

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of July 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			
						$\sum Ai \times Ni$ 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		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	62	7239	5067	132985	18	3699258	511	27	5067	69815	10
2	Mohanpur	11	41	700	385	15785	23	533995	763	18	385	6930	10
3	Vikasnagar	11	298	46556	23278	998315	21	20503630	440	14	23278	56766	1
4	Rishikesh	11	520	24378	14627	415181	17	8540539	350	7	14627	5920	0
5	Uttarkashi	11	395	10022	3007	136026	14	3497856	349	0	3007	0	0
6	Barkot	11	32	2370	855	27360	12	355680	150	0	855	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	1101	3736	2242	100189	27	2561004	685	835	2242	82960	22
9	Dehradun (South)	11	1646	111954	61575	1619331	14	27589244	246	515	61575	620423	6
10	Dehradun (Central)	11	490	4605	4145	49930	11	1150131	250	293	4145	30740	7
11	Srinagar	11	341	24181	12091	473532	20	9460368	391	78	12091	111182	5
12	Pauri	11	225	16929	4620	196145	12	4962900	293	77	4620	60200	4
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	142	29942	22457	232081	8	6378645	213	140	22457	189769	6
15	Gopeshwar	11	576	4437	1775	116818	26	4347314	980	130	1775	32427	7
16	Narayanbagar	11	66	2430	1337	39643	16	2960496	1218	11	1337	6514	3
17	Gairsain	11	144	10594	6356	192329	18	5959024	562	89	6356	120767	11
18	Kotdwar	11	859	62243	29877	1003162	16	25135950	404	447	29877	530675	9
19	Rudraprayag	11	211	4530	2718	100572	22	2447854	540	20	2718	6698	1
20	Roorkee(Urban)	11	794	44229	26537	937655	21	39957805	903	62	26537	182666	4
21	Roorkee(Rural)	11	1050	30019	22514	977118	33	58358737	1944	163	22514	458723	15
22	Ramnagar (Roorkee)	11	579	22160	15512	795118	36	24059514	1086	116	15512	168177	8
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	838	4094	3130	75610	18	1467682	358	221	3130	23033	6
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	1125	23646	13005	733168	31	16774572	709	53	13005	59309	3
27	Laksar	11	91	17298	10379	352771	20	12876240	744	25	10379	110154	6
28	Hadwani (Urban)	11	1451	133238	18720	1260550	9	19148634	144	199	18720	152403	1
29	Haldwani (Rural)	11	243	14387	8532	368729	26	10537977	732	27	8532	65024	5
30	Nainital	11	262	28062	22916	339312	12	15213262	542	116	22916	163677	6
31	Ramnagar	11	287	21573	8341	378043	18	9020098	418	167	8341	252035	12
32	Kashipur	11	481	39753	19877	882554	22	37561470	945	308	19877	604360	15
33	Bazpur	11	425	15755	7878	528710	34	14903417	946	78	7878	108111	7
34	Jasgur	11	68	11368	6821	117905	10	6281580	553	12	6821	21502	2
35	Rudrapur-I	11	1298	33320	23324	916966	28	42491663	1275	47	23324	95830	3
36	Rudrapur-II	11	1114	43227	30259	1147677	27	44820347	1037	30	30259	60138	1
37	Kichha	11	225	11959	7175	167997	14	2159985	181	55	7175	42238	4
38	Sitraganj	11	118	8688	5213	153361	18	3480160	401	14	5213	17467	2
39	Khatima	11	136	11666	5250	129308	11	3036859	260	33	5250	27827	2
40	Almora	11	662	6185	3402	230221	37	3516454	569	106	3402	28620	5
41	Bageshwar	11	337	8760	3942	329301	38	7479806	854	139	3942	120914	14
42	Ranikhet	11	143	2704	1352	50679	19	2635918	975	62	1352	21582	8
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	515	40135	12950	798189	20	12273411	306	37	12950	58203	1
45	Dharchula	11	380	12280	8538	265321	22	6362152	518	62	6915	17421	1
46	Champawat	11	125	10780	4312	111140	10	6665332	618	60	4312	52036	5
UPCL		11	19896	962132	486287	17896788	19	531166962	552	4893	484664	4843235	5

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of July 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		Nos of Outages < 5 Min	Affected Load KW	$\sum C_i \times N_i$ for Division	MAIFI
						$\sum A_i \times N_i$ for Division	SAIFI	$\sum B_i \times N_i$ for Division	SAIDI				
		KV		KW			Nos.		Min				Nos.
