

# Complete Energy Solutions

## Investing in Carbon-Free Go Electric Projects

Case study: Sierra Valley Mechanical

### Project details

#### Building type

Office

#### Square footage

1,700 ft<sup>2</sup>

#### Estimated lifetime carbon savings

20 tons  
(equivalent to 4 cars removed from the road)

#### Incentive amount

\$2,462

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Having been in the HVAC trade for 30 years, the issues I used to tell people they would experience with heat pumps have really been shattered by the work we did in our own office. The performance of the heat pumps now is dramatically advanced from what it used to be.

- Mike Hlavay  
President  
Sierra Valley Mechanical



Sierra Valley Mechanical has experience on both sides of the SMUD Complete Energy Solutions (CES) program. As a participating contractor and program participant, Sierra Valley Mechanical is investing in converting gas equipment to electric alternatives.

For president Mike Hlavay, the decision to Go Electric was impacted by more than just the increased incentives available for electrification projects. He supports SMUD's mission to reduce carbon emissions and take action on climate.

In their office, Sierra Valley Mechanical replaced an old gas furnace with a highly efficient electric mini-split heat pump system. The technology advancements have made it easier to switch to electric heat pumps without sacrificing on comfort, with heat pumps performing well even in very cold temperatures.

As a CES contractor, Sierra Valley Mechanical also helps customers Go Electric. They have worked with business owners to install electric heat pump water heaters and understand the benefits of switching to electric technology. "The more involved I'm getting into this, the more I'm becoming a true believer in electrification," Mike said.

### Installed Measures



Go Electric



HVAC

CES supports site assessments, energy efficient upgrades, gas-to-electric conversions, EV charger installations and much more!

Get started by submitting an interest form: [smud.org/CES](https://smud.org/CES)

This program is brought to you by SMUD and delivered by TRC and Brighton Energy. | [CES@trccompanies.com](mailto:CES@trccompanies.com) | 1-844-529-4084

