (Rural)	11	2432	285614	139686	5062835	18	114357706	400	695	139686	1590133	6
30	Nainital	11	341	45921	13776	615288	13	19176796	418	263	13776	153047	3
31	Ramnagar	11	1434	31860	18799	1393586	44	27065426	850	447	18799	453682	14
32	Kashipur	11	1594	56444	31044	2164799	38	78219264	1386	483	31044	611728	11
33	Bazpur	11	1897	45738	27443	2627628	57	94972802	2076	202	27443	382731	8
34	Jaspur	11	511	31456	18874	603262	19	24856504	790	181	18874	226562	7
35	Rudrapur-I	11	328	11740	8218	265032	23	34056926	2901	25	8218	37940	3
36	Rudrapur-II	11	1329	39601	23761	1370439	35	94105991	2376	38	23761	78311	2
37	Kichha	11	430	11753	7052	325290	28	3253350	277	190	7052	135448	12
38	Sitraganj	11	714	32800	22960	837206	26	38817758	1183	116	22960	143436	4
39	Khatima	11	772	49014	22056	891815	18	44432344	907	142	22056	163289	3
40	Almora	11	2071	11755	6465	479686	41	18204847	1549	233	6465	53803	5
41	Bageshwar	11	2288	43395	19528	1795818	41	32554115	750	335	19528	290874	7
42	Ranikhet	11	1578	9748	5361	362400	37	8118973	833	303	5361	56066	6
43	Bhikiyasain	11	474	3982	2389	72187	18	620072	156	328	2389	11011	3
44	Pithoragarh	11	2282	64577	29103	1383852	21	39749463	616	385	29103	234609	4
45	Dharchula	11	655	32045	15378	714250	22	31532541	984	610	8444	57368	2
46	Champawat	11	633	43257	17303	519622	12	19832780	458	227	17303	175025	4
UPCL		11	48504	1914177	1026358	50292543	26	1779014736	929	13850	1019424	12942555	7