
PSPP B
Power Supply Procurement Plan
2025

La Union Electric Cooperative (LUELCO)
BENECO (Sale for Resale – Buyer)

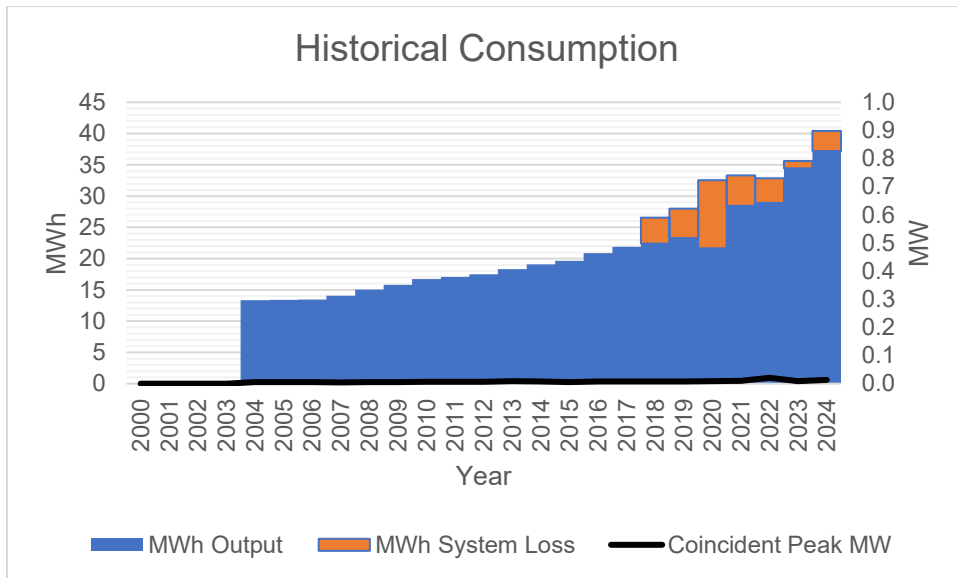
Historical Consumption Data

Table 1: Historical Energy and Demand

	Coincident Peak MW	MWh Offtake	WESM	MWh Input	MWh Output
2000	0.00	0	0	0	0
2001	0.00	0	0	0	0
2002	0.00	0	0	0	0
2003	0.00	0	0	0	0
2004	0.01	21	0	21	13
2005	0.01	21	0	21	13
2006	0.01	21	0	21	13
2007	0.00	22	0	22	14
2008	0.01	23	0	23	15
2009	0.01	25	0	25	16
2010	0.01	26	0	26	17
2011	0.01	26	0	26	17
2012	0.01	27	0	27	18
2013	0.01	28	0	28	18
2014	0.01	29	0	29	19
2015	0.01	30	0	30	20
2016	0.01	23	0	23	21
2017	0.01	25	0	25	22
2018	0.01	27	0	27	22
2019	0.01	28	0	28	23
2020	0.01	33	0	33	22
2021	0.01	33	0	33	28
2022	0.02	33	0	33	29
2023	0.01	36	0	36	34
2024	0.01	40	0	40	37

