



PIONEER COMMUNITY ENERGY

IMPACT ASSESSMENT OVERVIEW
UNINCORPORATED NEVADA COUNTY

September 2023



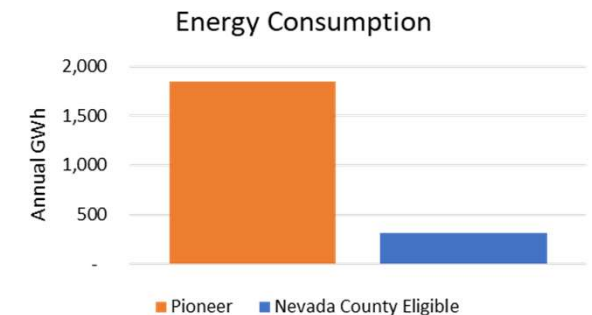
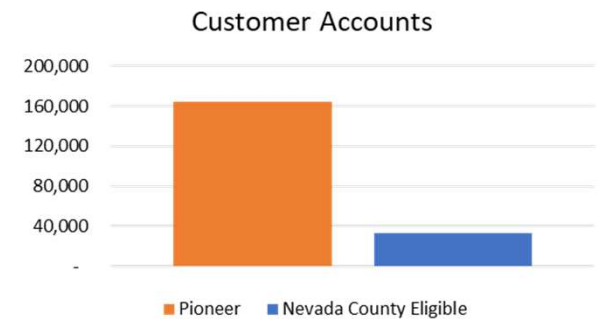
Total Eligible Customer Outlook

Classification	Accounts	Annual Energy (MWh)	Average Usage (kWh/Mo.)
Residential	30,168	260,511	720
Com/Ind	2,114	54,430	2,146
Ag/Pumping	85	1,016	996
Street Lighting	215	310	120
Total	32,582	316,268	809
Peak Demand (MW)	69		

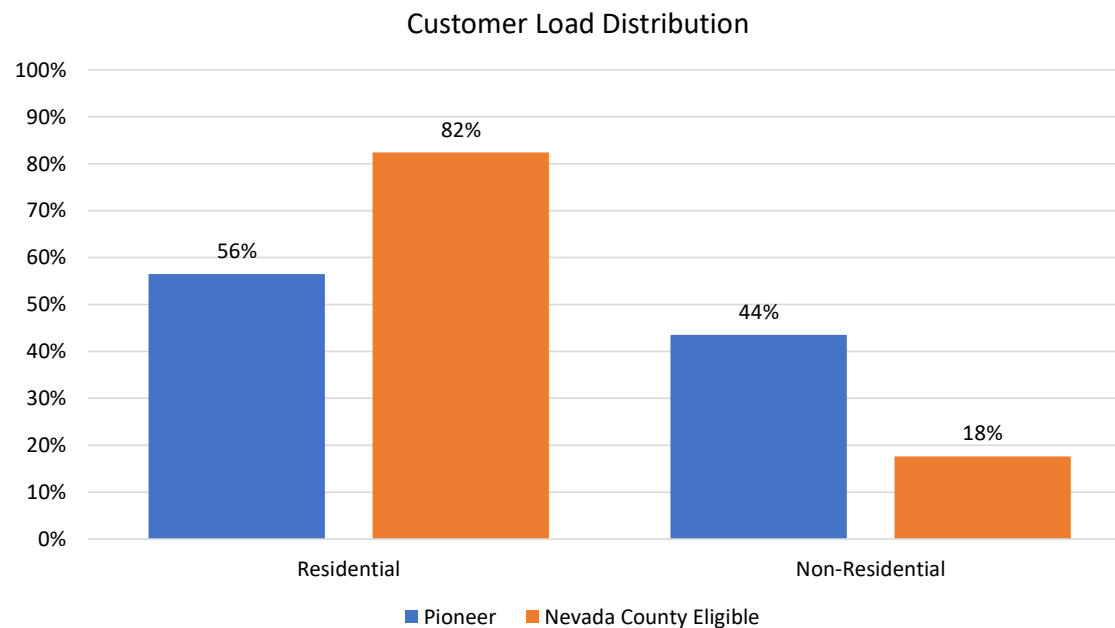
*Standby accounts excluded

Expansion to Nevada County customers could represent an approximate 17% increase to Pioneer retail sales.

Data above are unadjusted for opt-out assumptions.



