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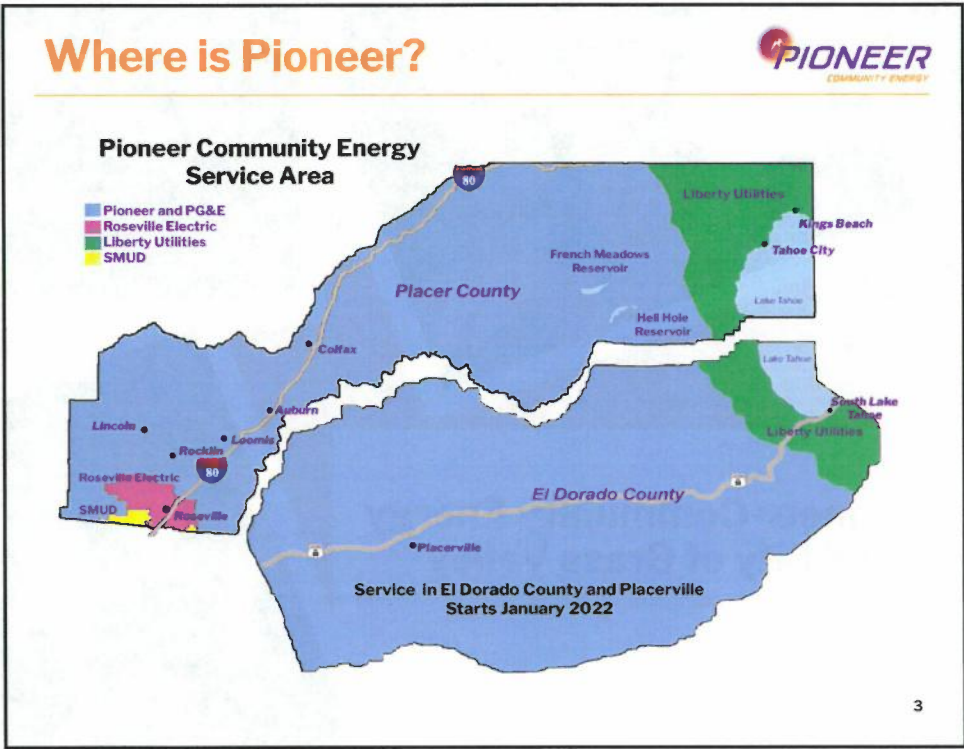
Who is Pioneer?



- Pioneer is a Joint Powers Authority (CCA formed in 2017)
- Local government, not-for-profit partnership between Town of Loomis, Cities of Auburn, Colfax, Lincoln, Placerville and Rocklin, and the Counties of El Dorado and Placer
 - Began providing service in 2018
 - Approximately 160,000 accounts
 - Approximately 1,900,000 MWh load served
- Electricity rates as of March 2022 average **6 to 10% below PG&E's rates** (depending on power charge indifference adjustment vintage)

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Pioneer's Goals

PIONEER
COMMUNITY ENERGY



- Providing electric power and other forms of energy to customers at a competitive cost;
- Promoting long-term electric rate stability and energy security and reliability for residents through local control of electric generation resources and the overall power supply portfolio;
- Carrying out programs to reduce energy consumption;
- Stimulating and sustaining the local economy by developing local jobs in renewable energy; and
- Reducing greenhouse gas emissions related to the use of electric power and other forms of energy in Placer County and neighboring regions.

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Pioneer's Goals in Action



- Provided customers with an estimated \$21 million in savings in discounts to PG&E's rates
 - 2022 (projected) – Expected \$19 million of savings
- In 2020, issued checks totaling over \$192,000 and issued utility bill credits* totaling over \$17,000 to net-energy metering solar customers who generated more energy than they used
- Purchased renewable energy from local resources stimulating local jobs - recently signed a long-term power purchase agreement with El Dorado Irrigation District (hydro project in El Dorado County) and Sierra Pacific Resources (biomass project in Lincoln)

*Utility bill credits are issued where over-generation amounts are under \$25

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Why Join Pioneer?



