

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of October 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.
	KV		KW										
1	Raipur Dehradun	11	131	7493	7493	274062	37	3421070	457	42	7493	77989	10
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	727	49402	39770	2133185	43	41450796	839	51	39770	164632	3
4	Rishikesh	11	603	30353	30353	570832	19	12744131	420	26	30353	20516	1
5	Uttarkashi	11	112	8288	7619	165991	20	5272348	636	5	7619	6546	1
6	Barkot	11	27	2370	849	22923	10	466950	197	56	849	21330	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	748	2662	2662	56142	21	1205886	453	606	2662	47224	18
9	Dehradun (South)	11	1476	98992	98992	2920999	30	49342307	498	364	98992	804564	8
10	Dehradun (Central)	11	699	2796	2796	48350	17	1220570	437	469	2796	32544	12
11	Srinagar	11	20	599	299	6127	10	163560	273	2	299	743	1
12	Pauri	11	160	16929	7645	192435	11	4740175	280	15	900	2970	0
13	Tehri	11	168	29942	29942	335350	11	10134369	338	54	29942	107791	4
14	Gopeshwar	11	376	8308	8308	163855	20	9530197	1147	24	8308	28534	3
15	Narayanbagar	11	55	2072	2072	67690	33	314646	152	29	2072	35042	17
16	Gairsain	11	237	7633	7633	574351	75	11985419	1570	26	7633	58049	8
17	Kotdwar	11	552	56803	46717	1091803	19	27708844	488	884	46717	1461487	26
18	Rudraprayag	11	124	2723	2223	87578	32	2514209	923	41	2233	12646	5
19	Roorkee(Urban)	11	815	32550	21940	1276937	39	55916250	1718	116	32550	269700	8
20	Roorkee(Rural)	11	312	20835	17180	670030	32	33039768	1586	54	17180	115967	6
21	Ramnagar (Roorkee)	11	423	22862	20088	653633	29	28001127	1225	146	20088	225604	10
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	544	2154	1731	29510	14	799996	371	103	1731	6656	3
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	769	25748	23622	458302	18	8616311	335	32	23622	223936	9
26	Laksar	11	55	4970	4970	135520	27	1750170	352	27	4970	75280	15
27	Hadwani (Urban)	11	810	95436	95436	721017	8	15149570	159	117	95436	460071	5
28	Hadwani (Rural)	11	46	6765	3718	24293	4	438598	65	13	3718	11431	2
29	Nainital	11	170	29200	29200	359102	12	13550169	464	42	29200	57812	2
30	Ramnagar	11	212	16959	16959	247665	15	6132365	362	88	16959	357922	21
31	Kashipur	11	486	39753	39753	1778599	45	70172326	1765	197	39753	685586	17
32	Bazpur	11	302	13691	13691	691235	50	33033674	2413	70	13691	164573	12
33	Jaspur	11	66	11368	11368	193256	17	15455310	1360	18	11368	50152	4
34	Rudrapur-I	11	608	44270	44270	1320490	30	53771200	1215	89	44270	177080	4
35	Rudrapur-II	11	542	22909	22909	1021283	45	87130303	3803	26	22909	55734	2
36	Sitraganj	11	56	8002	4001	58223	7	3253853	407	0	4001	0	0
37	Khatima	11	304	14205	4092	207328	15	5350290	377	0	4092	0	0
38	Almora	11	918	18218	7271	563493	31	18579120	1020	90	7271	50963	3
39	Bageshwar	11	165	4176	4176	689040	165	7675488	1838	9	4176	37584	9
40	Ranikhet	11	210	3384	3384	235653	70	4485899	1326	60	3384	42811	13
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	427	35744	11636	586490	16	16512358	462	51	8981	56186	2
43	Dharchula	11	249	10605	7255	185811	18	2765204	261	35	5630	14525	1
44	Champawat	11	343	12987	3896	181818	14	2792205	215	56	3896	38961	3
	UPCL	11	15047	824155	707919	21000400	25	666587032	809	4133	707514	6061141	7

