

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of February 2025

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	65	7239	4343	135225	19	3610596	499	28	4343	70363	10
2	Mohanpur	11	5	5300	3710	18550	4	578760	109	8	3710	29680	6
3	Vikasnagar	11	192	46556	27934	843956	18	14853703	319	9	27934	45531	1
4	Rishikesh	11	429	20902	11496	303118	15	5823316	279	9	11496	7291	0.3
5	Uttarkashi	11	268	10022	3508	107241	11	2811037	280	5	3508	1865	0.2
6	Barkot	11	35	2370	1422	49770	21	893016	377	2	1422	2844	1
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	649	4267	3873	62442	15	1202988	282	344	3873	40147	9
9	Dehradun (South)	11	879	111261	72320	1115986	10	16917107	152	332	72320	451891	4
10	Dehradun (Central)	11	746	3954	3559	60849	15	706327	179	168	3559	16772	4
11	Srinagar	11	154	24181	12091	230293	10	5257959	217	30	12091	42342	2
12	Pauri	11	99	16929	11004	153033	9	2296167	136	38	11004	42578	3
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	126	29942	23954	233185	8	6333448	212	302	23954	500443	17
15	Gopeshwar	11	303	8761	3942	157910	18	3851415	440	61	3942	33034	4
16	Narayanbagar	11	28	2430	1458	21020	9	2658132	1094	0	1458	0	0
17	Gairsain	11	104	10594	5827	130758	12	3552133	335	35	5827	39944	4
18	Kotdwar	11	425	64959	38975	678493	10	13528735	208	381	38975	569313	9
19	Rudraprayag	11	206	5097	3413	148473	29	3977479	780	12	3413	8497	2
20	Roorkee(Urban)	11	500	32605	19563	717310	22	38539110	1182	47	19563	109227	3
21	Roorkee(Rural)	11	713	21545	16159	495535	23	47786810	2218	61	16159	150815	7
22	Ramnagar (Roorkee)	11	340	20856	19268	545917	26	15349902	736	75	19268	120423	6
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	327	2154	1653	16546	8	258747	120	118	1653	6059	3
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	966	23646	13005	572190	24	18869506	798	155	13005	88609	4
27	Laksar	11	54	17298	13838	235327	14	5665446	328	5	13838	21661	1
28	Hadwani (Urban)	11	1020	133347	46671	2053804	15	27891873	209	64	46671	138083	1
29	Haldwani (Rural)	11	128	14387	6709	201376	14	3385464	235	21	6709	45441	3
30	Nainital	11	171	28028	11211	237202	8	10056575	359	39	11211	54859	2
31	Ramnagar	11	124	21573	8341	184737	9	2200921	102	49	8341	69213	3
32	Kashipur	11	312	39753	21864	612900	15	19977055	503	106	21864	212528	5
33	Bazpur	11	336	15330	8432	461542	30	10370726	676	58	8432	89156	6
34	Jasgur	11	42	11368	9094	96410	8	2850432	313	5	9094	11830	1
35	Rudrapur-I	11	594	35990	21594	827770	23	40308800	1120	42	21594	78030	2
36	Rudrapur-II	11	523	43227	25936	840333	19	21912409	507	30	25936	60138	1
37	Sitraganj	11	165	8688	5213	214312	25	5420446	624	29	5213	38363	4
38	Khatima	11	254	11666	5250	225750	19	5269707	452	37	5250	32715	3
39	Almora	11	545	10430	4694	255057	24	4431443	425	75	4694	24218	2
40	Bageshwar	11	261	8759	3942	248725	28	5148423	588	70	3942	60051	7
41	Ranikhet	11	126	3984	1912	65313	16	1308118	328	35	1912	15146	4
42	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
43	Pithoragarh	11	330	39794	12992	514205	13	8842077	222	21	12992	31133	1
44	Dharchula	11	550	12100	8596	263512	22	6532122	540	110	8596	16353	1
45	Champawat	11	100	9988	4495	93632	9	6152306	616	47	4495	42010	4
UPCL		11	13194	941279	523259	14429705	15	397380736	422	3063	523259	3418596	4

