

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of September 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
		KV	KW		Nos.		Min		Nos.				
1	Raipur Dehradun	11	692	45976	45976	1526928	33	22880769	498	442	45976	575120	13
2	Mohanpur	11	51	5620	3091	157641	28	4157395	740	9	3091	27819	5
3	Vikasnagar	11	263	46556	37245	1469499	32	29544585	635	19	37245	122429	3
4	Rishikesh	11	783	42783	42783	1108242	26	26239674	613	14	42783	24848	1
5	Uttarkashi	11	78	8288	7619	124216	15	864854	104	4	7619	6450	1
6	Barkot	11	25	2370	849	21225	9	348090	147	22	849	18678	8
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1062	3012	3012	88907	30	1848780	614	656	3012	60996	20
9	Dehradun (South)	11	1484	105580	105580	2924907	28	49777510	471	343	105580	713873	7
10	Dehradun (Central)	11	873	3795	3795	82792	22	1708082	450	406	3795	37217	10
11	Srinagar	11	234	18888	9444	257386	14	5004215	265	56	9444	65671	3
12	Pauri	11	193	16935	7657	240080	14	5390340	318	42	520	3980	0.2
13	Tehri	11	177	32748	32748	389868	12	18501724	565	501	32748	965482	29
14	Gopeshwar	11	416	5182	5182	272629	53	9436895	1821	99	5182	78380	15
15	Narayanbagar	11	135	1760	2388	158410	90	219482	125	10	2388	15276	9
16	Gairsain	11	198	10594	10594	432921	41	7218570	681	24	10594	45195	4
17	Kotdwar	11	890	56803	46717	1784454	31	70838115	1247	675	46717	1357575	24
18	Rudraprayag	11	181	4078	1827	57913	14	1390842	341	43	1827	9848	2
19	Roorkee(Urban)	11	1678	32850	32850	3909150	119	57651750	1755	89	32850	208598	6
20	Roorkee(Rural)	11	690	24045	18034	1555433	65	59391150	2470	85	18034	191611	8
21	Ramnagar (Roorkee)	11	410	20658	16087	549628	27	27693185	1341	110	16087	147461	7
22	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
23	Haridwar(Urban)	11	487	3030	2040	28288	9	685004	226	131	2040	9934	3
24	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
25	Jwalapur	11	900	23646	20588	949419	40	21095985	892	23	20588	23835	1
26	Laksar	11	53	7900	7900	252120	32	6073320	769	18	7900	108480	14
27	Hadwani (Urban)	11	939	124318	15708	824226	7	17297938	139	109	112916	532982	4
28	Haldwani (Rural)	11	154	11634	6557	259390	22	4506068	387	35	6557	61537	5
29	Nainital	11	202	28055	28055	299567	11	9295910	331	64	28055	78025	3
30	Ramnagar	11	449	16959	5615	523570	31	10363650	611	98	16959	369464	22
31	Kashipur	11	733	39753	39753	2468187	62	74536875	1875	247	39753	808948	20
32	Bazpur	11	363	14035	14035	813005	58	28898205	2059	85	14035	204843	15
33	Jaspur	11	63	11368	11368	181618	16	4692900	413	8	11368	24316	2
34	Rudrapur-I	11	1556	44270	44270	3861000	87	67290400	1492	58	44270	121720	3
35	Rudrapur-II	11	978	37237	37237	1988359	53	53268220	1431	28	37237	56090	2
36	Sitraganj	11	92	10593	5296	124638	12	4503131	425	0	5296	0	0
37	Khatima	11	189	7159	5500	239800	33	4029300	563	0	5500	0	0
38	Almora	11	661	8225	8225	461448	56	11975058	1456	67	8225	46367	6
39	Bageshwar	11	402	5313	5313	1165161	219	2781633	524	67	5313	176466	33
40	Ranikhet	11	202	2915	2915	193668	66	2394709	822	33	2915	26609	9
41	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
42	Pithoragarh	11	583	37080	12122	835317	23	13763685	371	53	9176	60268	2
43	Dharchula	11	180	10720	7640	224575	21	2913345	272	50	7640	15462	1
44	Champawat	11	214	12849	3918	165251	13	3984692	310	94	3918	73848	6
	UPCL	11	19913	945580	717534	32970835	35	744456036	787	4917	816003	7475700	8

