

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

Sl No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI 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	102	2845	2845	53975	19	935570	329	92	2845	40870	14
2	Mohanpur	11	35	5620	3091	108185	19	4451040	792	8	3091	24728	4
3	Vikasnagar	11	258	46556	37245	1479434	32	25267035	543	11	37245	71580	2
4	Rishikesh	11	713	38797	38797	950322	24	23238517	599	14	38797	24848	1
5	Uttarkashi	11	86	8288	7619	135944	16	880326	106	4	7619	6490	1
6	Barkot	11	27	2370	849	22923	10	352335	149	23	849	19527	8
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	889	3046	3046	66715	22	1998294	656	502	3046	42025	14
9	Dehradun (South)	11	1176	105580	105580	2352557	22	53986991	511	328	105580	693237	7
10	Dehradun (Central)	11	639	3559	3559	56051	16	1669178	469	386	3559	32244	9
11	Srinagar	11	133	18888	9444	138732	7	2703640	143	23	9444	29129	2
12	Pauri	11	133	16935	5077	115235	7	2736870	162	46	354	2990	0
13	Tehri	11	173	32748	32748	394083	12	18117200	553	509	32748	939077	29
14	Gopeshwar	11	414	5992	5992	368531	62	7430579	1240	56	5992	52437	9
15	Narayanbagar	11	127	1760	1760	111034	63	1110340	631	12	1760	12012	7
16	Gairsain	11	130	7633	7633	310108	41	5365246	703	16	7633	36330	5
17	Kotdwar	11	890	56803	46717	1784454	31	63676163	1121	675	46717	1357575	24
18	Rudraprayag	11	200	4207	2587	98991	24	1156699	275	46	2183	23057	5
19	Roorkee(Urban)	11	1750	33840	33840	4230000	125	62028720	1833	93	33840	224698	7
20	Roorkee(Rural)	11	490	24045	18034	1104583	46	53143944	2210	62	18034	139764	6
21	Ramnagar (Roorkee)	11	338	20730	17547	494231	24	19549904	943	82	17547	119902	6
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	461	2316	1654	23247	10	608510	263	111	1654	6429	3
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	742	23646	20588	804023	34	14982824	634	28	20588	28963	1
26	Laksar	11	49	5180	5180	120300	23	3749220	724	6	5180	23400	5
27	Hadwani (Urban)	11	873	124318	14717	780722	6	14252898	115	103	112916	519032	4
28	Haldwani (Rural)	11	107	12874	5310	152698	12	4912069	382	18	5310	18100	1
29	Nainital	11	168	28070	22028	253487	9	11704657	417	41	22028	58912	2
30	Ramnagar	11	315	16959	5615	451574	27	8626410	509	85	5615	334201	20
31	Kashipur	11	431	39753	39753	1449952	36	68187965	1715	196	39753	687587	17
32	Bazpur	11	326	14086	14086	771542	55	21556233	1530	85	14086	212236	15
33	Jasur	11	69	11368	11368	206122	18	11742620	1033	15	11368	43516	4
34	Rudrapur-I	11	965	44270	44270	2340640	53	66936240	1512	49	44270	105820	2
35	Rudrapur-II	11	725	37237	37237	1486598	40	47433046	1274	28	37237	56090	2
36	Sitraganj	11	69	8916	4458	78723	9	2790927	313	0	4458	0	0
37	Khatima	11	220	7262	5720	331320	46	8983700	1237	0	5720	0	0
38	Almora	11	724	9408	9408	587876	62	21951692	2333	61	9408	47236	5
39	Bageshwar	11	324	5313	5313	918447	173	1738122	327	45	5313	84594	16
40	Ranikhet	11	192	3400	3400	198373	58	3193313	939	47	3400	42324	12
41	Bhikyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	635	37176	12155	899202	24	21882460	589	32	9200	37573	1
43	Dharchula	11	165	10735	6580	215232	20	2650152	247	45	6580	15502	1
44	Champawat	11	220	11335	3548	114202	10	3503139	309	94	3548	64301	6
	UPCL	11	16483	893864	656398	26560369	30	691184789	773	4077	746514	6278335	7

