

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of June 2022

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
							Nos.		Min				Nos.
1	Raipur Dehradun	11	68	7239	7239	130814	18	3776305	522	32	7239	75840	10
2	Mohanpur	11	91	5525	3039	276526	50	9480900	1716	8	3039	24310	4
3	Vikasnagar	11	307	46556	37245	1674048	36	31922677	686	24	37245	153646	3
4	Rishikesh	11	701	42659	42659	1011327	24	17920469	420	74	42659	121637	3
5	Uttarkashi	11	53	8288	7619	82646	10	3201985	386	4	7619	5846	1
6	Barkot	11	25	2370	849	21225	9	426198	180	24	849	20376	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	997	3407	3407	96576	28	2070775	608	648	3407	67308	20
9	Dehradun (South)	11	1459	107944	107944	2983875	28	46954733	435	561	107944	1199844	11
10	Dehradun (Central)	11	734	4957	4957	88439	18	1628283	328	435	4957	55244	11
11	Srinagar	11	257	24688	12344	358422	15	7646910	310	39	12344	55752	2
12	Pauri	11	180	16929	8010	222105	13	4135525	244	48	1465	14720	1
13	Tehri	11	191	29942	29942	483916	16	25578340	854	586	29942	1291392	43
14	Gopeshwar	11	521	4632	4632	308078	67	6714391	1450	117	4632	86299	19
15	Narayanbagar	11	121	2072	2072	118930	57	1986215	959	12	2072	13860	7
16	Gairsain	11	233	10594	10594	496020	47	13079345	1235	38	10594	85593	8
17	Kotdwar	11	1008	56803	46717	2026631	36	96916743	1706	641	46717	1279568	23
18	Rudraprayag	11	149	3787	1859	41743	11	781905	206	31	1859	6496	2
19	Roorkee(Urban)	11	1854	24562	24562	3252500	132	45341452	1846	92	24562	147372	6
20	Roorkee(Rural)	11	1025	24045	16283	2086259	87	92669430	3854	79	16283	160795	7
21	Ramnagar (Roorkee)	11	538	22863	16027	663257	29	26526588	1160	78	16027	96252	4
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	470	4036	2764	35811	9	1494270	370	169	2764	16278	4
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	1070	23646	20595	1149295	49	25429286	1075	16	20575	16694	1
26	Laksar	11	59	7010	7010	173840	25	2932500	418	15	7010	61080	9
27	Hadwani (Urban)	11	711	97364	19349	990677	10	25930069	266	222	91041	963293	10
28	Haldwani (Rural)	11	102	11572	8196	268711	23	5151763	445	41	8196	83737	7
29	Nainital	11	230	27979	22208	359422	13	12339115	441	106	22208	156123	6
30	Ramnagar	11	422	16959	5615	481425	28	8414205	496	114	5615	154125	9
31	Kashipur	11	744	39753	39753	2512483	63	83044017	2089	287	39753	963269	24
32	Bazpur	11	561	13933	13933	1314055	94	46018320	3303	69	13933	169680	12
33	Jaspur	11	109	11368	11368	319926	28	14012140	1233	87	11368	246318	22
34	Rudrapur-I	11	1804	44270	44270	4600980	104	98013780	2214	69	44270	147130	3
35	Rudrapur-II	11	963	36751	36751	1951745	53	51993753	1415	27	36751	55734	2
36	Sitraganj	11	105	11888	5944	156684	13	6033578	508	0	5944	0	0
37	Khatima	11	287	12656	9185	491150	39	12145925	960	0	9185	0	0
38	Almora	11	531	5748	5748	282725	49	4536111	789	63	5748	32042	6
39	Bageshwar	11	96	4176	4176	400896	96	4994496	1196	44	4176	183744	44
40	Ranikhet	11	128	166	166	8137	49	119753	721	73	166	2324	14
41	Bhikyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	539	36702	12003	770708	21	19745020	538	55	9079	61257	2
43	Dharchula	11	261	10690	7455	195321	18	2951535	276	45	6523	14265	1
44	Champawat	11	175	12494	3848	107930	9	3895435	312	87	3848	69071	6
	UPCL	11	19879	879023	668335	32995257	38	867954238	987	5160	729607	8358312	10