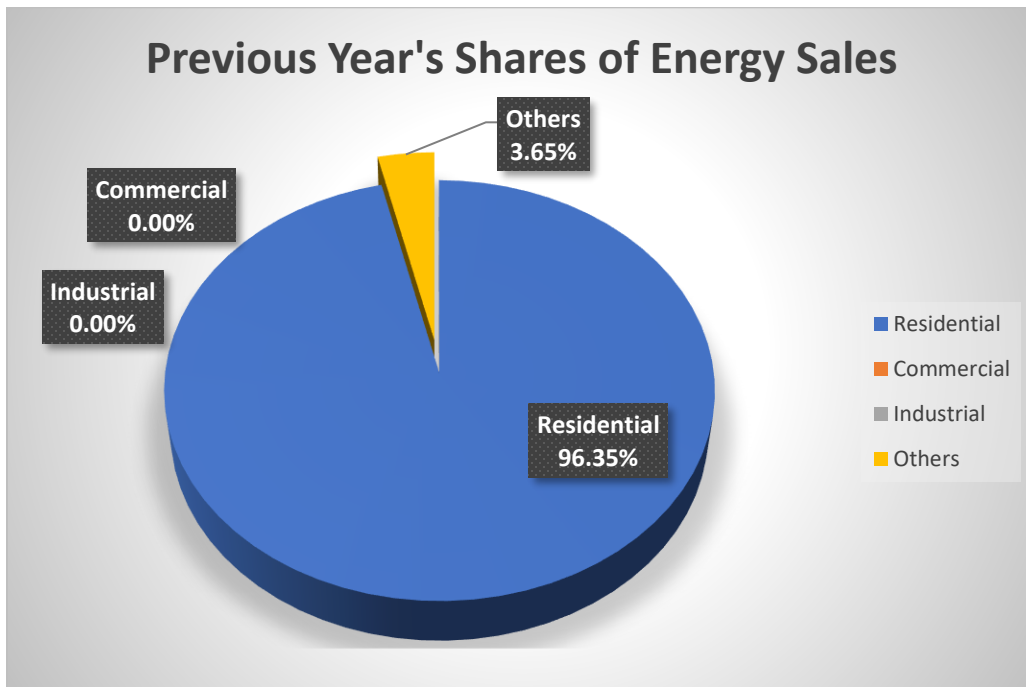
The La Union Electric Cooperative has been the power supplier of the existing member-consumer-owners of BENECO located in the remote areas in the municipality of Tuba. The existing 74 member-consumer-owners will remain to be served by LUELCO while the cooperative is processing the area for the Sitio Electrification Program (SEP). The share of the energy purchase from LUELCO in the overall Energy Purchase of the cooperative is at least 0.01%.

Figure 1: Historical Energy and Demand



The historical energy consumption of the connected consumer was gradually increasing until 2019. It could be observed that the energy consumption in 2020 has significantly decreased due to the COVID-19 pandemic. But beginning 2021, the energy consumption has increased.

Figure 2: 2024 Shares of Energy Sales



The area being served are mainly residential thus, the energy consumption is largely from the residential consumers.

Forecasted Consumption Data

Table 2: Forecasted Energy and Demand

		Coincident Peak MW	MWh Offtake	MWh Output	MWh System Loss
2025	Jan	0.01	3	3	0
	Feb	0.01	3	3	1
	Mar	0.01	3	3	0
	Apr	0.01	4	4	0
	May	0.01	4	3	0
	Jun	0.01	4	3	0
	Jul	0.01	3	3	0
	Aug	0.01	4	3	0
	Sep	0.01	4	3	0
	Oct	0.01	3	3	0
	Nov	0.01	3	3	0
	Dec	0.01	4	3	1
2026	Jan	0.01	4	3	0
	Feb	0.01	3	3	1
	Mar	0.01	4	3	0
	Apr	0.01	4	4	0
	May	0.01	4	4	0
	Jun	0.01	4	4	0
	Jul	0.01	3	3	0
	Aug	0.01	4	3	0
	Sep	0.01	4	4	0
	Oct	0.01	3	3	0
	Nov	0.01	4	3	0
	Dec	0.01	4	3	1
2027	Jan	0.01	4	3	0
	Feb	0.01	4	3	1
	Mar	0.01	4	4	0
	Apr	0.01	5	4	0
	May	0.01	4	4	0
	Jun	0.01	4	4	0
	Jul	0.01	4	3	0
	Aug	0.01	4	4	0
	Sep	0.01	4	4	0
	Oct	0.01	4	3	0
	Nov	0.01	4	3	0
	Dec	0.01	4	3	1
2028	Jan	0.01	4	4	0
	Feb	0.01	4	3	1
	Mar	0.01	4	4	0
	Apr	0.02	5	5	0
	May	0.01	4	4	0

