

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of July 2021

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	157	7217	7217	357088	49	6370869	883	11	7217	19391	3
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	958	49402	39770	2587837	52	46580816	943	15	39770	37845	1
4	Rishikesh	11	710	36573	36573	826957	23	15063027	412	14	36573	19831	1
5	Uttarkashi	11	113	8288	7619	173670	21	6704720	809	5	7563	6562	1
6	Barkot	11	28	2370	849	23772	10	454215	192	55	849	30810	13
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1076	3062	3062	95412	31	1837200	600	420	3062	39622	13
9	Dehradun (South)	11	1747	98992	98992	3200580	32	50718115	512	520	98992	1186416	12
10	Dehradun (Central)	11	552	2983	2983	42666	14	1080220	362	410	2983	32576	11
11	Srinagar	11	29	599	299	8726	15	247568	413	4	299	1207	2
12	Pauri	11	173	16929	7610	253030	15	3829700	226	27	1315	8735	1
13	Tehri	11	168	29942	29942	335350	11	21887602	731	71	29942	141725	5
14	Gopeshwar	11	488	4421	4421	94091	21	4453688	1007	65	4421	42979	10
15	Narayanbagar	11	60	2072	2072	67872	33	317362	153	33	2072	39186	19
16	Gairsain	11	253	7633	7633	611647	80	10348941	1356	169	7633	68165	9
17	Kotdwar	11	624	56803	46717	1180191	21	32907363	579	555	46717	1087835	19
18	Rudraprayag	11	177	2723	2223	112261	41	2044236	751	47	2233	17835	7
19	Roorkee(Urban)	11	1220	33375	22215	1935750	58	68311473	2047	117	33375	278920	8
20	Roorkee(Rural)	11	630	20835	17180	1803926	87	86030102	4129	184	17180	526861	25
21	Ramnagar (Roorkee)	11	791	22862	17160	1044120	46	22170720	970	164	17160	216480	9
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	449	3183	2249	31130	10	649332	204	153	2249	14451	5
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	1301	26624	24498	882768	33	12893737	484	86	24498	289664	11
26	Laksar	11	129	13290	13290	721820	54	15714405	1182	12	13290	53160	4
27	Hadwani (Urban)	11	877	95436	95436	941382	10	18772310	197	183	95436	880677	9
28	Haldwani (Rural)	11	56	4502	4330	45633	10	896111	199	20	4330	20292	5
29	Nainital	11	294	29100	29100	470886	16	19772034	679	134	29100	211272	7
30	Ramnagar	11	381	16959	16959	431990	25	7907910	466	107	16959	398190	23
31	Kashipur	11	487	39753	39753	1709822	43	46119653	1160	272	39753	925260	23
32	Bazpur	11	441	13609	13609	653232	48	19845602	1458	63	13609	146677	11
33	Jaspur	11	128	11368	11368	363776	32	14689140	1292	20	11368	59716	5
34	Rudrapur-I	11	555	44270	44270	1655042	37	69109310	1561	62	44270	177080	4
35	Rudrapur-II	11	530	22909	22909	957367	42	25999804	1135	27	22909	53467	2
36	Sitraganj	11	170	10059	5030	217193	22	15115476	1503	0	5030	0	0
37	Khatima	11	378	14205	4742	298746	21	5164828	364	0	4742	0	0
38	Almora	11	676	18816	6704	417205	22	9415697	500	109	6704	62883	3
39	Bageshwar	11	116	4176	4176	484416	116	7855056	1881	17	4176	70992	17
40	Ranikhet	11	193	2559	2559	149637	58	2376564	929	70	2559	38220	15
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	485	35418	11521	657520	19	15407359	435	55	8762	60491	2
43	Dharchula	11	286	10525	7595	266565	25	3952535	376	60	6920	23125	2
44	Champawat	11	338	12987	3896	181818	14	3831165	295	50	3896	51948	4
	UPCL	11	18224	836829	718531	26292893	31	696845965	833	4386	719916	7340547	9

