

CAGAYAN II ELECTRIC COOPERATIVE DATA AND INFORMATION								
STATUS OF ELECTRIFICATION (As of DECEMBER 31,2023)								
MUNICIPALITIES	POTENTIAL CONSUMERS	ACTUAL		BARANGAYS		PERCENTAGE		
		House Connection	Membership	Potential	Energized	House Connection	Membership	Barangays
ABU LUG	8,165	7,464	8,163	20	20	91%	100%	100%
ALLACAPAN	8,389	7,714	7,381	27	27	92%	88%	100%
APARRI	15,785	15,825	14,911	42	42	100%	94%	100%
BALLESTEROS	8,765	7,680	7,920	19	19	88%	90%	100%
BUGUEY	7,658	8,458	8,745	30	30	110%	114%	100%
CAMALANIUGAN	6,112	6,524	7,766	28	28	107%	127%	100%
CLAVERIA	8,224	8,526	9,242	41	41	104%	112%	100%
GATTARAN	14,213	13,425	13,154	50	50	94%	93%	100%
GONZAGA	9,685	11,588	11,215	25	25	120%	116%	100%
LAL-LO	11,612	10,997	10,319	35	35	95%	89%	100%
LASAM	9,890	9,097	8,911	30	30	92%	90%	100%
SANTO NINO	1,068	841	677	4	4	79%	63%	100%
PAMPLONA	5,850	5,257	7,385	18	18	90%	126%	100%
SANCHEZ MIRA	6,645	7,379	8,217	18	18	111%	124%	100%
SANTA TERESITA	4,926	4,798	5,134	13	13	97%	104%	100%
SANTA ANA	8,203	8,542	8,200	16	16	104%	100%	100%
SANTA PRAXEDES	1,071	987	1,287	10	10	92%	120%	100%
FLORA	4,559	3,431	4,094	16	16	75%	90%	100%
SANTA MARCELA	3,392	2,987	3,499	13	13	88%	103%	100%
LUNA	5,047	4,015	4,593	23	22	80%	91%	96%
PUDTOL	3,608	2,946	3,580	22	22	82%	99%	100%
CALANASAN	288	241	244	2	2	84%	85%	100%
CALAYAN ISLAND	4,250	2,134	2,134	12	12	50%	50%	100%
T O T A L	157,405	150,856	156,771	514	513	96%	100%	100%

CAGELCO II POWER INFRASTRUCTURE

A. EXISTING POWER SUBSTATIONS (As of December 2023)

Substation Name	Location	Transformer	Transformer Maximum
LUCBAN	Lucban, Abulug	10MVA	12.5
MAGAPIT	Magapit, Lal-lo	10MVA	12.5
CEZA	Casambalangan, Sta. Ana	5MVA	6.25
TANGATAN	Tangatan, Sta. Ana	10MVA	12.5
BANTAY	Bantay, Camalaniugan	10MVA	12.5
MISSION	Mission,Sta. Teresita	15MVA	18.75
ZITANGA	Zitanga, Ballesteros	5MVA	6.25
SANCHEZ MIRA	Centro 2, Sanchez Mira	5MVA	6.25
IRINGAN	Iringan, Allacapan	10MVA	12.5
Total		80MVA	100

B. EXISTING DISTRIBUTION SYSTEM ASSETS (As of December 2023)	
Asset	
69kV Sub transmission Line, km	101.733
Distribution Line, km	
Triple Circuit Primary Line, km	0.2
Double Circuit Primary Line, km	5.144
3-Phase Primary Line, km	414.681
Vee-Phase Primary Line, km	38.894
1-Phase Primary Line, km	1,055.97
Open Secondary, km	565.818
Underbuilt Secondary, km	954.633
Distribution Transformer,MVA	81.177MVA
10kVA, Qty	166
15kVA, Qty	242
25kVA, Qty	539
37.5kVA, Qtv	819
50Kva Qty	634

C. FUTURE POWER SUBSTATIONS

Year	Substation Name	Location	Transformer Rated Capacity, MVA	Remarks
2024	SANCHEZ MIRA	Centro 2, Sanchez Mira	15MVA	Uprating from SMVA to 15MVA
2025	APARRI	Centro 2, Aparri	10MVA	New Substation
2027	TAKIKI	Takiki, Gattaran	5MVA	New Substation

D. LOCAL TOTAL ELECTRIFICATION ROADMAP PROJECTS (2024-2026)

Year	NO. of SITIOS	Length of Lines (circuit kilometer)
2024	31	61.83
2025	163	191.172
2026	223	279.257

CAGAYAN II ELECTRIC COOPERATIVE DATA AND INFORMATION					
AVERAGE RATE OF ELECTRICITY FOR THE YEAR 2023					
CUSTOMER TYPE					
RESIDENTIAL	LOW VOLTAGE CONSUMER			HIGH VOLTAGE CONSUMERS	
	COMMERCIAL	PUBLIC BLDG.	STREET LIGHT	KWh	kW
13.1668	11.8337	11.8337	11.8337	10.2192	454.846

SOURCE: CAGELCO II