Pioneer JPA Benefits

Rate Stability

Strategically expanding will 1) improve reserves to weather events that otherwise would cause rate shock and 2) pay off debt

Power Supply Options

A larger load to serve attracts options from credit worthy power suppliers and better pricing.

Jobs Creation

A better margin allows Pioneer to invest in local job creating power supply projects or programs



New Member Benefits

Avoid Start-Up Capital

Potential Member avoids receivables financing and can partake in Pioneer's existing infrastructure compared to spending money building their own

Savings Faster

Potential Member can start enjoying better rates much sooner by joining

Dual Benefits + Pioneer

More Influence

Pioneer and the Potential Member together can have more influence on regulatory/legislative issues than each by itself

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Pioneer Governance



- Pioneer currently has 9 board members
 - 1 each for every member agency
- Placer County has 2 seats as founding member
- Grass Valley would have one seat on board
- Expansion only with like-minded areas



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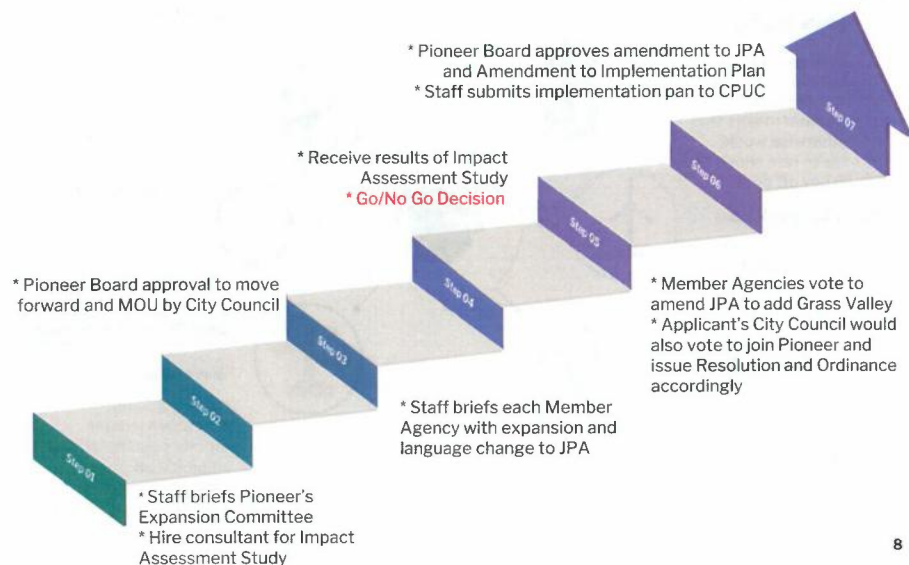
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Summary of Process



Steps 1 – 6 occur in 2022

Grass Valley online early 2024



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Recommendation



- Request that Grass Valley City Council authorize the City Manager to proceed with an Implementation Study, at a cost of \$15,000 to the City (Pioneer funds the other \$15,000) and come back to the council with the results of the study and identify the possible next steps in the process.

