

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of March 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	82	7239	4343	145432	20	4318353	597	32	4343	71811	10
2	Mohanpur	11	4	5300	3710	14840	3	519400	98	12	3710	44520	8
3	Vikasnagar	11	171	46556	37245	988726	21	18313109	393	9	37245	60159	1
4	Rishikesh	11	312	19226	11535	218801	11	5188098	270	16	11535	14464	1
5	Uttarkashi	11	299	10022	3508	118518	12	3143415	314	15	3508	6564	1
6	Barkot	11	38	2370	855	32490	14	355680	150	2	855	1710	1
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	716	4267	3873	73606	17	1673901	392	389	3873	43353	10
9	Dehradun (South)	11	954	113811	73977	1155669	10	19115401	168	396	73977	551836	5
10	Dehradun (Central)	11	379	3458	3112	34322	10	582118	168	175	3112	15784	5
11	Srinagar	11	260	24181	12091	350377	14	9657451	399	29	12091	38832	2
12	Pauri	11	161	16929	7618	203115	12	3548395	210	30	7618	29822	2
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	125	29942	20959	200918	7	5781959	193	303	20959	441088	15
15	Gopeshwar	11	556	8486	3819	289550	34	12444137	1466	88	3819	66344	8
16	Narayanbagar	11	45	2430	1458	34326	14	1665763	685	9	1458	6865	3
17	Gairsain	11	119	10594	6356	161150	15	4373192	413	49	6356	71039	7
18	Kotdwar	11	984	64959	38975	1577521	24	29628711	456	547	38975	834816	13
19	Rudraprayag	11	241	4790	3171	157620	33	2032449	424	19	3171	13144	3
20	Roorkee(Urban)	11	536	32605	19563	749915	23	64166640	1968	58	19563	132376	4
21	Roorkee(Rural)	11	788	21545	16159	538625	25	63859380	2964	57	16159	129270	6
22	Ramnagar (Roorkee)	11	271	20856	19358	437160	21	14263369	684	74	19358	119372	6
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	420	2046	1552	19440	10	323127	158	93	1552	4123	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	1010	23646	13005	598200	25	27088855	1146	123	13005	77213	3
27	Laksar	11	63	17298	10379	302884	18	11061500	639	11	10379	52660	3
28	Hadwani (Urban)	11	1146	133347	36004	1745299	13	16423831	123	100	36004	160009	1
29	Haldwani (Rural)	11	86	14387	6070	129649	9	3366871	234	12	6070	27625	2
30	Nainital	11	237	28039	8412	340158	12	8626757	308	44	8412	58215	2
31	Ramnagar	11	139	21573	8629	209712	10	2248013	104	49	8629	77860	4
32	Kashipur	11	376	39753	23852	865893	22	55807040	1404	188	23852	459347	12
33	Bazpur	11	356	15354	9212	551916	36	13058194	850	63	9212	103665	7
34	Jasgur	11	48	11368	7958	97185	9	4743004	417	11	7958	23647	2
35	Rudrapur-I	11	730	35990	21594	1007720	28	67445260	1874	45	21594	86900	2
36	Rudrapur-II	11	714	43227	25936	1051713	24	31950373	739	30	25936	60138	1
37	Sitraganj	11	173	8688	5213	223823	26	6307325	726	31	5213	41701	5
38	Khatima	11	238	11666	5250	233299	20	6918170	593	27	5250	23932	2
39	Almora	11	597	9781	5869	348805	36	4542518	464	57	5869	26963	3
40	Bageshwar	11	292	8759	4817	379036	43	4632762	529	69	4817	68479	8
41	Ranikhet	11	147	3924	2354	97650	25	2087269	532	21	2354	10330	3
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	411	39849	13009	621904	16	9825493	247	32	13009	47832	1
44	Dharchula	11	619	12100	8596	266442	22	6678716	552	127	8596	17545	1
45	Champawat	11	110	10438	4384	99732	10	6407182	614	55	4384	47976	5
UPCL		11	14953	940798	513780	16673141	18	554173181	589	3497	513780	4169329	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of March 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			