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of June 2022

SI 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	679	41049	41049	1468614	36	20242818	493	459	41049	463120	11
2	Mohanpur	11	885	43710	27995	1946438	45	52693140	1206	415	27995	980946	22
3	Vikasnagar	11	1162	119431	95545	4396570	37	76133319	637	46	95545	293072	2
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	282	19948	18048	281731	14	7283120	365	14	18048	12321	1
6	Barkot	11	493	22594	18708	474065	21	7414849	328	503	18708	476332	21
7	Doiwala	11	667	18979	18979	819988	43	32647201	1720	76	18979	89175	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1929	46916	23458	1207530	26	24277383	517	393	23458	333555	7
12	Pauri	11	1159	69314	21185	1203279	17	28465080	411	423	7110	160285	2
13	Tehri	11	1593	105212	105212	4024495	38	332844854	3164	2827	105212	6470978	62
14	Gopeshwar	11	1173	7984	7984	595137	75	17460182	2187	423	7984	261391	33
15	Narayanbagar	11	655	10044	10044	773200	77	15943321	1587	82	10044	97188	10
16	Gairsain	11	952	22574	22574	1180317	52	28851005	1278	162	22130	185248	8
17	Kotdwar	11	3211	53146	18205	1537947	29	33100297	623	1258	18205	844845	16
18	Rudraprayag	11	1038	11941	7520	431940	36	10538963	883	231	7520	86985	7
19	Roorkee(Urban)	11	1850	24596	24596	2164448	88	103745928	4218	360	24596	418132	17
20	Roorkee(Rural)	11	9077	102130	61641	16456334	161	424978436	4161	219	61641	397041	4
21	Ramnagar (Roorkee)	11	487	24116	17480	851276	35	23084088	957	144	17480	251771	10
22	Bhagwanpur	11	2305	4040	4040	211641	52	9050151	2240	377	4040	34615	9
23	Haridwar(Urban)	11	482	316	246	18928	60	643713	2037	170	246	8052	25
24	Haridwar(Rural)	11	158	10849	9864	194814	18	9289422	856	43	9864	53019	5
25	Jwalapur	11	1077	36724	21465	1168518	32	36591013	996	230	21485	247825	7
26	Laksar	11	1512	126656	126656	11773024	93	471793600	3725	256	126656	2199740	17
27	Hadwani (Urban)	11	125	9100	2002	81049	9	1635200	180	89	9100	274353	30
28	Haldwani (Rural)	11	2310	248532	169428	6770929	27	109218961	439	801	169428	2444044	10
29	Nainital	11	485	47483	17778	313029	7	17991419	379	491	17778	372492	8
30	Ramnagar	11	1360	29448	16411	1012004	34	22611223	768	513	16411	388424	13
31	Kashipur	11	2682	55894	50347	5356927	96	251486857	4499	1113	50347	2229103	40
32	Bazpur	11	2665	38838	38838	5103001	131	176065496	4533	295	38838	674943	17
33	Jaspur	11	603	31456	33024	1306561	42	70811137	2251	277	33024	583598	19
34	Rudrapur-I	11	2324	81837	81837	10961779	134	356727483	4359	94	81837	300336	4
35	Rudrapur-II	11	2185	42191	42191	4714690	112	162418339	3850	38	42191	80092	2
36	Sitraganj	11	979	49230	24615	1382024	28	128734776	2615	0	24615	0	0
37	Khatima	11	866	49212	23998	1502740	31	47568737	967	0	23998	0	0
38	Almora	11	2006	11011	11011	840911	76	21981625	1996	522	11011	233838	21
39	Bageshwar	11	2666	42915	42915	5065061	118	113633260	2648	680	42915	1342015	31
40	Ranikhet	11	1550	9310	9310	545187	59	12992212	1396	639	9310	221410	24
41	Bhikyasain	11	1150	10134	10134	463757	46	9519626	939	407	10134	180401	18
42	Pithoragarh	11	3109	56964	25813	1695293	30	57606315	1011	496	19651	218040	4
43	Dharchula	11	690	22690	12610	495121	22	9135121	403	255	6532	45125	2
44	Champawat	11	950	31867	9901	472035	15	11454289	359	680	9901	354301	11
	UPCL	11	61531	1790380	1324656	101262331	57	3348663956	1870	16501	1305015	24308152	14