

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

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
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	58	7239	5067	130998	18	3693958	510	23	5067	68532	9
2	Mohanpur	11	48	700	420	20160	29	418320	598	51	420	21420	31
3	Vikasnagar	11	219	46556	27934	921133	20	15085479	324	10	27934	49463	1
4	Rishikesh	11	618	27056	16234	568332	21	10666060	394	25	16234	28191	1
5	Uttarkashi	11	410	10022	3007	145538	15	4738878	473	14	3007	5850	1
6	Barkot	11	44	2370	855	37620	16	424935	179	2	855	1710	1
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1057	4036	2422	106349	26	2399172	594	683	2422	74949	19
9	Dehradun (South)	11	1076	113804	62592	1167248	10	23124166	203	355	62592	412607	4
10	Dehradun (Central)	11	622	4948	4453	70679	14	1201580	243	265	4453	27749	6
11	Srinagar	11	449	24181	12091	636978	26	15672080	648	43	12091	68309	3
12	Pauri	11	231	16929	4730	183420	11	4038060	239	30	4730	21990	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	122	29942	20959	186824	6	5557683	186	294	20959	421692	14
15	Gopeshwar	11	823	6818	2727	293977	43	4009399	588	120	2727	41056	6
16	Narayanbagar	11	110	2430	1458	84449	35	4479289	1843	20	1458	18230	8
17	Gairsain	11	136	10594	6356	178688	17	5202468	491	66	6356	84504	8
18	Kotdwar	11	866	64959	35727	1059306	16	24218998	373	806	35727	1203232	19
19	Rudraprayag	11	392	4432	1994	95684	22	2376071	536	21	1994	6684	2
20	Roorkee(Urban)	11	1050	33430	20058	1002900	30	36505560	1092	77	20058	183865	6
21	Roorkee(Rural)	11	1087	30019	22514	1020646	34	53703991	1789	145	22514	408066	14
22	Ramnagar (Roorkee)	11	610	20856	16358	755392	36	20188279	968	105	16358	143130	7
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	603	3989	2706	50159	13	1548448	388	192	2706	16707	4
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	752	23646	14188	554617	23	17667509	747	40	14188	48631	2
27	Laksar	11	65	17298	10379	272549	16	9217541	533	14	10379	56994	3
28	Hadwani (Urban)	11	1110	133910	27891	1447091	11	21648992	162	129	27891	163488	1
29	Haldwani (Rural)	11	162	14387	7421	315755	22	3941931	274	32	7421	61824	4
30	Nainital	11	284	28052	22913	389292	14	12453722	444	84	22913	121438	4
31	Ramnagar	11	319	21573	8341	458977	21	8480578	393	100	8341	138193	6
32	Kashipur	11	419	39753	21864	845401	21	27294091	687	163	21864	358681	9
33	Bazpur	11	344	15425	9255	507757	33	14879841	965	79	9255	131009	8
34	Jasgur	11	48	11368	7958	97185	9	7966476	701	10	7958	20297	2
35	Rudrapur-I	11	874	35990	25193	861776	24	24797110	689	49	25193	101230	3
36	Rudrapur-II	11	840	43227	30259	953449	22	34495146	798	30	30259	60138	1
37	Kichha	11	196	11959	7175	146640	12	1638541	137	62	7175	46647	4
38	Sitraganj	11	148	8688	5213	192593	22	4496714	518	18	5213	24600	3
39	Khatima	11	175	11666	5250	176164	15	4075777	349	29	5250	26190	2
40	Almora	11	436	7578	4168	181747	24	2498108	330	45	4168	16701	2
41	Bageshwar	11	348	8759	3942	321036	37	4988696	570	110	3942	89618	10
42	Ranikhet	11	229	3062	1378	86716	28	1344744	439	59	1378	21598	7
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	586	39999	13058	891000	22	14320536	358	39	13058	61604	2
45	Dharchula	11	310	12150	8325	263590	22	6332512	521	55	6598	16398	1
46	Champawat	11	111	10605	4772	109485	10	7296701	688	56	4772	54654	5
UPCL		11	18387	964404	509603	17789299	18	469088139	486	4550	507877	4927868	5

