

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Urban Feeders of UPCL for the month of August 2026

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	64	7384	5322	133336	18	4390054	595	26	5322	84891	11
2	Mohanpur	11	13	5406	3340	26147	5	635488	118	9	3340	15759	3
3	Vikasnagar	11	215	47487	29339	843710	18	17618204	371	10	29339	47758	1
4	Rishikesh	11	457	17763	10974	249567	14	7951709	448	9	10974	377	0
5	Uttarkashi	11	390	10222	4211	154290	15	8601641	841	13	4211	7171	1
6	Barkot	11	43	2417	898	33392	14	410069	170	0	898	0	0
7	Doiwala	11	-	-	-	-	-	-	-	-	-	-	-
8	Dehradun (North)	11	906	3794	2344	74916	20	2005624	529	390	2344	76723	20
9	Dehradun (South)	11	1409	116080	69328	1481860	13	36874029	318	529	69328	683230	6
10	Dehradun (Central)	11	435	3963	3672	34323	9	803217	203	240	3672	23074	6
11	Srinagar	11	349	24665	12699	450178	18	21435842	869	35	12699	61748	3
12	Pauri	11	261	17268	4968	202441	12	5639354	327	26	4968	20950	1
13	Nainidanda	11	-	-	-	-	-	-	-	-	-	-	-
14	Tehri	11	128	30541	25159	211148	7	6360498	208	334	25159	567585	19
15	Gopeshwar	11	660	6046	2801	191379	32	9561599	1582	77	2801	40339	7
16	Narayanbagar	11	97	2479	1404	60612	24	5087660	2053	6	1404	1173	0
17	Gairsain	11	148	10806	6676	186114	17	9864692	913	49	6676	68461	6
18	Kotdwar	11	743	66258	40937	1016947	15	23714761	358	572	40937	917617	14
19	Rudraprayag	11	311	4457	2754	134741	30	3682587	826	29	2754	15113	3
20	Roorkee(Urban)	11	686	33425	20651	737259	22	34380958	1029	75	20651	173764	5
21	Roorkee(Rural)	11	814	30619	23647	841115	27	67813211	2215	126	23647	348660	11
22	Ramnagar (Roorkee)	11	340	21273	20647	511826	24	22400816	1053	73	20647	117711	6
23	Bhagwanpur	11	-	-	-	-	-	-	-	-	-	-	-
24	Haridwar(Urban)	11	632	2841	2141	35349	12	746081	263	126	2141	8493	3
25	Haridwar(Rural)	11	-	-	-	-	-	-	-	-	-	-	-
26	Jwalapur	11	693	24119	14902	473178	20	10096896	419	53	14902	63401	3
27	Laksar	11	72	17644	10901	247415	14	7853193	445	14	10901	57752	3
28	Hadwani (Urban)	11	1139	136589	42195	1847704	14	36372912	266	124	42195	211984	2
29	Haldwani (Rural)	11	138	14674	6980	202796	14	5435981	370	34	6980	57499	4
30	Nainital	11	225	28605	9013	288684	10	11681810	408	92	9013	127997	4
31	Ramnagar	11	247	22004	8761	338776	15	6134790	279	102	8761	135635	6
32	Kashipur	11	401	40548	22964	808280	20	20693823	510	194	22964	414751	10
33	Bazpur	11	465	15704	9702	680132	43	12690930	808	119	9702	200354	13
34	Jasgur	11	63	11595	8358	116242	10	5072518	437	14	8358	28291	2
35	Rudrapur-I	11	936	36710	26461	873342	24	48622526	1325	68	26461	124461	3
36	Rudrapur-II	11	1050	44092	31782	1117263	25	38021767	862	38	31782	74506	2
37	Kichha	11	231	12198	7536	164614	13	1866376	153	119	7536	91605	8
38	Sitraganj	11	177	8861	5475	210866	24	5363544	605	35	5475	46735	5
39	Khatima	11	208	11899	5514	197234	17	6104198	513	29	5514	27524	2
40	Almora	11	582	7730	4378	227355	29	3699313	479	74	4378	26981	3
41	Bageshwar	11	343	8934	4140	293531	33	4477774	501	79	4140	65851	7
42	Ranikhet	11	170	3012	1861	75896	25	1168941	388	54	1861	19806	7
43	Bhikiyasain	11	-	-	-	-	-	-	-	-	-	-	-
44	Pithoragarh	11	452	40734	13693	598705	15	21053124	517	36	13693	51712	1
45	Dharchula	11	325	12444	8740	270870	22	7265660	584	65	8740	20262	2
46	Champawat	11	111	10799	5004	100363	9	8297600	768	64	5004	47436	4
UPCL		11	17126	974089	542272	16743897	17	551951771	567	4162	542272	5175142	5

Distribution System Reliability Indices (SAIFI, SAIDI & MAIFI) of Rural Feeders of UPCL for the month of August 2026

