

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of November 2024

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	59	7239	4343	123280	17	3599158	497	23	4343	60518	8
2	Mohanpur	11	38	5620	3091	117458	21	3171366	564	16	3091	49456	9
3	Vikasnagar	11	262	46556	27934	1081862	23	17079505	367	6	27934	29983	1
4	Rishikesh	11	347	18293	10976	245415	13	4109779	225	7	10976	3741	0.2
5	Uttarkashi	11	237	10022	4510	133714	13	2665366	266	8	4510	3446	0.3
6	Barkot	11	14	2370	1659	23226	10	328482	139	6	1659	9954	4
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	554	3389	2033	48160	14	969012	286	426	2033	38880	11
9	Dehradun (South)	11	1554	113239	58884	1526843	13	27223172	240	499	58884	537859	5
10	Dehradun (Central)	11	1246	4428	3542	92518	21	1942812	439	291	3542	23383	5
11	Srinagar	11	210	24181	14509	319935	13	9692752	401	45	14509	43243	2
12	Pauri	11	150	16929	9311	232186	14	3832307	226	29	9311	43651	3
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	151	29942	17965	189184	6	5177980	173	344	17965	409353	14
15	Gopeshwar	11	507	7822	3520	271091	35	3572249	457	48	3520	19472	2
16	Narayanbagar	11	27	2430	1458	19987	8	2297034	945	0	1458	0	0
17	Gairsain	11	107	10594	6356	147564	14	4480922	423	35	6356	49946	5
18	Kotdwar	11	438	64959	45471	663553	10	14752642	227	336	45471	603261	9
19	Rudraprayag	11	130	4903	3364	87143	18	1320279	269	6	3364	2944	1
20	Roorkee(Urban)	11	402	31725	19035	626569	20	12753450	402	43	19035	97396	3
21	Roorkee(Rural)	11	416	21545	16159	473990	22	25056835	1163	44	16159	107725	5
22	Ramnagar (Roorkee)	11	324	20856	19878	536697	26	20250366	971	79	19878	130861	6
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	266	1941	1472	13111	7	215367	111	109	1472	5544	3
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	678	23646	14188	446980	19	10907567	461	113	14188	83474	4
27	Laksar	11	106	17298	10379	438390	25	9804054	567	34	10379	139442	8
28	Hadwani (Urban)	11	695	124618	16560	567028	5	108598439	871	109	16560	86419	1
29	Haldwani (Rural)	11	106	14454	5597	128114	9	1844586	128	26	5597	42638	3
30	Nainital	11	162	26203	10481	218557	8	10800744	412	39	10481	47367	2
31	Ramnagar	11	148	21573	8341	233368	11	4108543	190	48	8341	73094	3
32	Kashipur	11	359	39753	23852	849180	21	20346741	512	144	23852	346781	9
33	Bazpur	11	481	15250	6863	549614	36	9350232	613	58	6863	66724	4
34	Jaspur	11	42	11368	9094	98352	9	4493664	494	11	9094	27026	2
35	Rudrapur-I	11	479	35990	21594	683810	19	18328175	509	46	21594	92070	3
36	Rudrapur-II	11	496	43227	25936	702871	16	19297586	446	30	25936	60138	1
37	Sitraganj	11	136	8688	6081	208848	24	5404229	622	25	6081	38516	4
38	Khatima	11	197	11666	6028	198881	17	4349001	373	31	6028	27574	2
39	Almora	11	460	7772	4041	157236	20	3867797	498	60	4041	20714	3
40	Bageshwar	11	258	8759	4204	279226	32	6093703	696	43	4204	43860	5
41	Ranikhet	11	137	2959	1775	44596	15	1045570	353	27	1775	6890	2
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	265	39565	12918	403997	10	5949431	150	18	12918	27958	1
44	Dharchula	11	565	11835	8615	236700	20	6059520	512	103	8615	11598	1
45	Champawat	11	167	9795	3325	109103	11	4285112	437	52	3325	35937	4
UPCL		11	13376	923401	475344	13528334	15	419425527	454	3417	475344	3548836	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of November 2024