	Jun	0.01	4	4	0
	Jul	0.01	4	3	0
	Aug	0.01	4	4	0
	Sep	0.01	4	4	0
	Oct	0.01	4	4	0
	Nov	0.01	4	4	0
	Dec	0.01	4	3	1
2029	Jan	0.01	4	4	0
	Feb	0.01	4	3	1
	Mar	0.01	4	4	0
	Apr	0.02	5	5	0
	May	0.01	5	4	0
	Jun	0.01	5	4	0
	Jul	0.01	4	4	0
	Aug	0.01	4	4	0
	Sep	0.01	4	4	0
	Oct	0.01	4	4	0
	Nov	0.01	4	4	0
	Dec	0.01	4	3	1
2030	Jan	0.01	4	4	0
	Feb	0.01	4	4	1
	Mar	0.01	4	4	0
	Apr	0.02	5	5	0
	May	0.01	5	5	0
	Jun	0.01	5	5	0
	Jul	0.01	4	4	0
	Aug	0.01	5	4	0
	Sep	0.01	5	4	0
	Oct	0.01	4	4	0
	Nov	0.01	4	4	0
	Dec	0.01	5	3	1
2031	Jan	0.01	5	4	0
	Feb	0.01	4	4	1
	Mar	0.01	5	4	0
	Apr	0.02	6	5	0
	May	0.02	5	5	0
	Jun	0.02	5	5	0
	Jul	0.01	4	4	0
	Aug	0.01	5	4	0
	Sep	0.02	5	5	0
	Oct	0.01	4	4	0
	Nov	0.01	5	4	0
	Dec	0.02	5	4	1
2032	Jan	0.01	5	4	0
	Feb	0.01	4	4	1
	Mar	0.02	5	5	0
	Apr	0.02	6	6	0
	May	0.02	5	5	0
	Jun	0.02	5	5	0
	Jul	0.01	5	4	0
	Aug	0.02	5	5	0
	Sep	0.02	5	5	0

	Oct	0.01	5	4	0
	Nov	0.01	5	4	0
	Dec	0.02	5	4	1
2033	Jan	0.02	5	5	0
	Feb	0.01	5	4	1
	Mar	0.02	5	5	0
	Apr	0.02	6	6	0
	May	0.02	5	5	0
	Jun	0.02	5	5	0
	Jul	0.01	5	4	0
	Aug	0.02	5	5	0
	Sep	0.02	5	5	0
	Oct	0.01	5	5	0
	Nov	0.02	5	5	0
	Dec	0.02	5	4	1
2034	Jan	0.02	5	5	0
	Feb	0.02	5	4	1
	Mar	0.02	5	5	0
	Apr	0.02	6	6	0
	May	0.02	6	5	0
	Jun	0.02	6	5	0
	Jul	0.02	5	5	0
	Aug	0.02	5	5	0
	Sep	0.02	5	5	0
	Oct	0.02	5	5	0
	Nov	0.02	5	5	0
	Dec	0.02	6	4	1