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of February 2025

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	572	41049	24629	1274571	31	20212117	492	376	24629	371083	9
2	Mohanpur	11	606	44234	26540	1253741	28	26220965	593	427	26540	1064931	24
3	Vikasnagar	11	754	119431	95545	2874931	24	44180071	370	14	95545	68518	1
4	Rishikesh	11	289	19883	11930	355800	18	6919767	348	0	11930	0	0
5	Uttarkashi	11	857	19630	5889	361189	18	7459999	380	264	5889	130566	7
6	Barkot	11	852	24419	14651	518636	21	7775537	318	113	14651	70284	3
7	Doiwala	11	499	26308	15785	401475	15	6566036	250	69	15785	72188	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	1044	53986	26993	700967	13	18958485	351	150	26993	97231	2
12	Pauri	11	627	66544	39926	814728	12	17773391	267	84	39926	108432	2
13	Nainidanda	11	732	29872	17923	351764	12	6932304	232	718	17923	405626	14
14	Tehri	11	891	105212	73648	1106792	11	160751233	1528	1249	73648	1576086	15
15	Gopeshwar	11	954	9652	4343	299417	31	8152819	845	235	4343	58663	6
16	Narayanbagar	11	252	17501	10501	247609	14	23052696	1317	78	10501	80716	5
17	Gairsain	11	365	29534	17720	369641	13	11567895	392	108	17720	104846	4
18	Kotdwar	11	1132	38286	8329	583737	15	10469708	273	522	8329	229507	6
19	Rudraprayag	11	792	14191	10403	380221	27	10361473	730	73	10403	35232	2
20	Roorkee(Urban)	11	916	37222	22333	893328	24	41093088	1104	969	22333	483886	13
21	Roorkee(Rural)	11	3059	86982	65237	2522478	29	293303304	3372	583	65237	1478694	17
22	Ramnagar (Roorkee)	11	488	28949	25460	828299	29	33508755	1158	158	25460	268179	9
23	Bhagwanpur	11	2674	4430	2658	97460	22	6729170	1519	886	2658	31010	7
24	Haridwar(Urban)	11	383	337	266	19319	57	695972	2065	70	266	5076	15
25	Haridwar(Rural)	11	145	9234	5540	180155	20	9317106	1009	25	5540	36936	4
26	Jwalapur	11	1113	30679	15953	746514	24	48727173	1588	210	15953	136197	4
27	Laksar	11	1580	164589	131671	8016406	49	298564763	1814	115	98750	533838	3
28	Hadwani (Urban)	11	211	18129	5439	405706	22	7923580	437	41	5439	76868	4
29	Haldwani (Rural)	11	1734	285614	162844	4002108	14	43693594	153	476	162844	1271439	4
30	Nainital	11	455	45912	18365	447642	10	4634502	101	98	18365	59358	1
31	Ramnagar	11	981	31860	18799	911268	29	15816124	496	251	18799	209888	7
32	Kashipur	11	900	56444	33866	1380336	24	36511928	647	515	33866	695645	12
33	Bazpur	11	1161	45565	25061	1473491	32	29033496	637	127	25061	158905	3
34	Jaspur	11	538	33024	19814	650686	20	29861916	1507	104	19814	138022	4
35	Rudrapur-I	11	175	11740	7044	232217	20	16145040	1375	25	7044	40600	3
36	Rudrapur-II	11	883	39601	23761	810236	20	40267930	1017	38	23761	78311	2
37	Sitraganj	11	727	32800	22960	872883	27	62157184	1895	158	22960	190177	6
38	Khatima	11	906	49014	22056	1035259	21	53798043	1098	100	22056	109983	2
39	Almora	11	1565	14184	7801	439643	31	9338065	658	190	7801	50936	4
40	Bageshwar	11	1687	43395	23867	1707278	39	30889141	712	283	23867	323959	7
41	Ranikhet	11	1180	11936	7162	354170	30	7235123	606	290	7162	76016	6
42	Bhikyasain	11	370	5612	3367	119463	21	2496952	445	82	3367	26388	5
43	Pithoragarh	11	1495	63460	27956	918710	14	21915409	345	172	27956	105183	2
44	Dharchula	11	905	32045	15375	714222	22	31950212	997	795	15375	57325	2
45	Champawat	11	626	40707	18318	543760	13	19230358	472	202	18318	165879	4
UPCL		11	38075	1883196	1137731	42218257	22	1582192422	840	11443	1104810	11282606	6