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	587	41049	24629	1317262	32	19848012	484	299	24629	309920	8
2	Mohanpur	11	578	44674	28634	1053262	24	48781947	1092	194	28634	369908	8
3	Vikasnagar	11	927	119431	71658	2666976	22	41027719	344	10	71658	44355	0.4
4	Rishikesh	11	458	15668	9401	487737	31	9701850	619	0	9401	0	0
5	Uttarkashi	11	777	19630	7852	459388	23	8448086	430	302	7852	193430	10
6	Barkot	11	676	24419	17093	510298	21	8897585	364	118	17093	88507	4
7	Doiwala	11	449	26308	15785	389192	15	7055533	268	92	15785	74588	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	939	53986	32391	747179	14	19844141	368	85	32391	81493	2
12	Pauri	11	651	66544	39926	835228	13	14153572	213	153	39926	197546	3
13	Nainidanda	11	497	29872	23363	329549	11	4540727	152	649	23363	486096	16
14	Tehri	11	945	105212	63127	1001014	10	162666035	1546	1274	63127	1382543	13
15	Gopeshwar	11	619	10559	4751	180902	17	4129516	391	131	4751	33092	3
16	Narayanbagar	11	226	17501	10501	237896	14	20645638	1180	58	10501	64061	4
17	Gairsain	11	324	29534	17720	326151	11	10118992	343	89	17720	88444	3
18	Kotdwar	11	1440	38286	8329	615433	16	8610394	225	250	8329	116961	3
19	Rudraprayag	11	588	13852	11299	300012	22	5097779	368	65	11299	27855	2
20	Roorkee(Urban)	11	719	34307	20584	823368	24	73862971	2153	566	20584	480298	14
21	Roorkee(Rural)	11	1859	86982	65237	1826622	21	217715946	2503	403	65237	1043784	12
22	Ramnagar (Roorkee)	11	427	28949	25240	718499	25	27685955	956	147	25240	247352	9
23	Bhagwanpur	11	2256	4490	2919	94290	21	5338610	1189	749	2919	49390	11
24	Haridwar(Urban)	11	361	274	219	15480	56	187125	683	75	219	3338	12
25	Haridwar(Rural)	11	124	9349	6077	121537	13	10115618	1082	46	6077	46745	5
26	Jwalapur	11	862	30679	15953	625301	20	35167573	1146	125	15953	93793	3
27	Laksar	11	1431	150033	82518	5934375	40	295696713	1971	221	82518	884557	6
28	Hadwani (Urban)	11	98	9100	2019	78089	9	1727962	190	26	2019	16525	2
29	Haldwani (Rural)	11	1676	285246	132241	3237046	11	81865559	287	499	132241	1102771	4
30	Nainital	11	414	45905	16067	464100	10	5061157	110	219	16067	125464	3
31	Ramnagar	11	858	31860	18799	838282	26	11464055	360	240	18799	237755	7
32	Kashipur	11	847	56444	33866	1230763	22	70356578	1246	494	33866	672134	12
33	Bazpur	11	1453	45239	20358	1496405	33	32580843	720	195	20358	276301	6
34	Jaspur	11	424	31456	18874	499768	16	20924112	665	172	18874	204088	6
35	Rudrapur-I	11	163	11740	7044	211320	18	14968500	1275	24	7044	35220	3
36	Rudrapur-II	11	968	39601	23761	797168	20	58767884	1484	38	23761	78311	2
37	Sitraganj	11	645	32800	22960	784714	24	46278844	1411	89	22960	112164	3
38	Khatima	11	886	49014	19606	1002207	20	38830931	792	81	19606	80620	2
39	Almora	11	1535	12260	5517	287250	23	12615197	1029	202	5517	34879	3
40	Bageshwar	11	1676	43395	19528	1281682	30	18696494	431	193	19528	154636	4
41	Ranikhet	11	1339	9595	4989	246563	26	8849803	922	335	4989	61001	6
42	Bhikiyasain	11	1150	9084	5450	193521	21	10066820	1108	158	5450	27764	3
43	Pithoragarh	11	1518	62831	28274	1217541	19	20015925	319	170	28274	121704	2
44	Dharchula	11	876	31460	16291	669783	21	30925180	983	749	16291	50021	2
45	Champawat	11	666	41472	12191	405451	10	11891350	287	219	12191	127775	3
UPCL		11	35912	1850090	1013042	36558606	20	1555225233	841	10204	1013042	9927192	5