

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

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	78	7239	4343	140147	19	4190874	579	26	4343	66744	9
2	Mohanpur	11	55	5300	3180	174900	33	2311860	436	42	3180	133560	25
3	Vikasnagar	11	194	46556	27934	869477	19	19902263	427	9	27934	44418	1
4	Rishikesh	11	347	21579	12947	276507	13	4758721	221	20	12947	22757	1
5	Uttarkashi	11	302	10022	4510	154031	15	3746180	374	8	4510	5619	1
6	Barkot	11	31	2370	1422	44082	19	915768	386	3	1422	4266	2
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	622	4267	2560	67060	16	1718214	403	446	2560	53610	13
9	Dehradun (South)	11	1187	110689	66413	1335854	12	26020493	235	488	66413	634350	6
10	Dehradun (Central)	11	338	4376	3501	37691	9	556354	127	166	3501	17546	4
11	Srinagar	11	344	24181	12091	454621	19	17422268	720	78	12091	108530	4
12	Pauri	11	162	16929	4780	153760	9	3981260	235	22	4780	15050	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	127	29942	23954	223790	7	6456769	216	318	23954	520578	17
15	Gopeshwar	11	365	9797	5389	224799	23	6000206	612	63	9397	65870	7
16	Narayanbagar	11	53	2430	1458	37724	16	2833675	1166	7	1458	4190	2
17	Gairsain	11	103	10594	6356	142880	13	5551407	524	37	6356	40486	4
18	Kotdwar	11	482	64959	54873	995715	15	18919879	291	392	54873	777660	12
19	Rudraprayag	11	198	7106	4264	170786	24	3738832	526	19	4264	19567	3
20	Roorkee(Urban)	11	584	32473	19484	755647	23	41403075	1275	40	19484	92548	3
21	Roorkee(Rural)	11	762	21545	16159	538625	25	79802680	3704	61	16159	150815	7
22	Ramnagar (Roorkee)	11	343	20856	19208	549019	26	33382913	1601	68	19208	108843	5
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	351	2719	1813	19660	7	315337	116	94	1813	5431	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	924	23646	14188	601028	25	18638633	788	152	14188	101243	4
27	Laksar	11	75	17298	10379	324764	19	8464494	489	13	10379	66290	4
28	Hadwani (Urban)	11	1219	133347	16512	988627	7	19284109	145	110	16512	77082	1
29	Haldwani (Rural)	11	110	14387	7090	218530	15	4060471	282	24	7090	54585	4
30	Nainital	11	194	28323	11329	273106	10	9283070	328	41	11329	56996	2
31	Ramnagar	11	190	21573	8341	290988	13	2307884	107	32	8341	42842	2
32	Kashipur	11	447	39753	23852	964243	24	31530930	793	163	23852	362250	9
33	Bazpur	11	320	15312	8422	435556	28	9236030	603	51	8422	74906	5
34	Jasgur	11	42	11368	7958	84958	7	4331278	544	12	7958	25085	2
35	Rudrapur-I	11	588	35990	21594	777024	22	62277780	1730	50	21594	95000	3
36	Rudrapur-II	11	705	43227	25936	907767	21	32467917	751	30	25936	60138	1
37	Sitraganj	11	143	8688	6081	216583	25	6579060	757	19	6081	28166	3
38	Khatima	11	244	11666	6028	249018	21	5195605	445	31	6028	25489	2
39	Almora	11	880	10898	4904	400951	37	7167768	658	83	4904	29409	3
40	Bageshwar	11	226	8759	3942	236322	27	2935606	335	54	3942	50876	6
41	Ranikhet	11	83	4049	2429	54977	14	753298	186	18	2429	10318	3
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	302	39690	12959	461158	12	6517595	164	19	12959	27752	1
44	Dharchula	11	550	12100	8596	263512	22	6532122	540	110	8596	16353	1
45	Champawat	11	112	10227	4602	107059	10	5731959	560	37	4602	33917	3
UPCL		11	14382	946230	501780	15222945	16	527224638	557	3456	505789	4131135	4

