

A large, stylized graphic on the left side of the slide. It features a light green outline of a lightbulb. Inside the bulb, there is a light blue checkmark. The base of the bulb is represented by several horizontal, rounded rectangular segments in shades of green.

Existing Buildings Electrification Contracts

Executive Committee, June 8, 2020

Existing Buildings Electrification Plan Summary

In May 2020, the Board approved a four-year \$6.1 million Existing Building Electrification plan. Initial programs outlined were:

1. Heat Pump Water Heater (HPWH) Program

- Gas to Incentives to HPWH replacement incentives. Combine with BayREN incentives.

2. Low Income Healthy Home & Electrification Program

- Turnkey no-cost home upgrades, energy efficiency, and electrification for low-income residents.

3. Harvest Thermal Technology Pilot

- Pilot combined space and water heating system with load shifting thermal storage and potentially lower cost than separate retrofits.

Heat Pump Water Heater Contract: Request

Program: Heat Pump Water Heater (HPWH) Program

Request: Delegate authority to CEO to execute contract with CLEAResult to administer the HPWH program

Amount: Up to \$3 million over 4 yrs

CLEAResult Contract for HPWH Program

Overview & Objective

- Water heater replacement incentives to single family customers
- Foster early market, develop workforce, create jobs

Approach

- Integrated with BayREN Home+ program to layer incentives and streamline customer experience
- PCE incentive \$1,000 – 1,500/unit (+1,000 from BayREN) & if needed \$1,500/service panel upgrade
- Develop contractor network fed by existing training program

Administrator – CLEAResult

- National consultancy firm, CA focus, 80+ local Bay Area staff
- Selected by BayREN through public solicitation process
- PCE's EV Ready Infrastructure Program selected partner

CLEAResult Contract for HPWH Program

Contract Scope of work

- Make enhancements to existing customer & contractor application portal
- Train Home Energy Advisors & participating contractors on benefits of electrification and PCE program
- Review applications and process PCE incentive payments (in conjunction with BayREN's)
- Provide regular reporting and supporting documentation

Budget

- Total: up to \$3 M over 4 yrs
- \$2.75 M reserved for customer incentives to replace ~1,200 water heaters
- Up to \$250,000 in CLEAResult administration: ~\$25,000 start up fee, ~\$60 fee per application

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