Figure 3: Forecasted Energy and Demand

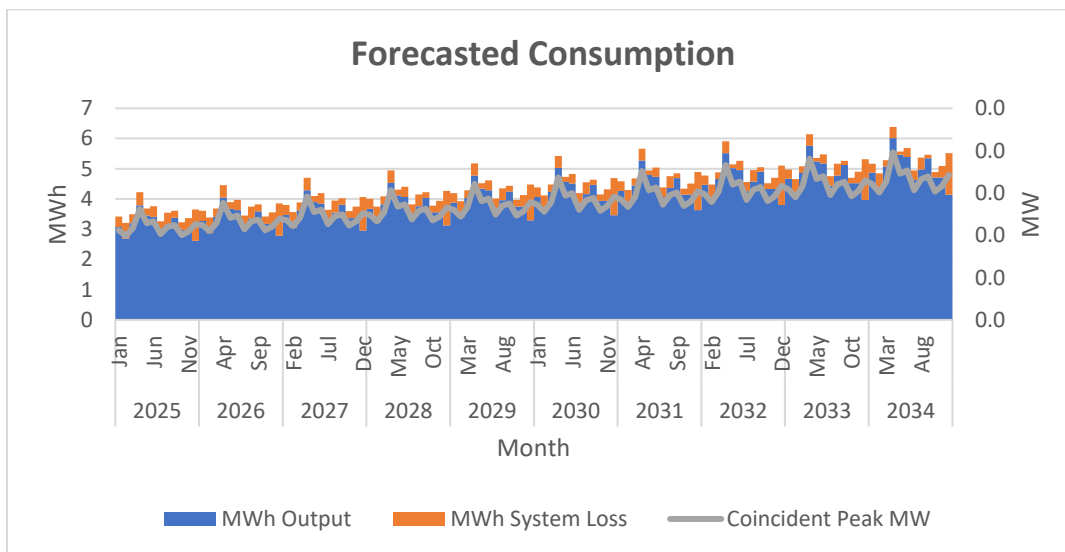
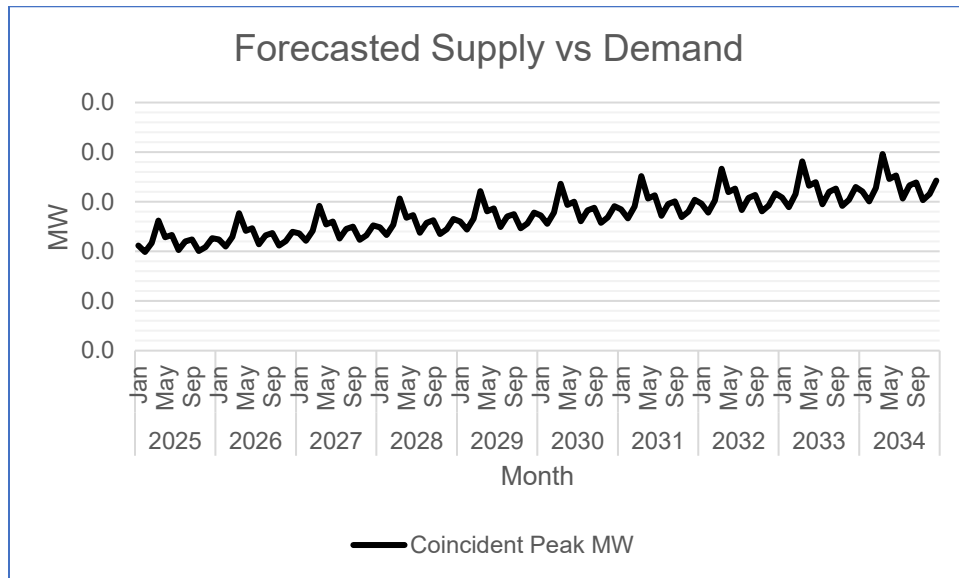


Figure 4: Forecasted Supply versus Demand

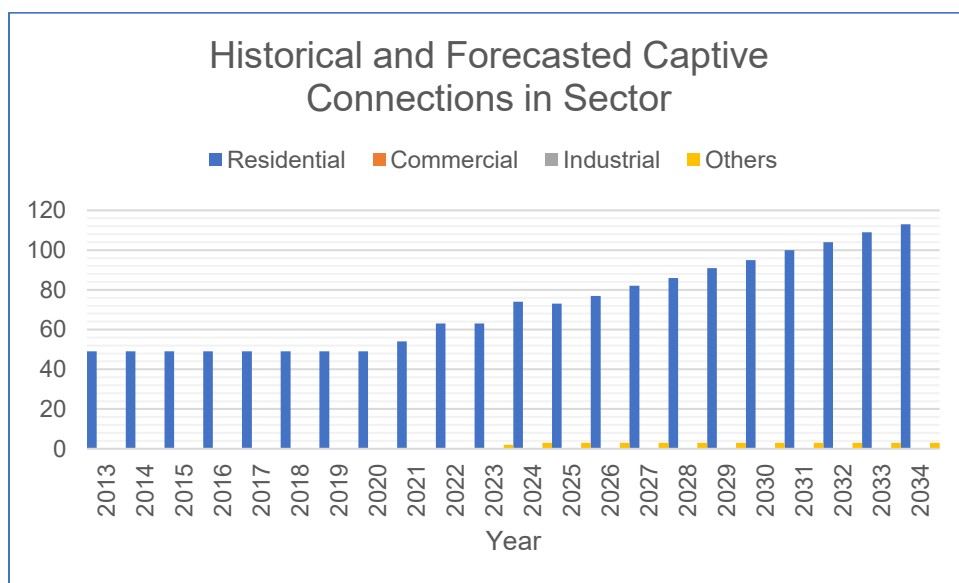


Power Supply

The existing connected consumers in the area are mainly residential and due to its geographical location, the existing set-up with LUELCO will be utilized until such time that BENEKO will be able to construct a new distribution system to connect to its existing distribution system.

Captive Customer Connections

Figure 5: Historical and Forecasted Captive Customer Connections



The historical customer connections of BENEKO from 2013 to 2024 supplied by LUELCO is averaging 54 which is equivalent to 0.02% of the total customers of the cooperative.