Customer Load Comparison



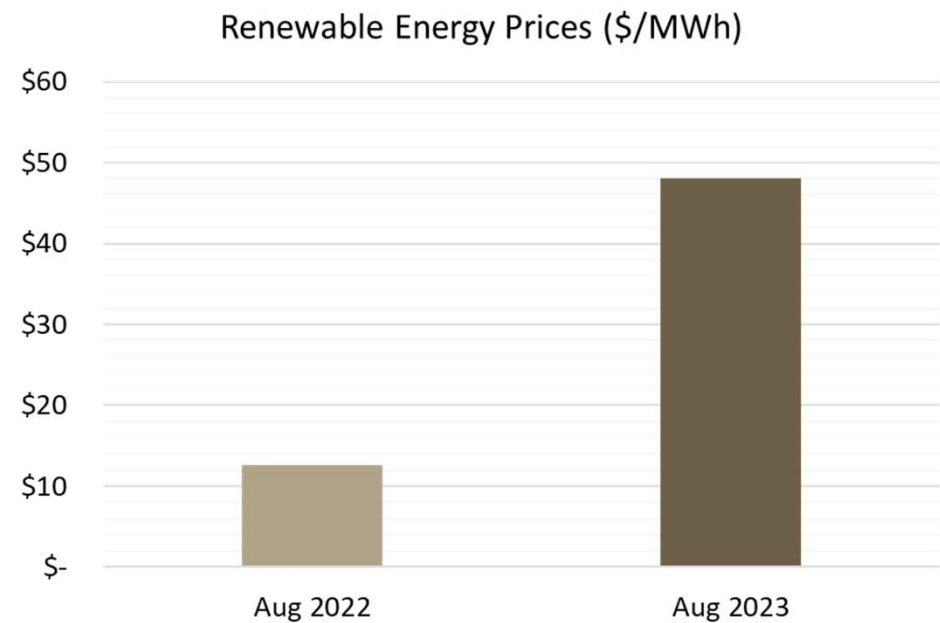
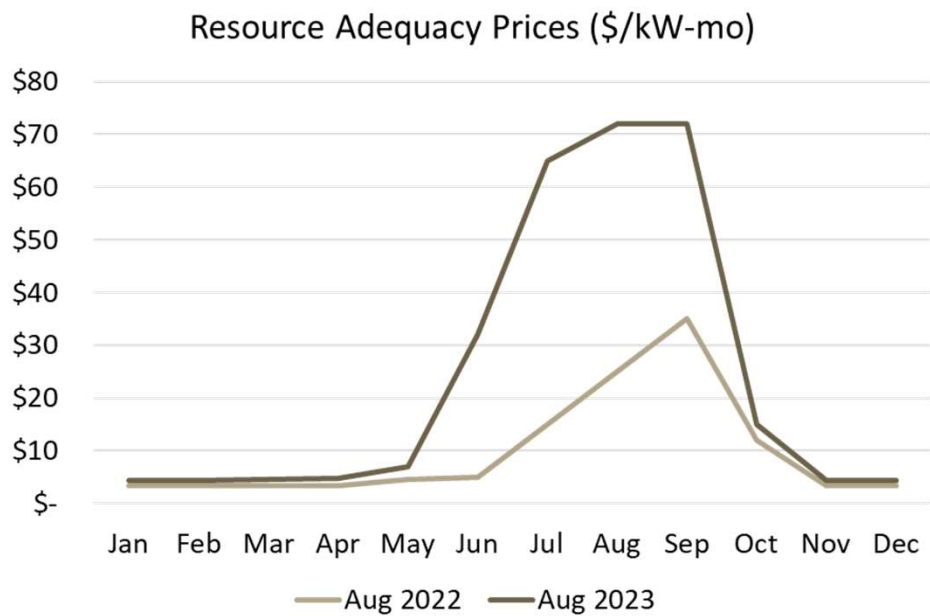
Eligible Nevada County customers represent a proportionately larger residential sector and a smaller commercial sector than Pioneer's current member base.



Key Assumptions

- Start Date: A January 2025 service commencement is reflected in the current expansion analysis, which aligns with earliest possible enrollment date per CPUC rules
- Customers and Sales: forecast is based on historical PG&E data and assumes 90% customer participation
- Revenues: based on expected Pioneer rates for the enrollment year
- Incremental Costs: include power supply valued at current market prices (per Pioneer portfolio specifications) and customer billing.
 - Other implementation costs would be incurred, such as utility service fees, marketing and outreach, regulatory and legal representation, internal operations, resource planning and procurement.

Market Price Updates (\$MM)



Fiscal Impact Summary

(change vs. no expansion case)



	FYE 2025*	FYE 2026	FYE 2027	FYE 2028	Total
Revenue (\$MM)	\$17.97	\$37.06	\$37.25	\$37.43	\$129.72
Operating Expenses (\$MM)	\$17.87	\$49.82	\$51.67	\$52.37	\$171.73
Net Operating Margin (\$MM)	\$0.10	(\$12.76)	(\$14.42)	(\$14.93)	(\$42.02)
Electricity Sales (MWh)	141,076	285,347	286,773	288,207	1,001,403
Avg. Revenue (\$/MWh)	\$127.39	\$129.89	\$129.89	\$129.89	\$129.53
Avg. Expense (\$/MWh)	\$126.70	\$174.60	\$180.18	\$181.70	\$171.49
Avg. Margin (\$/MWh)	\$0.69	(\$44.71)	(\$50.29)	(\$51.81)	(\$41.96)
Avg. Margin (% of Rev)	1%	-34%	-39%	-40%	-32%

*Reflects partial year of service for fiscal year ending June 30, 2025.

Prior to Pioneer expansion, other implementation costs would be incurred. Such costs may be related to utility service fees, marketing and outreach, regulatory and legal representation, internal operations, resource planning and procurement.

Conclusions



- Projected fiscal impacts are negative due to the currently high prices for renewable energy and resource adequacy
- Absent a sharp decrease in market prices, by more than 30%, or Pioneer rate adjustments, expansion would yield negative operating margins
- Wholesale power markets are volatile, and it is possible that market conditions could change before 2025 to make expansion fiscally beneficial