						$\sum Ai \times Ni$ 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	596	41049	24629	1300022	32	22027304	537	295	24629	296784	7
2	Mohanpur	11	503	44234	30964	1293755	29	25443678	575	464	30964	1077024	24
3	Vikasnagar	11	671	119431	101516	2724516	23	43361160	363	13	101516	83658	1
4	Rishikesh	11	319	17666	10600	315992	18	6557802	371	0	10600	0	0
5	Uttarkashi	11	886	19630	5889	373067	19	8544798	435	178	5889	79460	4
6	Barkot	11	789	24419	19143	592642	24	12537037	513	164	19143	111756	5
7	Doiwala	11	559	27308	16385	478981	18	6702962	245	99	16385	76864	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1550	53986	26993	984211	18	26742027	495	167	26993	115165	2
12	Pauri	11	843	66544	29945	816956	12	29886759	449	194	29945	205637	3
13	Nainidanda	11	659	29872	23363	361029	12	8168675	273	691	23363	493890	17
14	Tehri	11	900	105212	79961	1222545	12	192375162	1828	1258	79961	1721025	16
15	Gopeshwar	11	1516	8874	3550	372577	42	12135130	1367	365	3550	78237	9
16	Narayanbagar	11	366	17501	10501	386536	22	18989495	1085	112	10501	107690	6
17	Gairsain	11	445	29534	17720	414041	14	11987079	406	121	17720	136747	5
18	Kotdwar	11	1331	38286	8329	650875	17	13944837	364	363	8329	185590	5
19	Rudraprayag	11	931	14126	10207	450226	32	9543882	676	107	10207	57198	4
20	Roorkee(Urban)	11	938	37222	22333	930550	25	109953788	2954	916	22333	334998	9
21	Roorkee(Rural)	11	3026	86982	65237	2348514	27	346014396	3978	638	65237	1652658	19
22	Ramnagar (Roorkee)	11	563	28949	24700	927073	32	34291833	1185	148	24700	243707	8
23	Bhagwanpur	11	2712	4837	2902	111251	23	8861384	1832	900	2902	38696	8
24	Haridwar(Urban)	11	407	330	260	25020	76	920295	2789	64	260	4551	14
25	Haridwar(Rural)	11	135	9234	5540	175446	19	9021618	977	38	5540	46170	5
26	Jwalapur	11	1185	30679	15953	794373	26	61655968	2010	247	15953	158304	5
27	Laksar	11	1501	172646	94955	8179016	47	294513525	1706	114	94955	469619	3
28	Hadwani (Urban)	11	303	18129	2227	258918	14	3374566	186	45	2227	36250	2
29	Haldwani (Rural)	11	1975	285614	138591	4031538	14	66187496	232	524	138591	1174856	4
30	Nainital	11	252	45916	13775	442630	10	6327407	138	141	13775	82914	2
31	Ramnagar	11	1090	31860	18799	879878	28	13234377	415	252	18799	205130	6
32	Kashipur	11	1047	56444	31044	1502080	27	85286805	1511	547	31044	700555	12
33	Bazpur	11	1252	45642	25103	1539533	34	36061977	790	188	25103	330416	7
34	Jasipur	11	407	33024	19814	519294	16	23866414	723	128	19814	153292	5
35	Rudrapur-I	11	214	11740	7044	258280	22	16776460	1429	26	7044	40840	3
36	Rudrapur-II	11	1149	39601	23761	1056555	27	55124592	1392	38	23761	78311	2
37	Sitraganj	11	825	32800	22960	968500	30	65119017	1985	168	22960	204218	6
38	Khatima	11	936	49014	22056	1068257	22	58611233	1196	131	22056	131601	3
39	Almora	11	1973	13492	8095	588019	44	14542386	1078	277	8095	90019	7
40	Bageshwar	11	2081	43395	22565	1929860	44	34611297	798	334	22565	300806	7
41	Ranikhet	11	1497	11980	6589	409714	34	7558178	631	271	6589	58431	5
42	Bhikiyasain	11	475	5132	3079	76154	15	1350571	263	83	3079	13925	3
43	Pithoragarh	11	1965	63618	28345	1202689	19	21237783	334	317	28345	192455	3
44	Dharchula	11	932	32045	15375	726781	23	31926113	996	804	8432	54797	2
45	Champawat	11	667	42716	17941	562118	13	20289491	475	253	17941	200746	5
UPCL		11	42371	1890714	1078739	44250014	23	1875666758	992	12183	1071796	11824989	6