1	Raipur Dehradun	11	613	41049	24629	1442365	35	19941888	486	462	24629	443808	11
2	Mohanpur	11	982	52244	26122	1812868	35	43796845	838	357	26122	595612	11
3	Vikasnagar	11	1278	119431	59715	2999730	25	48766786	408	24	59715	96343	1
4	Rishikesh	11	641	20618	11340	575792	28	11798775	572	0	11340	0	0
5	Uttarkashi	11	1256	22351	6705	555256	25	11914987	533	298	6705	147160	7
6	Barkot	11	607	24419	19143	473376	19	6289231	258	21	19143	16878	1
7	Doiwala	11	1068	27283	15006	714402	26	18436662	676	124	15006	83964	3
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2484	53986	26993	1397048	26	38259101	709	501	26993	386305	7
12	Pauri	11	1538	66174	18150	1578555	24	24128900	365	586	18150	489825	7
13	Nainidanda	11	1039	29872	16320	426674	14	7521923	252	437	16320	254486	9
14	Tehri	11	917	105212	68388	1066410	10	151308802	1438	790	68388	879104	8
15	Gopeshwar	11	1415	8664	3292	265216	31	11332129	1308	491	3292	87255	10
16	Narayanbagar	11	273	17814	8907	257983	14	11358285	638	199	8907	195556	11
17	Gairsain	11	640	29534	17720	572104	19	18809101	637	247	17720	280216	9
18	Kotdwar	11	1485	38286	6807	477589	12	16040807	419	845	6807	279870	7
19	Rudraprayag	11	1608	16683	6673	415917	25	11711000	702	160	6673	38938	2
20	Roorkee(Urban)	11	1022	47776	28666	1471501	31	83225792	1742	453	28666	432851	9
21	Roorkee(Rural)	11	3910	89482	67112	3267883	37	206017093	2302	1055	67112	1906239	21
22	Ramnagar (Roorkee)	11	693	31349	25750	1032905	33	37807867	1206	322	25750	552767	18
23	Bhagwanpur	11	3425	5470	3282	155457	28	15894950	2906	1411	3282	87706	16
24	Haridwar(Urban)	11	505	438	343	33549	77	724840	1655	94	343	7176	16
25	Haridwar(Rural)	11	144	9665	6766	167011	17	11684985	1209	106	6766	51225	5
26	Jwalapur	11	1451	29807	16394	1110530	37	25207817	846	127	16394	88003	3
27	Laksar	11	1124	209994	104997	5979656	28	339370765	1616	254	104997	824516	4
28	Hadwani (Urban)	11	364	18292	2557	313976	17	5644905	309	94	2557	85478	5
29	Haldwani (Rural)	11	2978	285614	158241	6729076	24	133977593	469	1447	158241	4061639	14
30	Nainital	11	378	45936	16078	392753	9	14753840	321	328	16078	192781	4
31	Ramnagar	11	1842	31860	16236	1200720	38	34830840	1093	962	16236	671994	21
32	Kashipur	11	1383	56444	27093	1440769	26	81251999	1440	813	27093	859657	15
33	Bazpur	11	1992	46141	20763	1895139	41	82511057	1788	297	20763	484967	11
34	Jasipur	11	581	33024	19581	755069	23	40905904	1239	226	19581	318730	10
35	Rudrapur-I	11	293	11740	8218	260352	22	17413003	1483	23	8218	33400	3
36	Rudrapur-II	11	2023	41463	24878	1617886	39	42582501	1027	40	24878	81225	2
37	Kichha	11	290	11753	7052	212922	18	2816433	240	84	7052	60756	5
38	Sitraganj	11	596	32800	22960	703010	21	22236569	678	94	22960	110489	3
39	Khatima	11	522	49014	22056	648380	13	19785287	404	146	22056	171249	3
40	Almora	11	2496	10737	5905	523713	49	13582881	1265	530	5905	111726	10
41	Bageshwar	11	2610	43396	17358	1705173	39	53558713	1234	684	17358	431657	10
42	Ranikhet	11	1907	10282	4627	337265	33	9415643	916	593	4627	102583	10
43	Bhikiyasain	11	555	6186	3712	132980	21	3073770	497	191	3712	43924	7
44	Pithoragarh	11	2786	66761	30504	1677399	25	37272322	558	537	30504	303975	5
45	Dharchula	11	774	33122	16325	792312	24	32012331	966	810	8695	60121	2
46	Champawat	11	640	43870	15355	472663	11	18335791	418	267	15355	178477	4
UPCL		11	55128	1976036	1028718	50061330	25	1837310712	930	17530	1021088	16590630	8