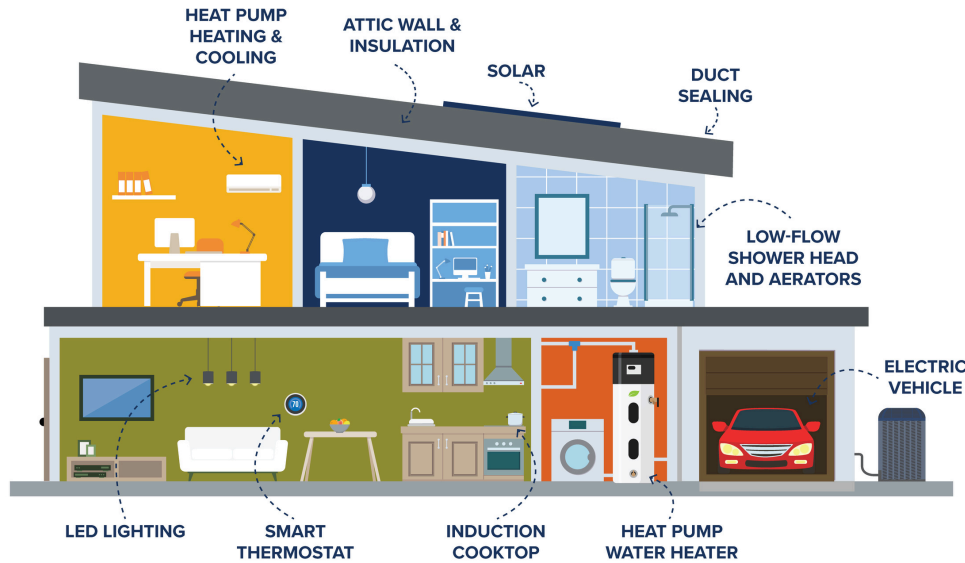
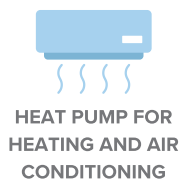


# ELECTRIFY FOR A CARBON-FREE HOME



## What's an all-electric home and why is it better for the planet?

Homes that burn fossil fuels will always generate greenhouse gas emissions. All-electric homes that run on clean energy are carbon-free! Homes typically burn gas for space and water heating, cooking, and clothes drying. All-electric homes replace these gas systems with modern and efficient electric appliances that are 3-5 times more efficient than their gas counterparts and have no combustion risks. Some electrification projects also lower utility bills.



HEAT PUMP FOR HEATING AND AIR CONDITIONING



HEAT PUMP WATER HEATER



INDUCTION COOKTOP

CLOTHES DRYER



## Local, State & Federal Programs Make Electrification Affordable



- For residents of Ventura, Santa Barbara and SLO Counties
- Single family homes and multifamily properties are eligible
- Incentives for nearly any project that saves energy, as well as for gas to electric conversions



[INCENTIVES.SWITCHISON.ORG](https://www.incentives.switchison.org)

- For residents of California
- Single family homes and multifamily properties are eligible
- Incentives for heat pump water heaters and heat pumps for heating & cooling



[3CENERGY.ORG/REBATES](https://www.3cenergy.org/rebates)

- For most residents of Santa Barbara and SLO Counties
- Homes/buildings receiving electricity from 3CE are eligible
- Incentives for heat pump water heaters and heat pumps for heating & cooling



- For American tax payers
- Tax credits for many types of measures: electric panels, solar, batteries, heat pumps, heat pump water heaters, weatherization, energy audits, etc.



# MYTH BUSTING: COMMON MISCONCEPTIONS ABOUT ELECTRIFICATION



## Will more electric appliances cause grid outages?

State agencies and utilities are working together to improve existing grid capacity to combat this. In the long run, new electrification technology will lead to more opportunities to control demand on the grid, and therefore cause fewer outages.

## Why don't we just use less energy instead of electrifying more appliances that connect to the grid?

Even the most energy efficient gas appliances generate greenhouse gas emissions when they're used. On the other hand, fully electric appliances that are powered with clean energy are carbon-free to operate. Customers in our region can already purchase clean energy from their local community choice aggregator, or by installing rooftop solar.

## Will more electrification mean higher utility bills?

Several factors influence your utility bill: the cost of energy in your region, the efficiency of your appliances, and how you use energy in your home. If you own a heat pump or an electric vehicle, many utilities provide special rates, in addition to local incentives.

## Will I need a panel upgrade to electrify my home?

It depends on the capacity of your electric panel and the loads you are adding. Some people are able to electrify without an upgrade, while others do require an upgrade. Electrification planning to select the most efficient equipment and consider panel optimization strategies, can help avoid unnecessary panel upgrades.

## Don't electric stoves perform worse than gas stoves?

No, in fact a 2021 Consumer Reports assessment found that induction ranges out performed their gas counterparts most of the time at high heat, low heat, baking and broiling.

## Do heat pumps really heat my home as well as my furnace?

Yes. Heat pumps are a common technology that effectively heat *and* cool homes. Heat pumps are well suited to the Central Coast climate, which doesn't experience much extreme cold. However, even in the state of Maine where temperatures reach sub-zero, heat pumps are a popular choice.

## What are the benefits to switching to electric?

Electrifying your home not only helps you live in a cleaner and healthier indoor environment, but it also contributes to reducing air pollution and the emissions that cause climate change.

## Aren't electric appliances expensive to install?

You may be surprised to find it isn't always more expensive to install an electric appliance rather than a gas-powered version. Especially with rebates and tax credits, these projects can be made more accessible. It's recommended to do your research and receive multiple bids from contractors.

