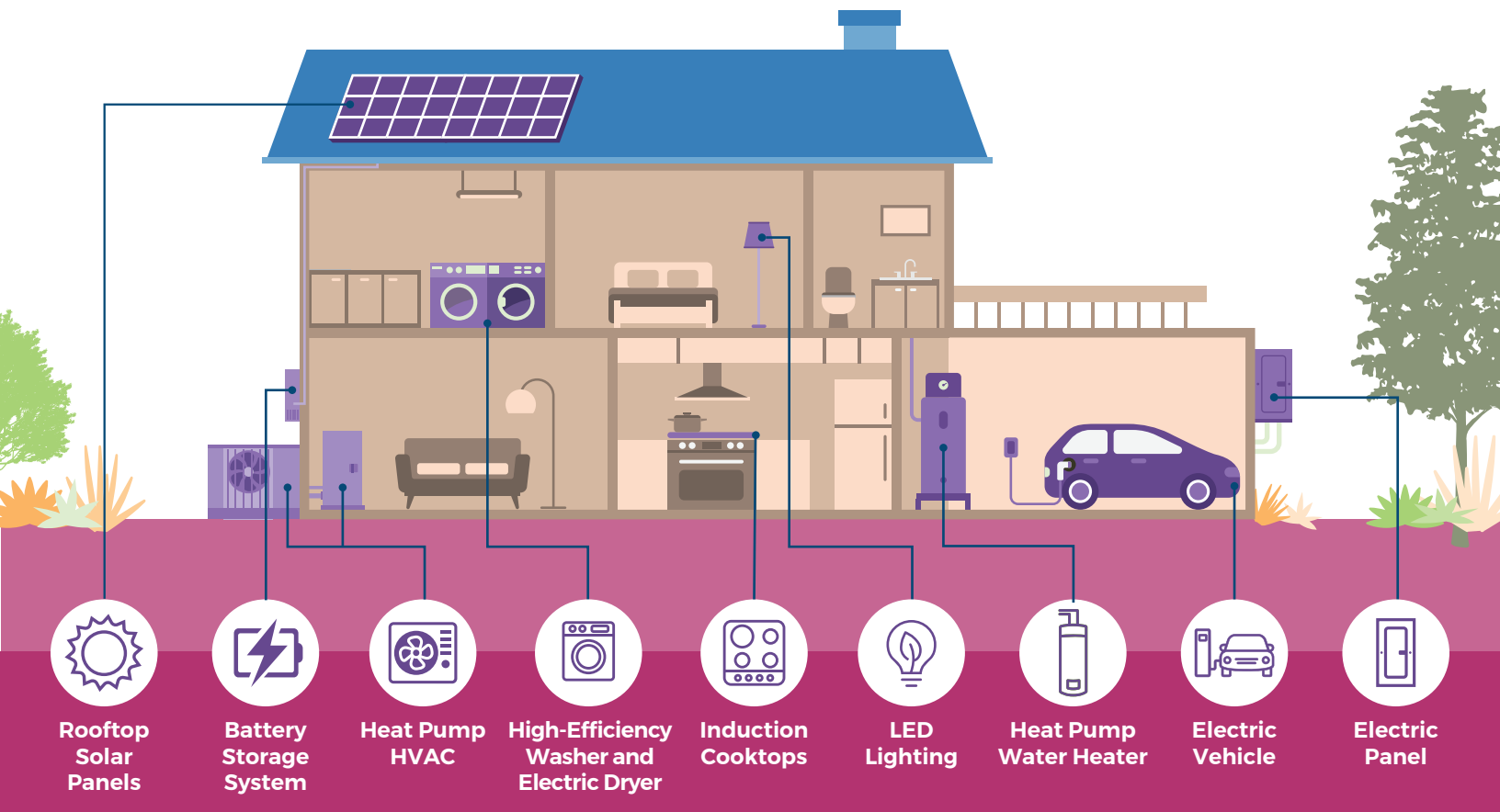





BENEFITS OF AN ALL-ELECTRIC LIFESTYLE


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-fired appliances and a gasoline car. An all-electric home also reduces indoor air pollution, is healthier for you, and when paired with rooftop solar panels or San José Clean Energy's 100% renewable electricity TotalGreen option, emits zero greenhouse gas emissions.





