

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of February 2024

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	Nos.	Min	Nos.				
1	Raipur Dehradun	11	58	7239	4705	135721	19	3698550	511	23	4705	68532	9
2	Mohanpur	11	49	5620	3091	151459	27	4172850	743	17	3091	52547	9
3	Vikasnagar	11	183	46556	37245	1075104	23	23145360	497	2	37245	13454	0
4	Rishikesh	11	447	25973	16883	469248	18	17738734	683	22	16883	14895	1
5	Uttarkashi	11	252	10022	4510	147874	15	8582840	856	12	4510	5975	1
6	Barkot	11	37	2370	855	31635	13	522405	220	3	855	2565	1
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	838	3973	2582	90778	23	2127048	535	688	2582	75881	19
9	Dehradun (South)	11	1376	109927	76949	1912039	17	27645255	251	374	76949	578271	5
10	Dehradun (Central)	11	477	4437	3550	50016	11	904999	204	222	3550	22103	5
11	Srinagar	11	197	18888	9444	200824	11	3835260	203	24	9444	17965	1
12	Pauri	11	203	16929	6235	202570	12	4097050	242	44	6235	43250	3
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	150	29942	20959	223010	7	10469915	350	402	20959	684738	23
15	Gopeshwar	11	411	9571	5742	340817	36	5126203	536	38	5742	26419	3
16	Narayanbagar	11	25	1760	1232	16247	9	1001154	569	2	1232	1232	1
17	Gairsain	11	208	10594	6356	265724	25	3900454	368	32	6356	48334	5
18	Kotdwar	11	601	56803	34082	884752	16	26562322	468	311	34082	487075	9
19	Rudraprayag	11	235	6004	3302	154221	26	5640065	939	21	3302	9649	2
20	Roorkee(Urban)	11	1690	31545	18927	1324890	42	34604865	1097	80	18927	180122	6
21	Roorkee(Rural)	11	814	21545	16159	818710	38	20271702	941	71	16159	163898	8
22	Ramnagar (Roorkee)	11	485	20856	18006	727729	35	20271702	972	97	18006	145546	7
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	455	2269	1761	28681	13	588130	259	185	1761	13149	6
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	515	23646	14188	365638	15	17795889	753	13	14188	16200	1
27	Laksar	11	102	17263	11221	441795	26	15872618	919	21	11221	92761	5
28	Hadwani (Urban)	11	1076	124318	49727	2715134	22	31145235	251	80	49727	175205	1
29	Haldwani (Rural)	11	180	9929	5983	315871	32	7944843	800	12	5983	25432	3
30	Nainital	11	183	25841	20816	215291	8	9242090	358	40	20816	51293	2
31	Ramnagar	11	202	21573	8229	275245	13	4847043	225	53	8229	64293	3
32	Kashipur	11	501	39753	23852	1143746	29	21827354	549	192	23852	463451	12
33	Bazpur	11	435	14858	8172	579300	39	15125454	1018	50	8172	69849	5
34	Jaspur	11	48	11368	8526	101597	9	3469808	305	9	8526	19892	2
35	Rudrapur-I	11	704	35990	21594	1043710	29	35018270	973	45	21594	88021	2
36	Rudrapur-II	11	591	41204	28843	1199274	29	26865008	652	29	28843	58640	1
37	Sitraganj	11	50	8993	7194	90230	10	4960531	552	0	7194	0	0
38	Khatima	11	179	10346	6001	109626	11	2143390	207	0	6001	0	0
39	Almora	11	599	12387	7432	447200	36	6340640	512	55	7432	39364	3
40	Bageshwar	11	253	8754	4815	455208	52	3606648	412	37	4815	43770	5
41	Ranikhet	11	114	4097	2458	81330	20	1063269	260	23	2458	12194	3
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	327	38765	12603	496120	13	7500617	193	35	12603	58282	2
44	Dharchula	11	390	11525	7992	244282	21	6242131	542	95	7992	16752	1
45	Champawat	11	114	10788	6473	150921	14	4204049	390	63	6473	80374	7
	UPCL	11	15754	914221	548694	19723565	22	450121749	492	3522	548694	4031373	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of February 2024

