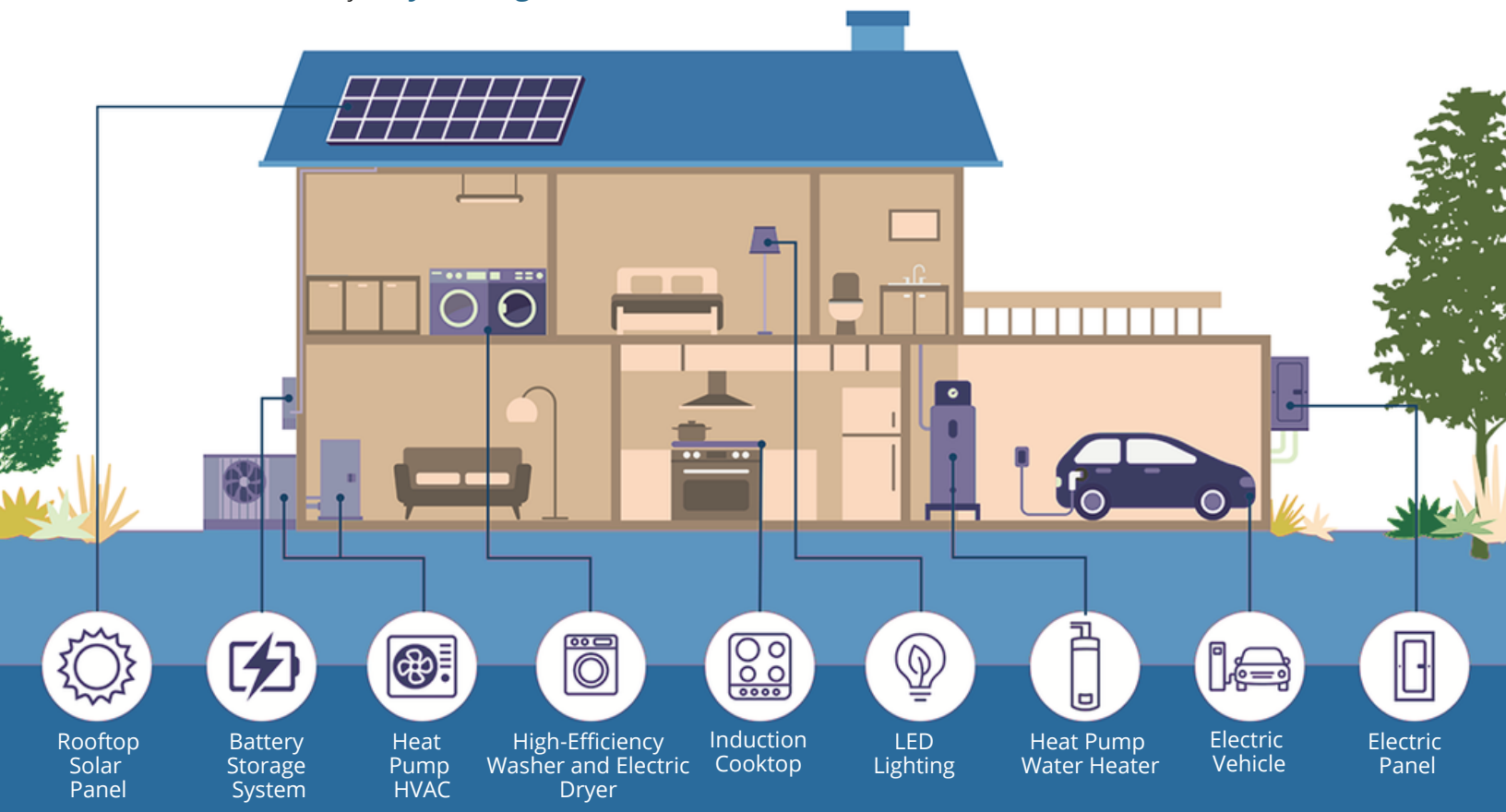


BENEFITS OF AN ALL-ELECTRIC LIFESTYLE

BAYREN



An all-electric home with an electric car costs about half as much to operate and uses about one-third of the energy of a typical California home with gas appliances and a gas car. All-electric homes are healthier because they improve indoor air quality and home comfort. When equipped with rooftop solar and/or your utility's clean energy option, your home can help us combat climate change! In addition to electrifying your home, check with the Bay Area Regional Energy Network (BayREN) to learn about the energy efficiency upgrades you can make to save even more money: [BayREN.org/homes](https://www.bayren.org/homes)



Rooftop Solar Panels provide clean electricity. If you can't add solar to your home or if your solar energy system can't handle all your usage, opt for your utility's clean energy option.

Battery Storage Systems captures electricity from solar panels during the daytime and allows you to use it when electricity rates are higher during the nighttime.

Heat Pump HVAC is an electric heating and air conditioning system. Common home systems include ducted or ductless mini-split systems. During the summer, a heat pump HVAC makes your home cooler by transferring heat from inside your home to the outside. During the winter, it pulls heat from outside your home to warm it up.