 **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 San José Clean Energy's 100% renewable electricity called TotalGreen.


 **Battery Storage System** captures electricity from solar panels during the daytime and allows you to use it when electricity rates are higher during the night time.


 **Heat Pump HVAC** is an electric all-in-one heating and air conditioning system. The most common systems for homes are ducted or ductless mini-split systems. During the summer, a heat pump HVAC pulls heat from inside your home and moves it outside to provide air conditioning. During the winter, a heat pump HVAC pulls heat from outside and moves it into your home for heating.


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

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

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

 **Heat Pump Water Heaters** are two to three times 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 San José Clean Energy's TotalGreen option. Replacing a gas-powered vehicle with an electric vehicle reduces outdoor air pollution that we breathe.

 **Electric Panel Upgrade** 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.

RESOURCES


Begin your home electrification journey by speaking with Bay Area Regional Energy Network's¹ (BayREN) no-cost Home Energy Advisor. Call (866) 878-6008 or email advisor@bayren.org.

No- or Low-cost Programs

Choose **San José Clean Energy**'s TotalGreen Option to power your home with 100% renewable electricity: sanjosecleanenergy.org/totalgreen

Test a portable induction cooktop and cookware for up to 2 weeks provided by the **City of San José** for free. Sign up at: sjenvironment.org/inductioncooking

Get no-cost energy and water assessments and equipment installation from **Rising Sun Opportunity Center**: risingsunopp.org/programs/ghc

 **GRID Alternatives** installs rooftop solar energy systems at no-cost to income-qualified households gridsolar.org

Energy Efficient Electric Equipment



Look for the **ENERGY STAR**[®] label when buying heat pump systems, induction cooktops, and other appliances. ENERGY STAR[®] products are independently certified to save energy without sacrificing features or functionality: energystar.gov



San José Clean Energy has compiled free resources to understand your energy usage, and rebates and financing to save on energy efficient equipment: sanjosecleanenergy.org/save-energy

BayREN offers free online home energy evaluations, energy saving kits, and rebates up to \$5,000 for electrification and energy efficiency improvements. Rebates are available for heat pump water heaters, heat pump HVAC, induction cooktops, smart thermostats, electric dryers and more.

Call **866-878-6008**, email advisor@bayren.org or visit bayrenresidential.org.

Renewable Energy

Deduct up to 26% of the cost of installing a rooftop solar energy system or solar-powered battery storage system through **federal tax credits** through 12/31/2020. After that, the tax reduction will drop down to 22% in 2021 and to zero after 2023: energystar.gov/about/federal_tax_credits

Financing



San José Environmental Services Department provides information on financing options for energy- and water-efficiency upgrades: sjenvironment.org/financing

Electric Vehicles




Check out **San José Clean Energy**'s one-stop shop for electric vehicle resources: sanjosecleanenergy.org/ev


Get up to \$13,500 by stacking limited time dealership discounts up to \$3,000 on seven electric vehicle models from 8/1/2020 to 10/31/2020 with local, state, and federal incentives: sanjosecleanenergy.org/drive-electric




Income-qualified residents can trade in a vehicle 2004 or older and get up to \$9,500 from **Bay Area Air Quality Management District** towards a new or used electric or plug-in hybrid car. If you buy or lease an electric vehicle, you can get \$2,000 for a Level 2 charger: BAAQMD.gov/CleanCarsForAll

For more information visit:

 sjenvironment.org/ZNCbuildings

 (408) 535-8550

 energy@sanjoseca.gov

¹BayREN is implemented by local county governments and provides regional-scale energy efficiency programs to homeowners and renters in nine counties.

 Income-qualified programs and resources

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