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
							Nos.		Min				Nos.
1	Raipur Dehradun	11	635	41049	24629	1450230	35	19925142	485	421	24629	441502	11
2	Mohanpur	11	662	43900	28131	1371356	31	32771906	747	384	28131	756996	17
3	Vikasnagar	11	688	119431	95545	2742843	23	53326262	447	13	95545	76838	1
4	Rishikesh	11	260	20617	13401	357429	17	7957321	386	0	13401	0	0
5	Uttarkashi	11	915	19630	7852	518459	26	14247671	726	242	7852	144700	7
6	Barkot	11	692	24419	19143	574474	24	8173036	335	413	19143	368834	15
7	Doiwala	11	500	25514	15308	430143	17	12280300	481	52	15308	52768	2
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1477	59279	29639	923893	16	34659828	585	163	29639	131017	2
12	Pauri	11	752	65829	29623	759222	12	17992454	273	125	29623	130397	2
13	Nainidanda	11	557	28372	23063	299805	11	4285189	151	293	23063	184797	7
14	Tehri	11	1083	105212	63127	1305398	12	181491527	1725	1598	63127	1673279	16
15	Gopeshwar	11	1120	10024	5513	420348	42	9948328	992	202	5513	74862	7
16	Narayanbagar	11	147	11506	8054	123318	11	8974944	780	48	8054	43116	4
17	Gairsain	11	546	29534	17720	460887	16	13550265	459	94	17720	72242	2
18	Kotdwar	11	1277	33774	13510	901046	27	23358358	692	320	13510	406618	12
19	Rudraprayag	11	1086	14969	8233	436377	29	16270272	1087	59	8233	20057	1
20	Roorkee(Urban)	11	1990	25320	15192	1038120	41	61552920	2431	493	15192	594260	23
21	Roorkee(Rural)	11	3133	86982	65237	3131352	36	237808788	2734	485	65237	1265598	15
22	Ramnagar (Roorkee)	11	545	28949	24220	879993	30	57879341	1999	193	24220	311631	11
23	Bhagwanpur	11	2348	3747	2436	112410	30	5167113	1379	790	2436	59952	16
24	Haridwar(Urban)	11	586	249	149	17464	70	494856	1987	106	149	3605	14
25	Haridwar(Rural)	11	184	11250	6750	213750	19	5283717	470	64	6750	81819	7
26	Jwalapur	11	1138	29807	16394	942311	32	32515788	1091	33	16394	23819	1
27	Laksar	11	1578	179912	93554	7309376	41	278357685	1547	113	93554	457936	3
28	Hadwani (Urban)	11	210	18129	6345	486668	27	7273000	401	25	6345	54826	3
29	Haldwani (Rural)	11	2103	274068	159847	5375997	20	105206863	384	525	159847	1501232	5
30	Nainital	11	466	38440	17704	276647	7	4830995	126	101	17704	64435	2
31	Ramnagar	11	1167	29804	16661	881130	30	18242052	612	275	16661	182824	6
32	Kashipur	11	1423	56444	27093	1726377	31	67430797	1195	587	27093	647385	11
33	Bazpur	11	1810	131357	52543	4750022	36	201417186	1533	183	52543	1372206	10
34	Jaspur	11	742	33024	18163	864443	26	46358379	1404	163	18163	202594	6
35	Rudrapur-I	11	302	11740	7044	328720	28	23773500	2025	21	7044	33160	3
36	Rudrapur-II	11	1165	39601	23761	1949161	49	50214068	1268	38	23761	78311	2
37	Sitraganj	11	703	33455	16728	631848	19	37024018	1107	0	16728	0	0
38	Khatima	11	524	48644	26754	908752	19	26289852	540	0	26754	0	0
39	Almora	11	1687	16129	10484	637070	39	19309445	1197	239	10484	76805	5
40	Bageshwar	11	1825	43388	23863	1995848	46	35534772	819	247	23863	303716	7
41	Ranikhet	11	1196	12761	7657	440423	35	8460838	663	184	7657	72554	6
42	Bhikiyasain	11	1040	9491	5695	221531	23	4148725	437	316	5695	52593	6
43	Pithoragarh	11	1822	61069	27170	1065389	17	18704976	306	193	27170	123409	2
44	Dharchula	11	915	29321	16235	692312	24	31031212	1058	655	16235	53451	2
45	Champawat	11	631	31817	19090	603155	19	16513151	519	356	19090	356245	11
UPCL		11	43630	1937958	1109260	50555498	26	1860036842	960	10812	1109260	12552390	6