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

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	605	41049	24629	1440030	35	19925142	485	421	24629	441502	11
2	Mohanpur	11	998	42044	23124	1971419	47	41130832	978	489	23124	1025071	24
3	Vikasnagar	11	849	119431	71658	2245374	19	36378283	305	15	71658	70362	1
4	Rishikesh	11	752	22234	12229	806677	36	15136161	681	0	12229	0	0
5	Uttarkashi	11	1334	22351	6705	566192	25	12109979	542	238	6705	112131	5
6	Barkot	11	701	24419	19143	626256	26	7908533	324	73	19143	64433	3
7	Doiwala	11	932	27308	16385	744239	27	14824273	543	115	16385	109104	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2661	53986	26993	1618132	30	51439324	953	351	26993	280840	5
12	Pauri	11	1275	65829	14655	878910	13	18426370	280	435	14655	241145	4
13	Nainidanda	11	1246	29872	17923	573676	19	17933109	600	701	17923	449169	15
14	Tehri	11	903	105212	73648	1121233	11	159236426	1513	1235	73648	1557835	15
15	Gopeshwar	11	2176	9069	3628	506328	56	12212875	1347	454	3628	100145	11
16	Narayanbagar	11	259	17814	10688	300825	17	9860360	554	81	10688	83569	5
17	Gairsain	11	612	29534	17720	571202	19	96280510	3260	192	17720	199821	7
18	Kotdwar	11	2191	38286	7765	866846	23	18241633	476	748	7765	308180	8
19	Rudraprayag	11	1641	16652	7493	438664	26	12148045	730	165	7493	45273	3
20	Roorkee(Urban)	11	1165	40500	24300	1492344	37	75289500	1859	356	24300	288360	7
21	Roorkee(Rural)	11	3764	89482	67112	3489798	39	209566844	2342	922	67112	1665926	19
22	Ramnagar (Roorkee)	11	935	31349	23740	1479793	47	49531136	1580	239	23740	378257	12
23	Bhagwanpur	11	3537	6039	3623	194181	32	19694414	3261	1400	3623	96075	16
24	Haridwar(Urban)	11	410	389	314	26229	67	664970	1709	132	314	9373	24
25	Haridwar(Rural)	11	197	9665	6766	228481	24	14059676	1455	76	6766	36727	4
26	Jwalapur	11	1261	29807	17884	1019762	34	26829524	900	89	17884	68182	2
27	Laksar	11	1326	219308	100882	6678995	30	227987039	1040	129	100882	404126	2
28	Hadwani (Urban)	11	318	18292	2254	250323	14	3849317	210	54	2254	40765	2
29	Haldwani (Rural)	11	2610	285614	156140	5426674	19	92939592	325	878	156140	2306047	8
30	Nainital	11	895	45927	17066	546203	12	19475645	424	298	17066	173243	4
31	Ramnagar	11	1616	31860	17612	1196734	38	32094770	1007	593	17612	531414	17
32	Kashipur	11	1350	56444	28222	1594510	28	61325610	1086	645	28222	751444	13
33	Bazpur	11	1577	45871	25229	1886625	41	74661805	1628	241	25229	444478	10
34	Jaspur	11	497	31456	18874	568584	18	31749439	1009	193	18874	228303	7
35	Rudrapur-I	11	267	11740	8218	205608	18	9508377	810	29	8218	49860	4
36	Rudrapur-II	11	1399	39601	23761	1464451	37	96111627	2427	38	23761	78311	2
37	Kichha	11	329	11753	7052	248512	21	2834598	241	124	7052	91869	8
38	Sitraganj	11	640	32800	22960	746476	23	26740826	815	79	22960	97846	3
39	Khatima	11	653	49014	22056	759309	15	31537579	643	103	22056	120549	2
40	Almora	11	1519	11755	6465	336651	29	10989175	935	184	6465	42958	4
41	Bageshwar	11	2718	43395	17358	1811043	42	51430384	1185	543	17358	378254	9
42	Ranikhet	11	2024	9766	4395	339482	35	8147600	834	454	4395	77559	8
43	Bhikiasain	11	604	5749	3449	144646	25	1730197	301	328	3449	37144	6
44	Pithoragarh	11	3655	65288	29670	2144279	33	52308825	801	490	29670	297192	5
45	Dharchula	11	710	32080	15455	752152	23	31821241	992	710	8498	58355	2
46	Champawat	11	694	43391	17356	565402	13	20322343	468	275	17356	208474	5
UPCL		11	55805	1963425	1042600	50873249	26	1826393909	930	15315	1035644	14049671	7