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of July 2021

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	1041	40552	40552	2689062	66	43021312	1061	450	40552	592357	15
2	Mohanpur	11	1088	30518	48405	1460286	48	30820128	1010	435	30517	494086	16
3	Vikasnagar	11	478	19459	14201	456425	23	11686903	601	2	14201	325	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	276	19948	18048	289921	15	38045184	1907	16	18048	16585	1
6	Barkot	11	628	20264	17239	332404	16	4336496	214	620	17239	243168	12
7	Doiwala	11	507	21407	18979	838940	39	30104878	1406	75	18979	110460	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	56	1508	754	42554	28	1290422	856	12	754	9119	6
12	Pauri	11	951	63671	24609	1215171	19	31226552	490	669	9940	407655	6
13	Tehri	11	1599	105212	105212	2628656	25	116154048	1104	271	105212	445507	4
14	Gopeshwar	11	1124	7627	7627	204384	27	11723419	1537	348	7627	184938	24
15	Narayanbagar	11	527	10044	10044	417394	42	1896938	189	187	10044	214742	21
16	Gairsain	11	911	22248	22248	1372766	62	25518456	1147	140	22248	215342	10
17	Kotdwar	11	2728	53146	18205	1387026	26	21949364	413	813	18205	548212	10
18	Rudraprayag	11	1140	12850	12129	930870	72	20868400	1624	380	12129	332337	26
19	Roorkee(Urban)	11	1497	27435	27435	1955724	71	63374850	2310	463	27435	604876	22
20	Roorkee(Rural)	11	2910	86622	64967	8315712	96	247132566	2853	705	64967	2544521	29
21	Ramnagar (Roorkee)	11	719	24116	19252	1384219	57	29831492	1237	285	19252	548682	23
22	Bhagwanpur	11	3211	6799	6799	496172	73	18636059	2741	698	6799	107857	16
23	Haridwar(Urban)	11	447	519	338	12191	23	310154	598	236	338	7256	14
24	Haridwar(Rural)	11	138	8974	8159	140743	16	9105444	1015	84	8159	85670	10
25	Jwalapur	11	1215	29166	21882	1018029	35	16750015	574	200	21882	376400	13
26	Laksar	11	1831	141244	141244	8757128	62	389692196	2759	648	141244	4423041	31
27	Hadwani (Urban)	11	362	10424	10424	251904	24	6192403	594	110	10424	315821	30
28	Haldwani (Rural)	11	2323	222861	134707	5277325	24	101867301	457	1421	134707	3706339	17
29	Nainital	11	404	45166	45166	254901	6	15986132	354	354	45166	220208	5
30	Ramnagar	11	1302	29448	29448	1011768	34	24291406	825	524	29448	684434	23
31	Kashipur	11	1609	53494	53494	3296987	62	102914065	1924	602	53494	1171698	22
32	Bazpur	11	2425	36279	36221	3228831	89	77274270	2130	330	36232	644330	18
33	Jasipur	11	937	33024	31456	2142895	65	76087296	2304	366	31456	859729	26
34	Rudrapur-I	11	708	86047	86047	1734814	20	71627326	832	81	86047	167204	2
35	Rudrapur-II	11	1964	42094	42094	4177368	99	47773179	1135	32	42094	84188	2
36	Sitraganj	11	685	38973	19486	839515	22	52472538	1346	0	19486	0	0
37	Khatima	11	1328	48492	17498	1366903	28	47306358	976	0	17498	0	0
38	Almora	11	1930	18816	12112	939659	50	23314856	1239	335	12112	227640	12
39	Bageshwar	11	2735	42900	42900	4204200	98	82453800	1922	483	42900	938035	22
40	Ranikhet	11	1436	10038	10038	576736	57	13062824	1301	456	10038	171743	17
41	Bhikyasain	11	1328	11206	10915	574311	51	16708146	1491	391	10915	185130	17
42	Pithoragarh	11	2577	55872	25451	1351522	24	37933457	679	400	17533	171002	3
43	Dharchula	11	1025	24395	11451	351522	14	19525121	800	425	11252	72522	3
44	Champawat	11	1232	24164	7249	386624	16	4905292	203	241	7249	193312	8
	UPCL	11	51332	1587023	1274485	68313562	43	1985171045	1251	14288	1233822	22326471	14