

Pioneer Programs: An Overview for El Dorado County Board of Supervisors

May 21, 2024

Introductions

- **Gina Stassi-Vanacore:** Director of Public Affairs, Marketing & Programs, Pioneer Community Energy
- **Paige Garcia:** Program Manager, Pioneer Community Energy
- **Mike Kimball:** Director, Participate.Energy

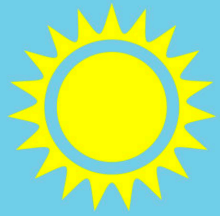
Pioneer & El Dorado County

- **Choice:** An alternative to PG&E for electricity generation
- **Savings:** \$85 million in ratepayer savings since 2018
 - El Dorado County Customers receive 19% savings on the generation portion of their energy bill compared to PG&E
 - Second consecutive year with 19% savings
- **Partnership:** Commitment to community reinvestment
 - \$37 million agreement signed with El Dorado Irrigation District for a 10-year PPA
 - Programs created by the community for the community, with input from our Community Advisory Committee
 - EDHCSD voted to join Pioneer earlier this year

Programs

- **Bi-monthly Customer Advisory Committee** – input from the public on what programs they want; representation from El Dorado County
- **Online Marketplace** – guides customers through the maze of complex information when deciding how to energize their home, and protects them from bad players
- **GreenLite** – subsidized LED lighting through local retailer partners in Pioneer's service area
- **HVAC Tune-Up Rebate** – provide rebates to incentivize tune-ups on home systems to improve efficiency and lower utility bills
- **Demand Side Management** programs coming soon that reward customers/businesses to lower energy usage when the grid is stressed
- **GridGen**- \$0 upfront cost program for residents to host a solar+battery microgrid at their house, which will provide stability to rates and resiliency to grid outages

