

ADVANCED ENERGY REBUILD

Presented by Sonoma Clean Power, PG&E, and BAAQMD



Program Goals

- Make it easy for homeowners to participate.
- Massively increase existing incentives.
- Incentivize Title 24 2019 and low carbon strategies.
- Offer as much incentive up front as possible.
- Provide additional educational resources for homeowners, architects, contractors, consultants.

Early Progress

- Total Applications Submitted: 5
 - Total Homes: 100 (4 single family, 96 multifamily)
- All-Electric Applications Submitted: 2
- E-mails to SCP about Advanced Energy Rebuild: 256
- People Signed up for Advanced Energy Rebuild mailing list: 277
- Website Views for Advanced Energy Rebuild: 4,264
- Social Media “reaches” for Advanced Energy Rebuild ads: 20,408
- Social Media “reaches” for Advanced Energy Rebuild video: 12,638
- Total Advanced Energy Rebuild trainings: 16
- Number of CEAs applying for certification as a result of program: 10

Advanced Energy Home Incentive - \$7,500

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Advanced Energy Home

\$7,500

Flexible Performance Path

- 20% above Title 24 energy code
- 220V outlet at stove/range, water heater, and clothes dryer
- Design roof for additional structural loads associated with solar panels, and add conduit for future installation
- Electric Vehicle Charging Station - Equipment free from Sonoma Clean Power

\$7,500

Simple Menu-Based Path

- 2016 Title 24 High Performance Walls or 2016 Title 24 High Performance Attics (note: unvented attic can qualify)
- 2019 Code windows (Max U-factor 0.30, SHGC 0.23)
- High efficiency water heater: Heat Pump Water Heater w/ EF of 3.0+ or gas tankless w/ EF of 0.92 and 220v outlet
- Heating/cooling ducts that are well sealed, insulated (R-8), and located primarily in conditioned space (note: buried ducts as defined by Title 24 can qualify)
- WaterSense efficient plumbing fixtures
- Water efficient landscaping
- Energy Star Appliances
- 220V outlet at stove/range and clothes dryer
- Electric Vehicle Charging Station – Equipment free from Sonoma Clean Power

All-Electric Home Incentive - \$12,500

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All Electric Home

\$12,500

Flexible Performance Path

- 20% above Title 24 energy code, all electric end uses
- Design roof for additional structural loads associated with solar panels, and add conduit for future installation
- Electric Vehicle Charging Station - Equipment free from Sonoma Clean Power

\$12,500

Simple Menu-Based Path

- 2016 Title 24 High Performance Walls
- 2016 Title 24 High Performance Attics (note: unvented attic can qualify)
- Insulation Inspected by a HERS Rater (QII)
- Building Enclosure Airtightness verified by a HERS Rater (less than 3 ACH50)
- "Cool" Roof
- 2019 Title 24 Windows (Max U-factor 0.30, SHGC 0.23)
- NEEA Tier 3 Heat Pump Water Heater w/ grid-integration controls installed
- High efficiency heat pump for heating/cooling (EER of 12.5+, HSPF of 9.5+)
- Heating/cooling ducts that are well sealed, insulated (R-8), and located primarily in conditioned space (note: buried ducts as defined by Title 24 can qualify)
- Smart Thermostat
- WaterSense efficient plumbing fixtures
- Water efficient landscaping
- Induction Cooking
- Energy Star Appliances for all Refrigerators, Dishwashers, Clothes Washers, and Bathroom Fans
- Heat Pump or Electric Clothes Dryer
- Electric Vehicle Charging Station – Equipment free from Sonoma Clean Power

For Either Option - \$5,000 Kicker for Renewable Homes (\$12,500 or \$17,500 total)