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Thank You

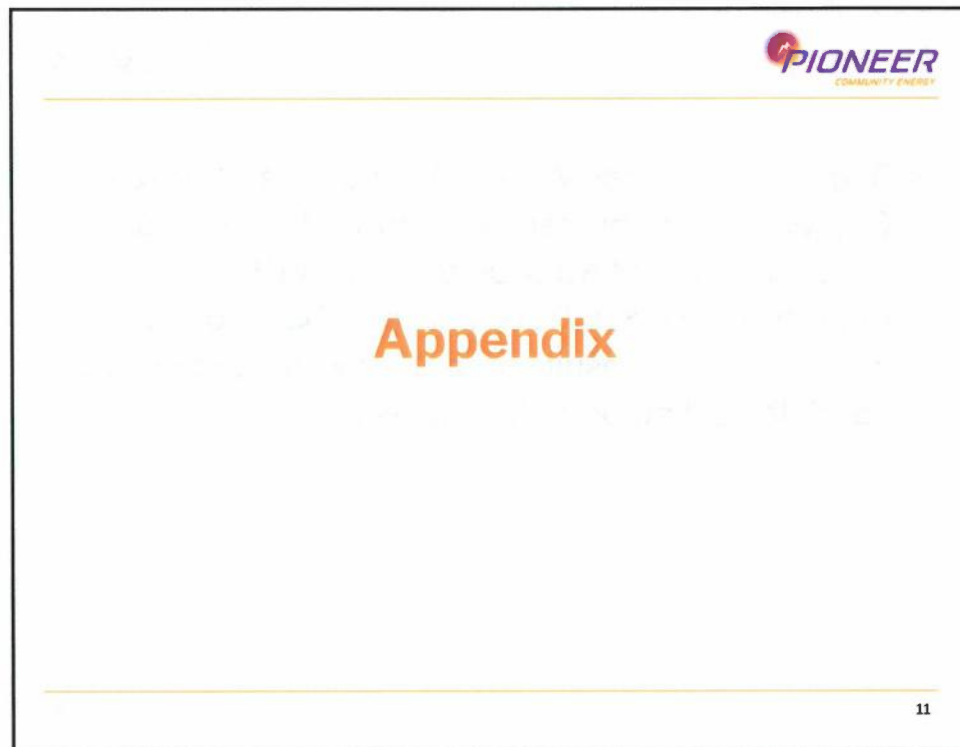


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Rates & PCIA

- Pioneer's Board voted to set rates, as of March 2022, at a discount that ranges from 6 to 10 percent lower than PG&E for generation
- PG&E has already submitted the next round of rate increases to be implemented in summer 2022
- Power Charge Indifference Adjustment is an added "exit fee" that PG&E collects to offset lost revenue related to departed customers
 - Varies by "Vintage Year"

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PG&E vs. Pioneer – March 2022



E-1 Residential (Based on 650 kWh/month usage)	Pioneer Standard	Pioneer Green100	PG&E (Bundled)
Generation Rate (\$/kWh)	\$0.11528	\$0.11528	\$0.15086
Green100 Rate	N/A	\$0.01088	N/A
*PG&E Delivery Rate (\$/kWh)	\$0.17209	\$0.17209	\$0.17209
PG&E Surcharges (\$/kWh)	\$0.02064 - \$0.02653	\$0.02064 - \$0.02653	N/A
Total Electricity Cost (\$/kWh)	\$0.30801 - \$0.31390	\$0.31889 - \$0.32478	\$0.32295
Average Monthly Bill (\$)	\$200.21 - \$204.04	\$207.28 - \$211.11	\$209.92
Average Annual Savings	\$70.59 - \$116.53	(\$14.27) - \$31.67	

- The savings with Pioneer's Generation rate + PCIA vs. PG&E's Generation rate is between 6 and 10 percent
- PG&E has already submitted their next round of rate increases set for June 2022.

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Green 100



- Rate developed at request of customers
 - Similar product not offered by PG&E
- Solely a customer choice program/optional
- \$0.01088 per kWh premium
- An average home will pay about \$7 more per month
- Standard portfolio is 33% renewable vs. Green100 at 100% renewable



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Solar



- Over 30,000 solar customers have joined Pioneer
- Individualized bill analysis has shown solar customers save with Pioneer
- Pioneer pays ½ cent more than PG&E for excess kWh
- Pioneer true-up is monthly vs. PG&E annually
- Pioneer assists customers to understand energy consumption and billing questions



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Advocacy in Action



- Public Safety Power Shutoff – Advocated at CPUC & CCAs
- Enhanced Powerline Safety Settings (Fast Trips) – Raised issue to CPUC & CCAs
- AB 843 – Co-sponsored biomass funding bill
- Local Spending – First option is local vendors
- River Fire – Waived up to \$50,000 in bills

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