



Meeting Date: November 13, 2023

Subject: Building Electrification / Solar Webpage Updates

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Background

In late 2022, two electrification resource webpages were added to the Environmental Commission section of the City's website as a guide for residents interested in switching to electric. The webpage provides information on electric appliances, available rebates, solar panels and battery storage, and more.

Discussion

Review proposed updates to both webpages, provided by Chair Delagneau.

Building Electrification Resource Page

Changes to the rebate section:

- BayRen rebate for heat pump water heater is now \$400 instead of \$1,000
- BayRen rebate for heat pumps is now \$400 for ductless and central instead of \$1,000
- Bayren rebate for induction cooktop is now \$250 instead of \$750
- Whole building electrification from CA energy smart homes should read up to \$6,950 in 2023 and up to \$5,500 in 2024
- Multifamily low rise up to \$4,550 in 2023 and \$3,050 in 2024.

Changes/additions to Inflation Reduction Act section:

Addition of the different types of credits available:

- [Energy efficiency home improvement credits](#) for exterior doors, windows, skylights and insulation materials, central air conditioners, water heaters, furnaces, boilers and heat pumps, biomass stoves / boilers and home energy audits

- [Residential Clean energy Credits](#) for Solar, wind and geothermal power generation, Solar water heaters, Fuel cells, Battery storage

Credits can cover up to 30% of the expense incurred for qualified energy improvements until 2032.

Residential Solar Resource Page

Changes to paragraph 2:

- Original language: The price of solar panels has come down significantly in the past 15 years. Thanks to the passing of the Inflation Reduction Act of 2022, [solar tax credits are being extended through 2034 and will start at 30%](#) and step down to 22% in the last year of the program. As a result, the cost of installing a new solar panel system can be paid back in less than 10 years¹.
- Updated language: The price of solar panels has come down significantly in the past 15 years. Thanks to the passing of the Inflation Reduction Act of 2022, [solar tax credits start at 30%](#) and will step down to 22% only in the last year of the program¹.