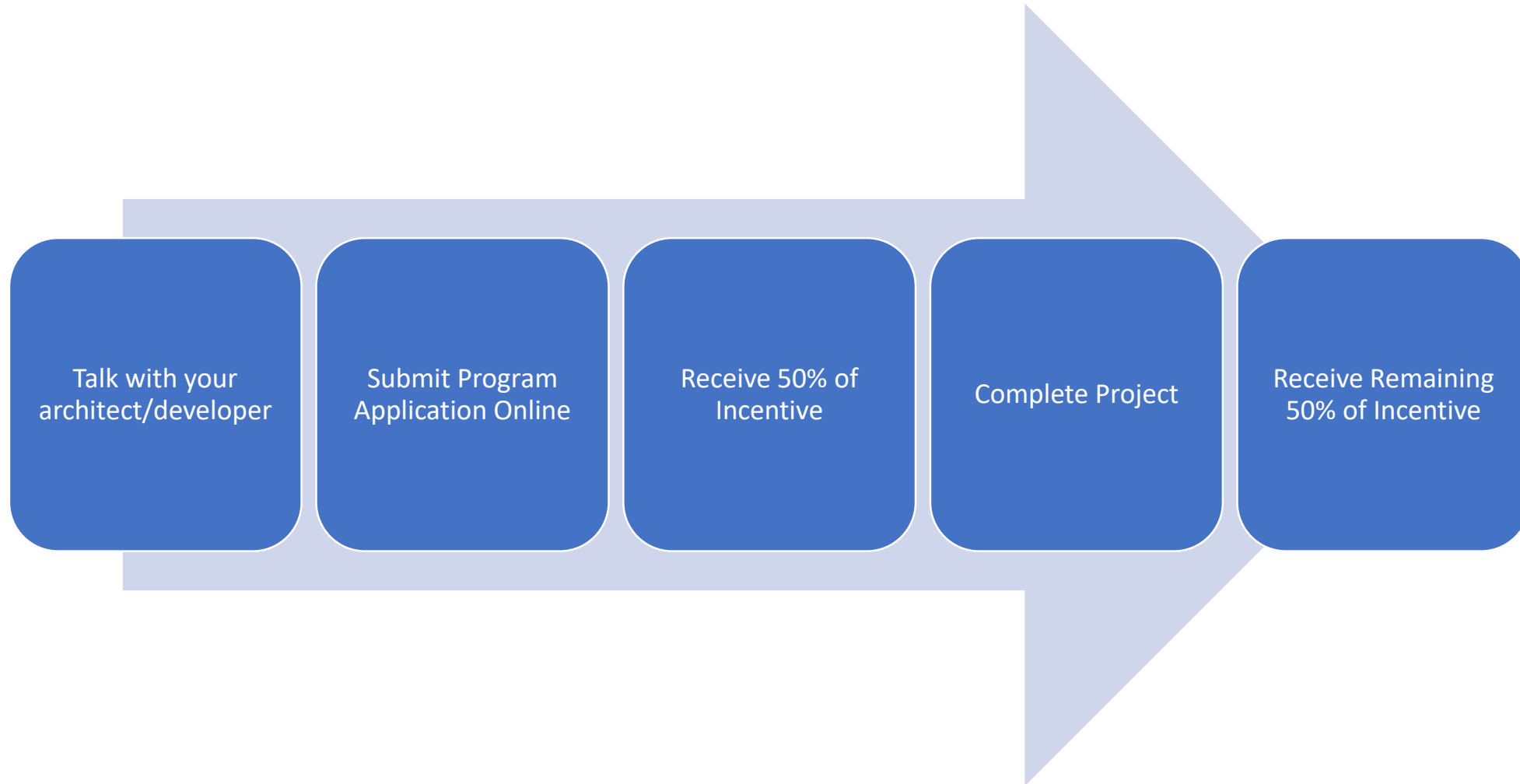


Add solar to either option

\$5,000

- Solar panel system designed to offset annual electric usage with 7.5 kWh battery storage system
- OR
- Pre-purchase of 20-year premium on 100% local renewable power (e.g., EverGreen).

How to Apply and Next Steps



Additional Resources

- Educational Classes at North Coast Builder's Exchange
- Certification Courses (and discounts!) for Certified Energy Analysts and HERS Raters
- Consultations with Energy and Sustainability
- Induction Cooktop Lending Program
(<https://sonomacleanpower.org/inductioncooking/>)



Questions?

Visit the program website at

<https://sonomacleanpower.org/advancedenergyrebuild/>

or e-mail programs@sonomacleanpower.org