

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of May 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	161	7217	7217	312633	43	8307686	1151	32	7217	123462	17
2	Mohanpur	11	-	-	-	-	-	-	-	-	-	-	-
3	Vikasnagar	11	551	49402	39770	1548359	31	26987738	546	14	39770	38388	1
4	Rishikesh	11	476	30033	30033	463537	15	9583587	319	26	30033	16265	1
5	Uttarkashi	11	76	8288	7619	121506	15	1211421	146	5	7563	7603	1
6	Barkot	11	29	2370	849	24621	10	441480	186	70	849	21330	9
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	832	2036	2036	53099	26	861228	423	373	2036	20401	10
9	Dehradun (South)	11	1247	98992	98992	2270849	23	42787541	432	347	98992	767005	8
10	Dehradun (Central)	11	522	2913	2913	39290	13	820307	282	355	2913	25553	9
11	Srinagar	11	22	599	299	6684	11	196792	329	2	299	743	1
12	Pauri	11	168	16929	8020	234885	14	5538225	327	41	1820	13175	1
13	Tehri	11	168	29942	29942	335350	11	10765147	360	50	29942	99807	3
14	Gopeshwar	11	367	6089	6089	104407	17	8206183	1348	54	6089	50170	8
15	Narayanbagar	11	56	2072	2072	60872	29	320540	155	42	2072	50652	24
16	Gairsain	11	162	7633	7633	402148	53	13487851	1767	8	7633	19596	3
17	Kotdwar	11	696	56803	46717	1383419	24	35399903	623	476	46717	960212	17
18	Rudraprayag	11	199	2723	2223	156809	58	2980420	1095	35	2233	26059	10
19	Roorkee(Urban)	11	896	31450	21665	1386316	44	55846214	1776	78	31450	175221	6
20	Roorkee(Rural)	11	461	20835	17180	1320016	63	53599517	2573	161	17180	461003	22
21	Ramnagar (Roorkee)	11	366	22862	20553	578646	25	22374312	979	147	20553	232407	10
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	353	1878	1378	18949	10	547625	292	213	1378	13052	7
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	926	24192	23390	841396	35	11367579	470	66	23390	596672	25
26	Laksar	11	59	4910	4910	154500	31	3139890	639	24	4910	65960	13
27	Hadwani (Urban)	11	1048	95436	95436	796288	8	12663553	133	143	95436	706654	7
28	Hadwani (Rural)	11	44	3329	2010	21345	6	360604	108	3	2010	1715	1
29	Nainital	11	298	29087	29087	482838	17	16732450	575	98	29087	150453	5
30	Ramnagar	11	293	16959	16959	288750	17	3926400	232	80	16959	260891	15
31	Kashipur	11	445	39753	39753	1628660	41	47055011	1184	190	39753	655579	16
32	Bazpur	11	259	13587	13587	578976	43	17775786	1308	77	13587	188394	14
33	Jaspur	11	69	11368	11368	204624	18	6188080	544	24	11368	68788	6
34	Rudrapur-I	11	523	44270	44270	1585053	36	54941280	1241	62	44270	88540	2
35	Rudrapur-II	11	673	34894	34894	1343070	38	31866110	913	31	34894	43435	1
36	Sitraganj	11	132	9221	4611	145786	16	11813002	1281	0	4611	0	0
37	Khatima	11	353	14205	4049	238216	17	5891295	415	0	4049	0	0
38	Almora	11	560	17472	6702	354756	20	5781222	331	99	6702	55830	3
39	Bageshwar	11	93	4176	4176	388368	93	4627008	1108	19	4176	79344	19
40	Ranikhet	11	186	2607	2607	152580	59	2197844	843	90	2607	46978	18
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	595	35328	11493	768631	22	14404632	408	56	8918	61401	2
43	Dharchula	11	248	10525	6995	192626	18	3852531	366	50	6510	23045	2
44	Champawat	11	373	12987	3896	194805	15	3324672	256	84	3896	64935	5
	UPCL	11	14985	825371	713394	21183663	26	558172666	676	3725	713873	6280718	8

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of May 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.