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of September 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			
						$\sum A_i \times N_i$ 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	100	2845	2845	52960	19	943925	332	98	2845	26775	9
2	Mohanpur	11	748	43900	28131	1559137	36	34510901	786	453	28131	920749	21
3	Vikasnagar	11	1026	119431	95545	3744444	31	67083878	562	33	95545	217271	2
4	Rishikesh	11	-	-	-	-	-	-	-	-	-	-	-
5	Uttarkashi	11	262	19948	18048	258558	13	2117253	106	17	18048	18326	1
6	Barkot	11	618	24419	20198	537640	22	6836726	280	702	20198	626799	26
7	Doiwala	11	564	25514	25514	797111	31	24541522	962	97	25514	135704	5
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1901	52716	26358	1216770	23	31055952	589	442	26358	341360	6
12	Pauri	11	1095	69314	17905	977949	14	29353085	423	363	3590	71110	1
13	Tehri	11	1368	107536	107536	3225828	30	145388672	1352	1648	107536	2828826	26
14	Gopeshwar	11	975	8567	8567	620400	72	26041602	3040	362	8567	240484	28
15	Narayanbagar	11	968	11506	10211	1008946	88	1523892	132	110	10211	114696	10
16	Gairsain	11	749	22574	22574	971343	43	22052194	977	172	22574	190042	8
17	Kotdwar	11	3005	53146	18205	1475991	28	26163320	492	1002	18205	679201	13
18	Rudraprayag	11	1219	12171	8031	529047	43	13977428	1148	198	8031	78945	6
19	Roorkee(Urban)	11	1860	25420	25420	2251449	89	101120760	3978	545	25420	636263	25
20	Roorkee(Rural)	11	3053	84482	63362	8060174	95	248630526	2943	732	63362	1932541	23
21	Ramnagar (Roorkee)	11	769	29583	21523	1103412	37	24424300	826	391	21523	561033	19
22	Bhagwanpur	11	2194	4216	4216	210225	50	9878088	2343	419	4216	40148	10
23	Haridwar(Urban)	11	514	383	308	37244	97	874061	2285	229	308	16073	42
24	Haridwar(Rural)	11	147	9425	8567	157419	17	7461857	792	90	8567	96379	10
25	Jwalapur	11	1506	29807	21250	1498926	50	46568575	1562	63	21290	43825	1
26	Laksar	11	1332	118222	118222	8965107	76	285742574	2417	270	118222	1706297	14
27	Hadwani (Urban)	11	269	9100	1768	169437	19	4051646	445	78	9100	252331	28
28	Hadwani (Rural)	11	2063	254930	124416	4007921	16	79251709	311	691	124416	1311735	5
29	Nainital	11	441	47499	47499	265785	6	5381233	113	205	47499	123813	3
30	Ramnagar	11	1389	29448	16411	1028041	35	28042740	952	455	29294	715115	24
31	Kashipur	11	1702	55894	50347	3158936	57	100385624	1796	677	50347	1174956	21
32	Bazpur	11	2306	40081	39481	4761630	119	137036939	3419	261	39481	625500	16
33	Jaspur	11	606	31456	33024	1301029	41	66566975	2116	227	33024	483523	15
34	Rudrapur-I	11	2070	81837	81837	9606583	117	246493044	3012	70	81837	220919	3
35	Rudrapur-II	11	2090	42191	42191	4422849	105	102650703	2433	38	42191	80092	2
36	Sitraganj	11	856	43850	21925	1084242	25	71084917	1621	0	21925	0	0
37	Khatima	11	986	48492	18026	1309662	27	34705656	716	0	18026	0	0
38	Almora	11	2031	10927	10927	838598	77	20103808	1840	378	10927	161410	15
39	Bageshwar	11	5282	46810	46810	8943037	191	41841860	894	689	46810	1176163	25
40	Ranikhet	11	1635	11418	11418	911854	80	19332631	1693	482	11418	239798	21
41	Bhikiyasain	11	1184	8902	8902	397911	45	9153329	1028	413	8902	155932	18
42	Pithoragarh	11	2685	57297	25921	1459673	25	31634356	552	604	20228	270406	5
43	Dharchula	11	675	22750	13268	512232	23	9334212	410	270	13268	47320	2
44	Champawat	11	840	31118	9713	433610	14	9713534	312	533	9713	314178	10
	UPCL	11	55083	1749125	1276418	83873110	48	2173056006	1242	14507	1276665	18876036	11