How Solar + Storage Microgrids Works



DAYTIME OPERATION

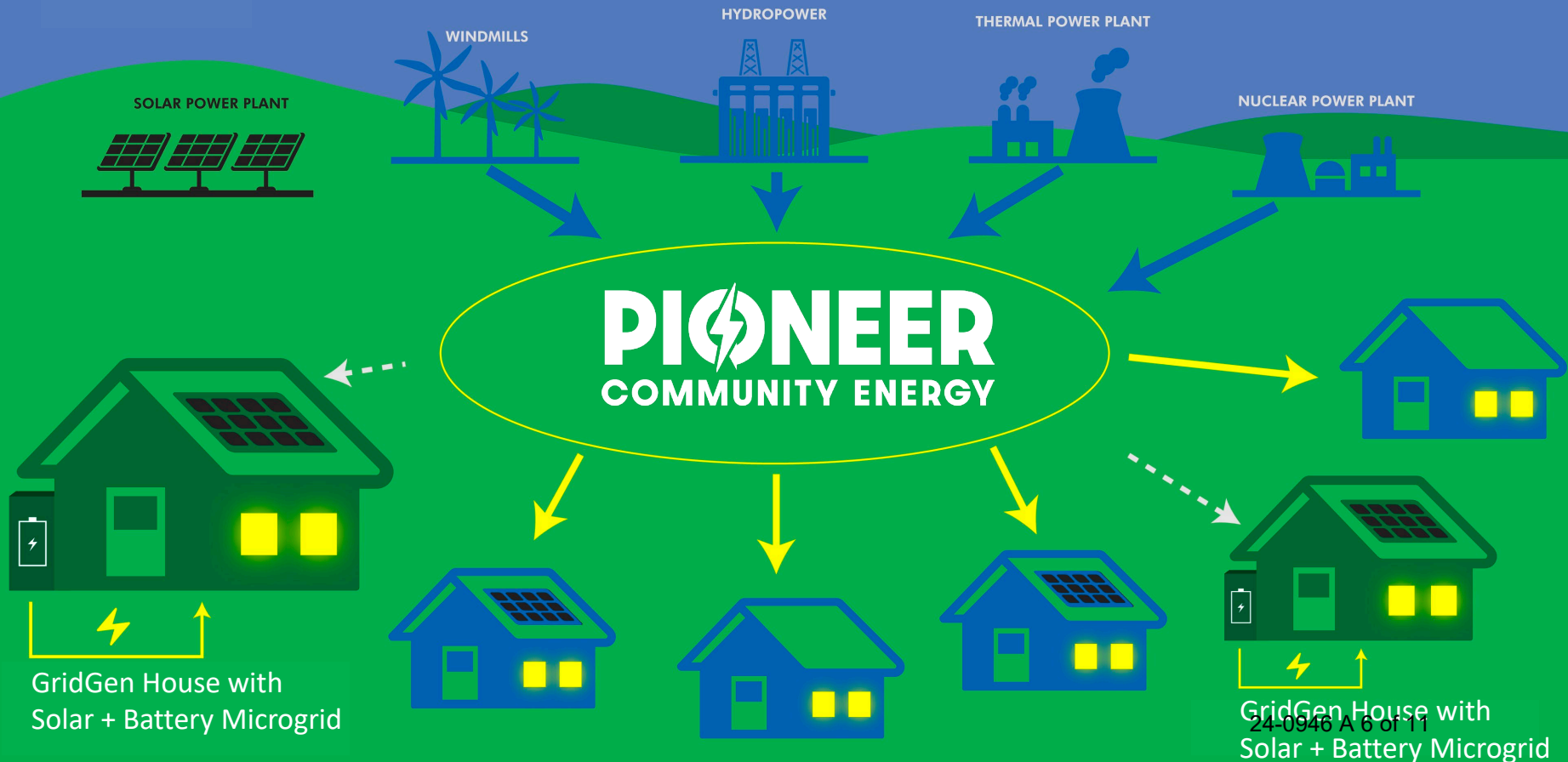


GridGen House with Solar + Battery Microgrid

GridGen House with Solar + Battery Microgrid

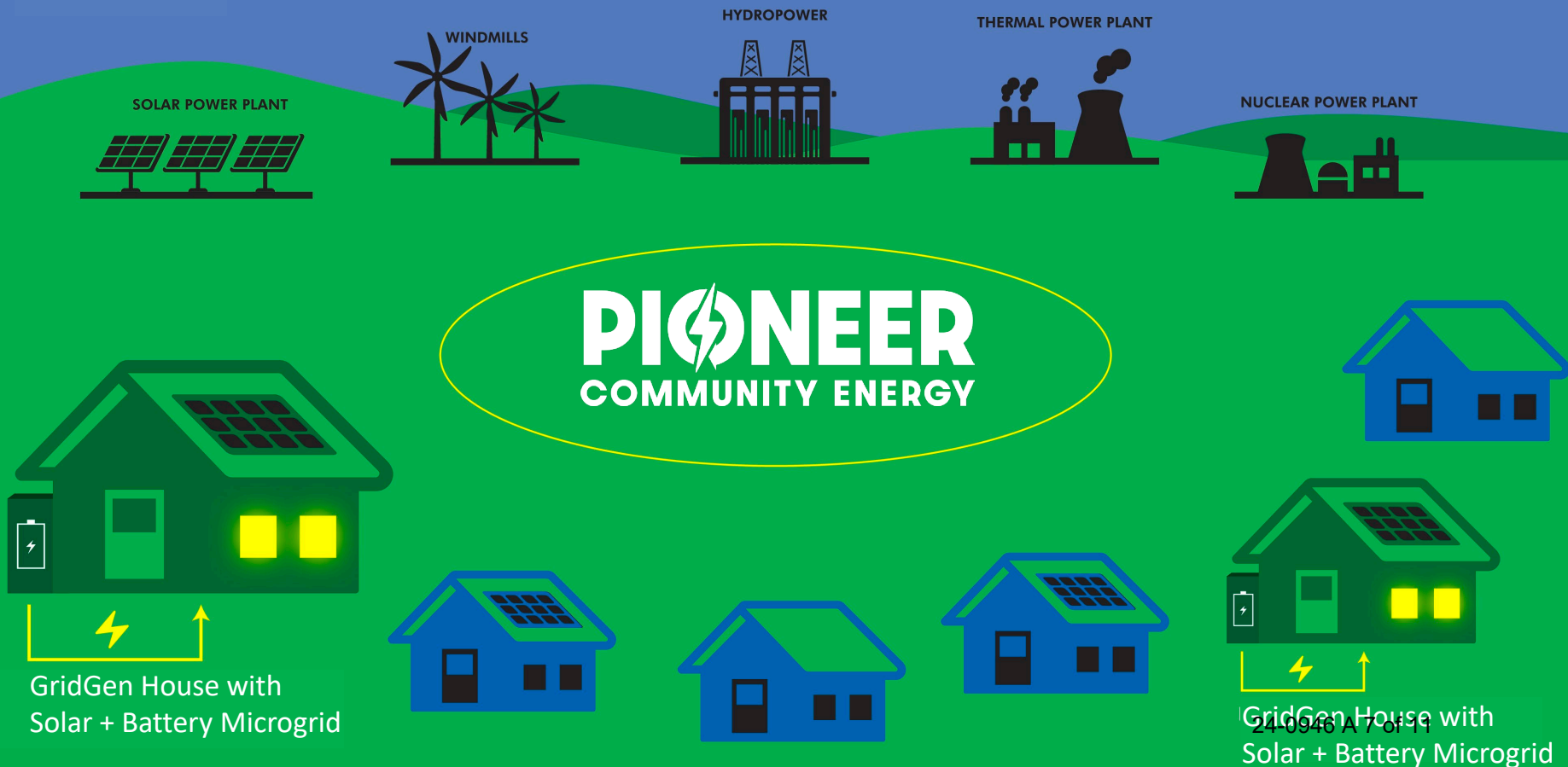
How Solar + Storage Microgrids Works

PEAK DEMAND OPERATION



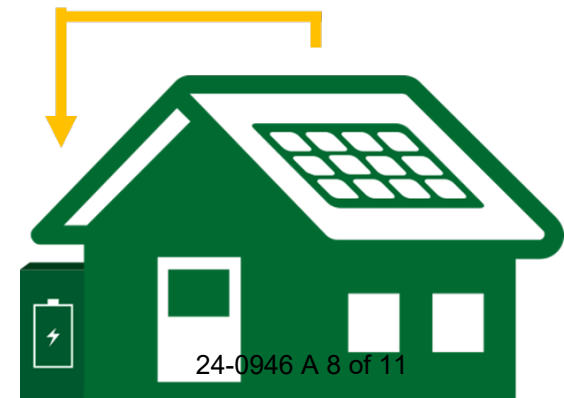
How Solar + Storage Microgrids Works

GRID STRESS—POWER OUTAGE

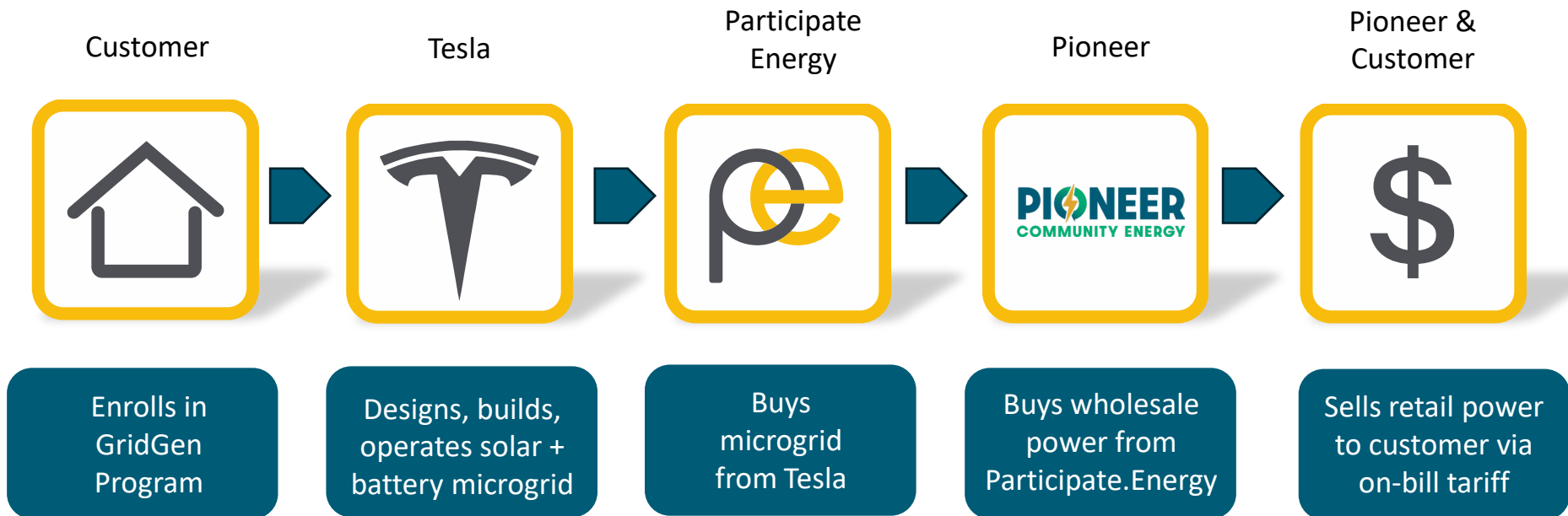


Customer Benefit

- \$0 upfront costs to homeowner for a solar + battery microgrid
- Customer gets the lowest \$/kWh energy price available in the market
- Long-term customer pricing stability locked in for 25 years (1.9% solar escalator & 0% battery escalator)
- Customer significantly protected from rising PG&E delivery rates
- Available to all customers at universal pricing (no FICO score disqualification)
- Seamless transfer to next home buyer
- No operational and maintenance costs to customer
- Up to 125% on-site renewable energy + whole home battery backup power (house has power when PG&E grid is down)
- GridGen is a non-exclusive program (customers not required to sign up)



GridGen Program Process



A woman with long dark curly hair is smiling and looking upwards. She is wearing a necklace with circular pendants. In the background, her hands are visible, working on a solar panel installation. The entire image is overlaid with a semi-transparent teal filter.

GridGen Phase 2

- Battery only retrofit to existing solar customers (residential and C&I)
- Commercial & industrial
- CARE strategy

Thank you for having us here!

Learn more about us.