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of October 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	885	40564	40564	2287114	56	21528394	531	573	40564	689730	17
2	Mohanpur	11	625	30515	48405	954204	31	25934088	850	342	30515	402493	13
3	Vikasnagar	11	351	19459	14201	323792	17	788445	41	0	14201	0	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	261	19948	18048	266511	13	63655296	3191	17	18048	18311	1
6	Barkot	11	640	20264	17239	380673	19	5127183	253	620	17239	263432	13
7	Doiwala	11	481	18979	18979	643009	34	13112022	691	83	18979	109509	6
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	45	1516	758	34296	23	860459	568	6	758	4698	3
12	Pauri	11	981	63671	24435	1344724	21	30239825	475	349	8130	180845	3
13	Tehri	11	1599	105212	105212	2628656	25	98177591	933	253	105212	415916	4
14	Gopeshwar	11	966	10057	10057	286554	28	20084296	1997	196	10057	126963	13
15	Narayanbagar	11	505	10044	10044	406898	41	1899270	189	164	10044	191912	19
16	Gairsain	11	883	22248	22248	845424	38	37511524	1686	68	22248	125288	6
17	Kotdwara	11	1748	53146	40314	1801236	34	28216501	531	497	40314	1046314	20
18	Rudraprayag	11	864	12850	12129	699763	54	18583463	1446	262	12129	232135	18
19	Roorkee(Urban)	11	1547	23849	23849	1756876	74	46600946	1954	377	23849	204343	9
20	Roorkee(Rural)	11	2868	106632	79974	5971392	56	229791960	2155	837	79974	2625029	25
21	Ramnagar (Roorkee)	11	482	24116	20376	940524	39	41188046	1708	188	20376	383069	16
22	Bhagwanpur	11	2154	5795	5795	283692	49	15159246	2616	510	5795	67169	12
23	Haridwar(Urban)	11	434	222	171	12525	56	381485	1718	191	171	7097	32
24	Haridwar(Rural)	11	150	7727	7025	131719	17	7553631	978	152	7025	133475	17
25	Jwalapur	11	731	27747	20426	661077	24	9066489	327	280	20426	719280	26
26	Laksar	11	1497	72515	72515	3045630	42	182157680	2512	389	72515	1497875	21
27	Hadwani (Urban)	11	206	10424	10424	117194	11	2061988	198	74	10424	197632	19
28	Haldwani (Rural)	11	1893	222942	114099	3403386	15	86680036	389	845	114099	1702189	8
29	Nainital	11	453	46997	46997	286670	6	5484343	117	236	46997	151239	3
30	Ramnagar	11	1047	29448	29448	808763	27	20183982	685	408	29448	625548	21
31	Kashipur	11	1108	53494	53494	2309179	43	125575142	2347	432	53494	796678	15
32	Bazpur	11	1684	38132	38186	3175227	83	134400960	3525	218	38132	448777	12
33	Jaspur	11	688	33024	31456	1386126	42	71038280	2151	272	31456	536277	16
34	Rudrapur-I	11	784	86047	86047	3064487	36	110700580	1287	81	86047	269495	3
35	Rudrapur-II	11	1559	42191	42191	2911179	69	112189738	2659	38	42191	84382	2
36	Sitraganj	11	405	25560	12780	350778	14	17007987	665	0	12780	0	0
37	Khatima	11	1171	48492	13504	930187	19	29395031	606	0	13504	0	0
38	Almora	11	1814	18218	10947	809564	44	29460165	1617	260	10947	135902	7
39	Bageshwar	11	3740	42902	42902	3732474	87	67828062	1581	258	42902	484411	11
40	Ranikhet	11	1467	10347	10347	569085	55	17941796	1734	304	10347	140816	14
41	Bhikiyasain	11	1024	9497	9497	426913	45	20254457	2133	243	9497	101292	11
42	Pithoragarh	11	2218	56216	25562	1236902	22	45360748	807	311	19382	125656	2
43	Dharchula	11	832	24445	11562	536902	22	11525121	471	210	7925	60251	2
44	Champawat	11	1234	24164	7249	459116	19	5050276	209	254	7249	217476	9
	UPCL	11	44024	1519616	1209455	52220420	34	1809756532	1191	10798	1165389	15522905	10