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

SI No	Name of Electricity Distribution Division	Feeder Voltage	Nos of Outages > 5 Min	Total Connected Load KW	Affected Load KW	SAIFI Calculation				MAIFI Calculation			
						$\Sigma Ai \times Ni$ for Division	SAIFI	$\Sigma Bi \times Ni$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\Sigma Ci \times Ni$ for Division	MAIFI
							Nos.		Min				Nos.
1	Raipur Dehradun	11	674	45976	45976	1501412	33	22845675	497	418	45976	518493	11
2	Mohanpur	11	534	43900	28131	1127465	26	26567592	605	352	28131	670831	15
3	Vikasnagar	11	1084	119431	95545	3874778	32	63396316	531	21	95545	137721	1
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	241	19948	18048	241739	12	2001787	100	14	18048	16872	1
6	Barkot	11	650	24419	20198	548140	22	6870094	281	724	20198	646596	26
7	Doiwala	11	357	25514	25514	451386	18	9752402	382	65	25514	82742	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1645	58316	29158	1176756	20	30541429	524	259	29158	230611	4
12	Pauri	11	823	69314	15675	699079	10	14183755	205	236	2385	37590	1
13	Tehri	11	1334	107536	107536	3040950	28	192363692	1789	1628	107536	2802390	26
14	Gopeshwar	11	880	9700	9700	630586	65	23095747	2381	224	9700	183885	19
15	Narayanbagar	11	920	11506	11506	1049396	91	10493960	912	99	11506	109723	10
16	Gairsain	11	663	35535	25535	834716	23	18159247	511	124	25535	147852	4
17	Kotdwar	11	2327	53146	18205	1104632	21	16315871	307	603	18205	375982	7
18	Rudraprayag	11	970	13152	9511	448337	34	9211501	700	185	9511	94008	7
19	Roorkee(Urban)	11	1920	25890	25890	2366864	91	101799480	3932	520	25890	641036	25
20	Roorkee(Rural)	11	2486	84482	63362	6563247	78	278452672	3296	580	63362	1531248	18
21	Ramnagar (Roorkee)	11	589	29711	22805	895476	30	20971478	706	234	22805	355758	12
22	Bhagwanpur	11	2030	3286	3286	151604	46	6505832	1980	411	3286	30694	9
23	Haridwar(Urban)	11	480	251	161	12646	50	416675	1660	127	161	4106	16
24	Haridwar(Rural)	11	118	7610	6919	102055	13	6878351	904	81	6919	70055	9
25	Jwalapur	11	1141	29807	21250	1132380	38	35186722	1180	74	21290	49056	2
26	Laksar	11	1080	68876	68876	4184967	61	190913349	2772	206	68876	788058	11
27	Hadwani (Urban)	11	196	9100	1645	105457	12	1491589	164	64	9100	176173	19
28	Haldwani (Rural)	11	1572	255458	114434	2794665	11	50683785	198	742	114434	1464213	6
29	Nainital	11	449	48797	18084	289655	6	5682188	116	231	18084	144059	3
30	Ramnagar	11	1189	29448	16411	907267	31	25372395	862	365	16411	665940	23
31	Kashipur	11	1316	55894	50347	2439494	44	115066840	2059	532	50347	902169	16
32	Bazpur	11	1850	39682	40205	3696778	93	195354486	4923	241	40205	590113	15
33	Jaspur	11	566	33024	33024	1235388	37	62134330	1881	212	33024	410566	12
34	Rudrapur-I	11	1556	81837	81837	6207920	76	224168623	2739	71	81837	196941	2
35	Rudrapur-II	11	1568	42191	42191	3293127	78	91849246	2177	38	42191	80092	2
36	Sitraganj	11	680	32846	16423	680621	21	45687382	1391	0	16423	0	0
37	Khatima	11	1092	50727	12735	981291	19	31789185	627	1	12735	284	0
38	Almora	11	1714	12939	12939	848311	66	33889907	2619	239	12939	124400	10
39	Bageshwar	11	4447	42744	42744	6825675	160	33047499	773	384	42744	647278	15
40	Ranikhet	11	1552	11725	11725	955258	81	18401442	1569	306	11725	182405	16
41	Bhikiyasain	11	1031	8341	8341	337181	40	12655076	1517	328	8341	99917	12
42	Pithoragarh	11	2479	57408	25958	1418887	25	63541793	1107	288	22206	124145	2
43	Dharchula	11	660	22760	13270	502311	22	8921122	392	265	13270	42112	2
44	Champawat	11	857	29826	9280	412880	14	8569729	287	527	9280	253677	9
	UPCL	11	47720	1752052	1224379	66070778	38	2115230243	1207	12019	1214831	15629791	9