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

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	642	41049	24629	1389509	34	22222287	541	319	24629	338244	8
2	Mohanpur	11	802	44234	19905	1213002	27	24246748	548	519	19905	697237	16
3	Vikasnagar	11	825	119431	71658	2386299	20	41829603	350	13	71658	64541	1
4	Rishikesh	11	357	19142	11485	386296	20	6262482	327	0	11485	0	0
5	Uttarkashi	11	877	19630	6871	459593	23	8628688	440	253	6871	135263	7
6	Barkot	11	924	24419	14651	562590	23	8420199	345	91	14651	59535	2
7	Doiwala	11	572	26308	14469	476397	18	6245478	237	92	14469	69757	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1384	53986	26993	946273	18	37244904	690	249	26993	157203	3
12	Pauri	11	977	66544	14355	694535	10	12376100	186	290	14355	170925	3
13	Nainidanda	11	715	29872	23363	413404	14	8499830	285	739	23363	519353	17
14	Tehri	11	912	105212	84170	1301369	12	226327878	2151	1271	84170	1821102	17
15	Gopeshwar	11	662	10674	5871	266739	25	7486708	701	140	5871	52474	5
16	Narayanbagar	11	320	17501	11376	350346	20	32079325	1833	44	11376	51860	3
17	Gairsain	11	359	29534	17720	365930	12	8772937	297	81	17720	60266	2
18	Kotdwar	11	1183	38286	8329	612366	16	9851104	257	319	8329	167822	4
19	Rudraprayag	11	718	15449	9269	304973	20	7434124	481	90	9269	46045	3
20	Roorkee(Urban)	11	1071	37244	22346	968344	26	37690928	1012	993	22346	558660	15
21	Roorkee(Rural)	11	3059	86982	65237	2522478	29	312178398	3589	554	65237	1478694	17
22	Ramnagar (Roorkee)	11	570	28949	24160	918080	32	30570144	1056	189	24160	304416	11
23	Bhagwanpur	11	2781	4378	2627	100694	23	7582696	1732	900	2627	35024	8
24	Haridwar(Urban)	11	446	331	261	24999	76	1236885	3737	75	261	3922	12
25	Haridwar(Rural)	11	139	9234	5540	161780	18	9446382	1023	62	5540	73872	8
26	Jwalapur	11	914	30679	15953	623404	20	47115911	1536	182	15953	122841	4
27	Laksar	11	2026	178896	107338	10750222	60	460491982	2574	130	107338	550423	3
28	Hadwani (Urban)	11	246	18129	2406	211789	12	4540173	250	32	2406	28416	2
29	Haldwani (Rural)	11	2073	285614	285614	5024045	18	59786126	209	464	285614	1371707	5
30	Nainital	11	549	45908	18363	603690	13	5297929	115	106	18363	64826	1
31	Ramnagar	11	1059	31860	17569	903136	28	16794612	527	242	17569	206584	6
32	Kashipur	11	1293	56444	33866	1897248	34	80822113	1432	541	33866	742288	13
33	Bazpur	11	1593	45504	20477	1623532	36	40555997	891	170	20477	227826	5
34	Jaspur	11	477	33024	19814	604293	18	25393842	769	171	19814	210729	6
35	Rudrapur-I	11	190	11740	7044	234800	20	18895980	1610	24	7044	36620	3
36	Rudrapur-II	11	1015	39601	23761	886666	22	49764806	1257	38	23761	78311	2
37	Sitraganj	11	656	32800	22960	796930	24	60205588	1836	112	22960	129406	4
38	Khatima	11	860	49014	19606	875153	18	46566258	950	139	19606	132635	3
39	Almora	11	1414	14719	6624	333218	23	6599886	448	79	6624	19615	1
40	Bageshwar	11	1855	43395	19528	1478144	34	24394784	562	193	19528	155068	4
41	Ranikhet	11	1009	12337	7402	318646	26	5108960	414	142	7402	38493	3
42	Bhikiyasain	11	472	5932	3559	86986	15	2138731	361	99	3559	17257	3
43	Pithoragarh	11	1527	63228	27881	941090	15	15555932	246	198	27881	112863	2
44	Dharchula	11	905	32045	15375	714222	22	31950212	997	795	15375	57325	2
45	Champawat	11	676	43832	17533	562179	13	19345220	441	206	17533	157548	4
UPCL		11	41104	1903090	1177960	46295389	24	1887958868	992	11346	1177960	11326997	6