

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Urban Feeders of UPCL for the month of November 2023

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			
						$\sum Ai \times Ni$ for Division	SAIFI	$\sum Bi \times Ni$ for Division	SAIDI	Nos of Outages < 5 Min	Affected Load KW	$\sum Ci \times Ni$ for Division	MAIFI
						KV	Nos.	Min	Nos.				
1	Raipur Dehradun	11	63	7239	5067	136985	19	3710955	513	27	5067	69815	10
2	Mohanpur	11	10	5620	3091	30910	6	510015	91	9	3091	27819	5
3	Vikasnagar	11	159	46556	37245	917885	20	18202265	391	13	37245	87617	2
4	Rishikesh	11	250	17228	12921	183089	11	4395073	255	23	12921	13985	1
5	Uttarkashi	11	181	10022	6013	139928	14	1730347	173	14	6013	9728	1
6	Barkot	11	21	2370	849	17829	8	323469	136	3	849	2547	1
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	679	3703	2592	73208	20	2135160	577	380	2592	33173	9
9	Dehradun (South)	11	1142	109927	71453	1471677	13	41666396	379	292	71453	406823	4
10	Dehradun (Central)	11	563	3485	2962	39953	11	1123149	322	286	2962	21434	6
11	Srinagar	11	121	18888	13222	163504	9	2637255	140	15	13222	18677	1
12	Pauri	11	128	16929	10157	206991	12	4043664	239	19	10157	24744	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	146	29942	23954	262085	9	11968272	400	400	23954	789428	26
15	Gopeshwar	11	253	7012	4172	132200	19	2479207	354	15	4172	4876	1
16	Narayanbagar	11	60	1760	610	16750	10	1017630	578	11	610	2580	1
17	Gairsain	11	199	10594	7416	304315	29	7262990	686	30	7416	49858	5
18	Kotdwar	11	337	64959	48719	628490	10	24974029	384	292	48719	560185	9
19	Rudraprayag	11	121	4034	2367	42626	11	539938	134	29	2367	5205	1
20	Roorkee(Urban)	11	1652	31980	23985	1247220	39	32779500	1025	80	23985	182606	6
21	Roorkee(Rural)	11	527	21545	16159	710985	33	25810910	1198	55	16159	126964	6
22	Ramnagar (Roorkee)	11	214	20856	19686	442766	21	8694500	417	48	19686	78743	4
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	381	1911	1484	19413	10	576093	301	73	1484	4376	2
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	705	23646	14188	537083	23	17611893	745	25	14188	30326	1
27	Laksar	11	78	16763	8739	362599	22	14308504	854	26	8739	120866	7
28	Hadwani (Urban)	11	522	124318	49727	1385194	11	24251582	195	31	49727	76848	1
29	Haldwani (Rural)	11	102	11893	5482	177669	15	4481788	377	24	5482	44584	4
30	Nainital	11	164	29845	23876	245138	8	12110818	406	40	23876	59391	2
31	Ramnagar	11	172	21573	8229	259395	12	3505494	162	40	8229	58567	3
32	Kashipur	11	699	39753	29815	1910636	48	24978060	628	176	29815	501393	13
33	Bazpur	11	232	14756	8854	345203	23	6981302	473	79	8854	133046	9
34	Jasgur	11	55	11368	7958	112218	10	5520088	694	16	7958	34549	3
35	Rudrapur-I	11	475	35990	25193	1007720	28	35592222	989	51	25193	91880	3
36	Rudrapur-II	11	613	41204	30903	988896	24	25216848	612	29	30903	58640	1
37	Sitraganj	11	50	7346	5143	65423	9	3574582	487	0	5143	0	0
38	Khatima	11	110	8422	5895	94695	11	1631907	194	0	5895	0	0
39	Almora	11	428	9700	5335	221754	23	5500112	567	53	5335	26988	3
40	Bageshwar	11	224	8752	3851	234524	27	4929193	563	49	3851	42904	5
41	Ranikhet	11	101	3417	2050	61533	18	1128857	330	31	2050	14644	4
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	268	38610	12614	387153	10	11025235	286	21	12614	30867	1
44	Dharchula	11	295	11270	7601	218821	19	6101212	541	90	7601	16724	1
45	Champawat	11	142	13795	4139	111875	8	3474749	252	50	4139	33563	2
	<b>UPCL</b>	<b>11</b>	<b>12642</b>	<b>908982</b>	<b>573714</b>	<b>15916336</b>	<b>18</b>	<b>408505263</b>	<b>449</b>	<b>2945</b>	<b>573714</b>	<b>3896961</b>	<b>4</b>

## Distribution System Reliability Indices (SAIFI, SAIDI &amp; MAIFI) of Rural Feeders of UPCL for the month of November 2023