High-Efficiency Washer and Electric Dryers remove more water from clothes, which means less time and energy spent on drying clothes. Many electric dryers on the market can be installed as easily as their gas alternatives.

Induction Cooktops are a safer and energy-efficient alternative to gas and radiant electric cooktops. Compared to gas, these cooktops heat 2x as fast, provide more temperature control, and significantly reduce air pollution inside your home.

LED Lighting uses 75% less energy than incandescent lighting, lasts 25 times longer, and doesn't contain mercury.

Heat Pump Water Heater are 2-3x more efficient than gas water heaters. They use electricity to move heat from the surrounding air into the tank to heat water.

Electric Vehicles can be charged with a rooftop solar system and battery storage system or your utility's clean energy option. Replacing a gas-powered vehicle with an electric vehicle reduces the outdoor air pollution that we breathe-in.

Electric Panel upgrades may be needed when you install solar, switch to electric appliances, or add an electric vehicle charger. Talk to an electrician about including enough capacity in the panel to make the switch from gas to electric in the future.

REBATES & RESOURCES



GET STARTED

BayREN's Home Energy Advisors offer free consultation to homeowners and renters and provide guidance on resources and rebates! Schedule your appointment at [BayREN.org/energy-advisor](https://www.bayren.org/energy-advisor), email advisor@bayren.org, or call **866-878-6008**!

Meet Your Local Energy Providers

Contact your energy provider to switch to a cleaner energy source. Many Santa Clara County residents are serviced by Silicon Valley Clean Energy, with the exception of residents of the City of Santa Clara, San José, and Palo Alto.

- **Silicon Valley Clean Energy:** [svcleanenergy.org](https://www.svcleanenergy.org)
- **San José Clean Energy:** [sanjosecleanenergy.org](https://www.sanjosecleanenergy.org)
- **Silicon Valley Power (services City of Santa Clara residents):** [siliconvalleypower.com](https://www.siliconvalleypower.com)
- **Palo Alto Utilities:** [cityofpaloalto.org/Departments/Utilities](https://www.cityofpaloalto.org/Departments/Utilities)

Home Energy Efficiency and Electrification

BayREN offers free home energy evaluations, energy saving kits, and rebates up to \$7,750 for electrification and energy efficiency improvements. BayREN works with other programs to bring you additional rebates: [BayREN.org/homes](https://www.bayren.org/homes)

Rising Sun Center for Opportunity provides no-cost energy and water assessments and equipment installation. Learn more: [risingsunopp.org/programs/ghc](https://www.risingsunopp.org/programs/ghc)

Electric Vehicles

Income-qualified residents can trade in a vehicle model year 2005 or older and get up to \$9,500 from the **Bay Area Air Quality Management District** for a new or used electric or plug-in hybrid car or a mobility option (public transit, electric bicycles). Learn more: [BAAQMD.gov/CleanCarsForAll](https://www.baaqmd.gov/CleanCarsForAll)

Visit the **Silicon Valley Clean Energy's** Drive Electric page to learn more about switching to an electric car: [svcleanenergy.org/drive-electric/](https://www.svcleanenergy.org/drive-electric/)

Solar and Battery Storage

Deduct up to 22% of the cost of installing a rooftop solar energy system or solar-powered battery storage system with federal tax credits valid through 01/01/2024: [energystar.gov/about/federal_tax_credits](https://www.energystar.gov/about/federal_tax_credits)

Bay Area SunShares provides seasonal discounts on solar + storage from pre-vetted installers that serve the entire Bay Area: [Bayareasunshares.org](https://www.bayareasunshares.org)

SunWork makes solar affordable for customers with low electricity bills: [SunWork.org/sunwork-bay-area/](https://www.sunwork.org/sunwork-bay-area/)

Income Qualified

The **Home Energy Assistance Program (HEAP)** is a federally-funded program that assists low-income households with paying home energy bills once a year.

CARE is a PG&E discount rate program that helps eligible customers with their energy bills.

Santa Clara residents can learn more about LIHEAP and CARE here: [SacredHeartcs.org/energy-service](https://www.sacredheartcs.org/energy-service)

The PG&E **Family Electric Rate Assistance Program (FERA)** provides a discount on electric bills for families with a household income that slightly exceeds CARE allowances: [Pge.com/fera](https://www.pge.com/fera)

The PG&E **Energy Assistance Program (ESA)** provides qualified customers with home energy efficiency improvements at no cost: [Pge.com/esa](https://www.pge.com/esa)

GRID Alternatives provides no-cost solar for families with limited or fixed income: [gridsolar.org](https://www.grid solar.org)

[BayREN.org/homes](https://www.bayren.org/homes) | (866) 878 - 6008 | advisor@bayren.org

BayREN is administered by the County of Santa Clara Office of Sustainability (OOS). To learn more about OOS visit [sustainability.sccgov.org](https://www.sustainability.sccgov.org).