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	652	41418	24980	1402503	34	20113850	486	463	24980	501174	12
2	Mohanpur	11	662	44632	24675	1211453	27	25940971	581	525	24675	1098953	25
3	Vikasnagar	11	841	120506	72679	2119938	18	32280554	268	11	72679	53552	0
4	Rishikesh	11	345	18512	11165	334170	18	8537886	461	0	11165	0	0
5	Uttarkashi	11	1464	22552	6801	593151	26	24924725	1105	377	6801	197167	9
6	Barkot	11	712	24639	19416	589369	24	6269210	254	48	19416	32847	1
7	Doiwala	11	853	27554	16618	552689	20	8566990	311	144	16618	117621	4
8	Dehradun (North)	11	-	-	-	-	-	-	-	-	-	-	-
9	Dehradun (South)	11	-	-	-	-	-	-	-	-	-	-	-
10	Dehradun (Central)	11	-	-	-	-	-	-	-	-	-	-	-
11	Srinagar	11	2360	54472	27377	1292946	24	40157123	737	241	27377	189104	3
12	Pauri	11	1504	67143	15842	822255	12	19521003	291	391	15842	204983	3
13	Nainidanda	11	1140	30141	23696	595562	20	10889270	361	643	23696	495494	16
14	Tehri	11	875	106159	74697	971352	9	157022346	1479	1313	74697	1691361	16
15	Gopeshwar	11	1718	7745	3114	289734	37	19200979	2479	353	3114	63850	8
16	Narayanbagar	11	212	17974	9937	203757	11	17322216	964	87	9937	98126	5
17	Gairsain	11	479	29800	17973	365475	12	24660230	828	144	17973	175870	6
18	Kotdwar	11	1722	38631	8448	735267	19	14832587	384	590	8448	335485	9
19	Rudraprayag	11	1344	12374	7463	404621	33	12613707	1019	142	7463	57418	5
20	Roorkee(Urban)	11	926	37890	22852	970586	26	53167587	1403	1059	22852	811229	21
21	Roorkee(Rural)	11	3562	90287	68068	3300405	37	250865996	2779	958	68068	1790650	20
22	Ramnagar (Roorkee)	11	645	29210	24981	950075	33	35274230	1208	255	24981	432447	15
23	Bhagwanpur	11	3340	5558	3352	150059	27	15222544	2739	1311	3352	84908	15
24	Haridwar(Urban)	11	430	405	314	26606	66	1245510	3078	91	314	6968	17
25	Haridwar(Rural)	11	179	9752	6862	186219	19	9903765	1016	26	6862	13166	1
26	Jwalapur	11	1050	30075	18139	807731	27	29527217	982	95	18139	71810	2
27	Laksar	11	1809	187163	94068	9074032	48	222237392	1187	184	94068	637199	3
28	Hadwani (Urban)	11	351	18456	2149	253573	14	4621001	250	35	2149	19527	1
29	Haldwani (Rural)	11	2654	288185	141675	4956681	17	114313533	397	762	141675	1805116	6
30	Nainital	11	372	46334	13972	602387	13	19169389	414	289	13972	173739	4
31	Ramnagar	11	1565	32147	19067	1364366	42	27054972	842	490	19067	515019	16
32	Kashipur	11	1739	56952	31486	2119409	37	78189050	1373	530	31486	694433	12
33	Bazpur	11	2070	46150	27834	2572534	56	94936117	2057	222	27834	434476	9
34	Jasipur	11	558	31739	19142	590613	19	24846902	783	199	19142	257193	8
35	Rudrapur-I	11	358	11846	8335	259475	22	34043771	2874	27	8335	43069	4
36	Rudrapur-II	11	1450	39957	24099	1341705	34	95010338	2378	42	24099	88899	2
37	Kichha	11	469	11859	7152	318470	27	3284614	277	208	7152	153760	13
38	Sitraganj	11	779	33095	23287	819652	25	39919726	1206	127	23287	162828	5
39	Khatima	11	842	49455	22370	873116	18	45693700	924	156	22370	185365	4
40	Almora	11	2260	11861	6557	469628	40	18721651	1578	256	6557	61077	5
41	Bageshwar	11	2496	43786	19806	1758164	40	33478269	765	368	19806	330199	8
42	Ranikhet	11	1722	9836	5438	354801	36	8349456	849	332	5438	63646	6
43	Bhikiyasain	11	517	4018	2423	70673	18	637675	159	360	2423	12499	3
44	Pithoragarh	11	2490	65158	29517	1354836	21	40877880	627	422	29517	266328	4
45	Dharchula	11	715	32333	15597	699274	22	32427694	1003	669	15597	65124	2
46	Champawat	11	691	43646	17549	508727	12	20395797	467	249	17549	198688	5
UPCL		11	52922	1931405	1040972	49238041	25	1796269425	930	15194	1040972	14692364	8