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
		KV	KW	Nos.	Min			Nos.					
1	Raipur Dehradun	11	653	41049	28734	1451365	35	19931958	486	440	28734	442256	11
2	Mohanpur	11	437	43475	27854	822791	19	15023701	346	308	27854	524675	12
3	Vikasnagar	11	769	119431	95545	2720480	23	40363060	338	21	95545	139340	1
4	Rishikesh	11	202	15991	11993	243918	15	6644832	416	0	11993	0	0
5	Uttarkashi	11	599	17246	7761	370094	21	8427339	489	147	7761	95736	6
6	Barkot	11	588	24419	18266	450279	18	5591458	229	452	18266	362502	15
7	Doiwala	11	333	25514	17860	305494	12	5864781	230	80	17860	92793	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1301	59279	35567	983410	17	19090783	322	132	35567	120063	2
12	Pauri	11	688	60922	36553	817598	13	15199169	249	164	36553	186850	3
13	Nainidanda	11	556	28373	19614	382645	13	4277868	151	242	19614	180305	6
14	Tehri	11	1115	105212	73648	1583385	15	215450050	2048	1601	73648	1923669	18
15	Gopeshwar	11	621	10008	5044	237135	24	5044154	504	126	5044	37145	4
16	Narayanbagar	11	519	11506	3772	190472	17	6953613	604	92	3772	34562	3
17	Gairsain	11	511	29534	20674	496315	17	14457393	490	65	20674	55517	2
18	Kotdwar	11	1168	36486	12770	873859	24	26707524	732	367	12770	434858	12
19	Rudraprayag	11	704	13771	9494	334865	24	6711884	487	126	9494	53328	4
20	Roorkee(Urban)	11	1899	25320	17724	1063440	42	74263560	2933	475	17724	547165	22
21	Roorkee(Rural)	11	1891	86982	65237	1826622	21	229719462	2641	515	65237	1343882	15
22	Ramnagar (Roorkee)	11	306	28949	25882	527993	18	26806774	926	141	25882	243291	8
23	Bhagwanpur	11	2132	3394	2376	91638	27	3594246	1059	861	2376	44122	13
24	Haridwar(Urban)	11	291	232	178	9216	40	258100	1113	85	178	2573	11
25	Haridwar(Rural)	11	92	8114	7377	84836	10	988518	122	44	7377	40574	5
26	Jwalapur	11	1090	29807	17884	960659	32	27325433	917	37	17884	19332	1
27	Laksar	11	1359	136499	106469	6540871	48	242937774	1780	279	106469	1476755	11
28	Hadwani (Urban)	11	164	9100	2730	179562	20	2937931	323	24	2730	17394	2
29	Haldwani (Rural)	11	1398	268074	126817	2902754	11	48482099	181	383	126817	843329	3
30	Nainital	11	436	45946	36757	605931	13	11892146	259	225	36757	303017	7
31	Ramnagar	11	935	29804	16661	673004	23	12862973	432	182	16661	144974	5
32	Kashipur	11	854	56444	50800	1959026	35	69186796	1226	543	50800	1241897	22
33	Bazpur	11	1024	42948	23621	1290248	30	32346553	753	214	23621	294444	7
34	Jaspur	11	549	33024	26419	916637	28	39086827	1184	245	26419	409358	12
35	Rudrapur-I	11	175	11740	8218	176100	15	16342080	1392	18	8218	18760	2
36	Rudrapur-II	11	969	39601	27721	831621	21	57065041	1441	38	27721	78311	2
37	Sitraganj	11	788	36199	18099	791077	22	37502284	1036	0	18099	0	0
38	Khatima	11	595	48517	21833	872570	18	29890692	616	0	21833	0	0
39	Almora	11	1278	13587	7473	353792	26	9998551	736	137	7473	41336	3
40	Bageshwar	11	1700	43384	26030	1773815	41	37380239	862	217	26030	236794	5
41	Ranikhet	11	1024	11643	6986	333907	29	6242204	536	168	6986	53705	5
42	Bhikiyasain	11	707	8257	5780	144574	18	2930925	355	333	5780	55080	7
43	Pithoragarh	11	1320	60689	27041	796982	13	25854045	426	229	27041	139335	2
44	Dharchula	11	860	27450	14432	675321	25	29531233	1076	498	14432	51322	2
45	Champawat	11	826	40498	12490	541788	13	10855184	268	380	12490	234345	6
	<b>UPCL</b>	<b>11</b>	<b>35426</b>	<b>1788417</b>	<b>1128186</b>	<b>39188090</b>	<b>22</b>	<b>1502021237</b>	<b>840</b>	<b>10634</b>	<b>1128186</b>	<b>12564691</b>	<b>7</b>