	KV	KW											
1	Raipur Dehradun	11	870	39473	39473	2002307	51	33846380	857	560	39473	698965	18
2	Mohanpur	11	725	30516	48405	1011911	33	25085067	822	225	30516	328352	11
3	Vikasnagar	11	388	19459	14201	356254	18	5099381	262	0	14201	0	0
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	182	18899	17139	200265	11	7746828	410	18	17139	19625	1
6	Barkot	11	632	20264	17239	374701	18	5025472	248	630	17239	303960	15
7	Doiwala	11	577	18979	18979	783453	41	11084685	584	74	18979	99450	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	43	1418	709	30769	22	1105936	780	15	709	10549	7
12	Pauri	11	1285	63671	32715	2431060	38	70130845	1101	414	11560	344330	5
13	Tehri	11	1599	105212	105212	2628656	25	95902382	912	291	105212	478386	5
14	Gopeshwar	11	832	7595	7595	157324	21	9903984	1304	303	7595	147189	19
15	Narayanbagar	11	499	10044	10044	402454	40	1901992	189	203	10044	240144	24
16	Gairsain	11	825	22248	22248	1203454	54	28069767	1262	165	22248	258712	12
17	Kotdwar	11	2811	53146	18205	1399482	26	38259851	720	870	18205	546003	10
18	Rudraprayag	11	1178	12850	12129	954739	74	21893438	1704	238	12129	177181	14
19	Roorkee(Urban)	11	1696	25444	25444	1628416	64	47554836	1869	428	25444	518573	20
20	Roorkee(Rural)	11	2216	86622	64967	6150162	71	189182448	2184	679	64967	2450681	28
21	Ramnagar (Roorkee)	11	474	24116	21540	1020996	42	36951870	1532	205	21540	441570	18
22	Bhagwanpur	11	2753	5482	5482	342999	63	10563814	1927	702	5482	87463	16
23	Haridwar(Urban)	11	411	290	152	11487	40	327816	1130	189	152	6366	22
24	Haridwar(Rural)	11	110	7535	6849	94174	12	2028160	269	108	6849	92462	12
25	Jwalapur	11	864	28561	21277	802719	28	11582986	406	170	21277	617090	22
26	Laksar	11	1320	90696	90696	6594033	73	209235672	2307	237	90696	1154095	13
27	Hadwani (Urban)	11	201	10424	10424	99873	10	9329777	895	49	10424	104617	10
28	Haldwani (Rural)	11	2088	222819	109466	3740333	17	69301721	311	953	109466	1869040	8
29	Nainital	11	937	45053	45053	610450	14	21334517	474	323	45053	198216	4
30	Ramnagar	11	1182	29448	29448	919586	31	27565953	936	406	29448	685495	23
31	Kashipur	11	1212	53494	53494	2501547	47	66707018	1247	547	53494	955324	18
32	Bazpur	11	1379	36245	36245	2719440	75	93363098	2576	229	36208	498045	14
33	Jaspur	11	644	33024	31456	1300687	39	69953390	2118	285	31456	578094	18
34	Rudrapur-I	11	596	86047	86047	1512540	18	50502865	587	81	86047	167204	2
35	Rudrapur-II	11	1822	42094	42094	3683298	88	72570056	1724	35	42094	75154	2
36	Sitraganj	11	772	30392	15196	755944	25	51243212	1686	0	15196	0	0
37	Khatima	11	981	48492	14698	848161	17	28163962	581	0	14698	0	0
38	Almora	11	2613	17472	10770	1101451	63	33057863	1892	444	10770	256166	15
39	Bageshwar	11	1960	39939	39939	2196645	55	73053029	1829	439	39939	894995	22
40	Ranikhet	11	1640	8987	8987	603453	67	13988305	1557	408	8987	157056	17
41	Bhikiyasain	11	1581	9546	9335	569466	60	18672101	1956	503	9335	200199	21
42	Pithoragarh	11	3545	55784	25422	1765809	32	43197619	774	379	19401	160396	3
43	Dharchula	11	860	24356	11360	765809	31	10256251	421	340	9925	60950	3
44	Champawat	11	1286	24164	7249	459116	19	6185984	256	314	7249	169148	7
	UPCL	11	47589	1510300	1187382	56735423	38	1620930331	1073	12459	1140845	16051245	11