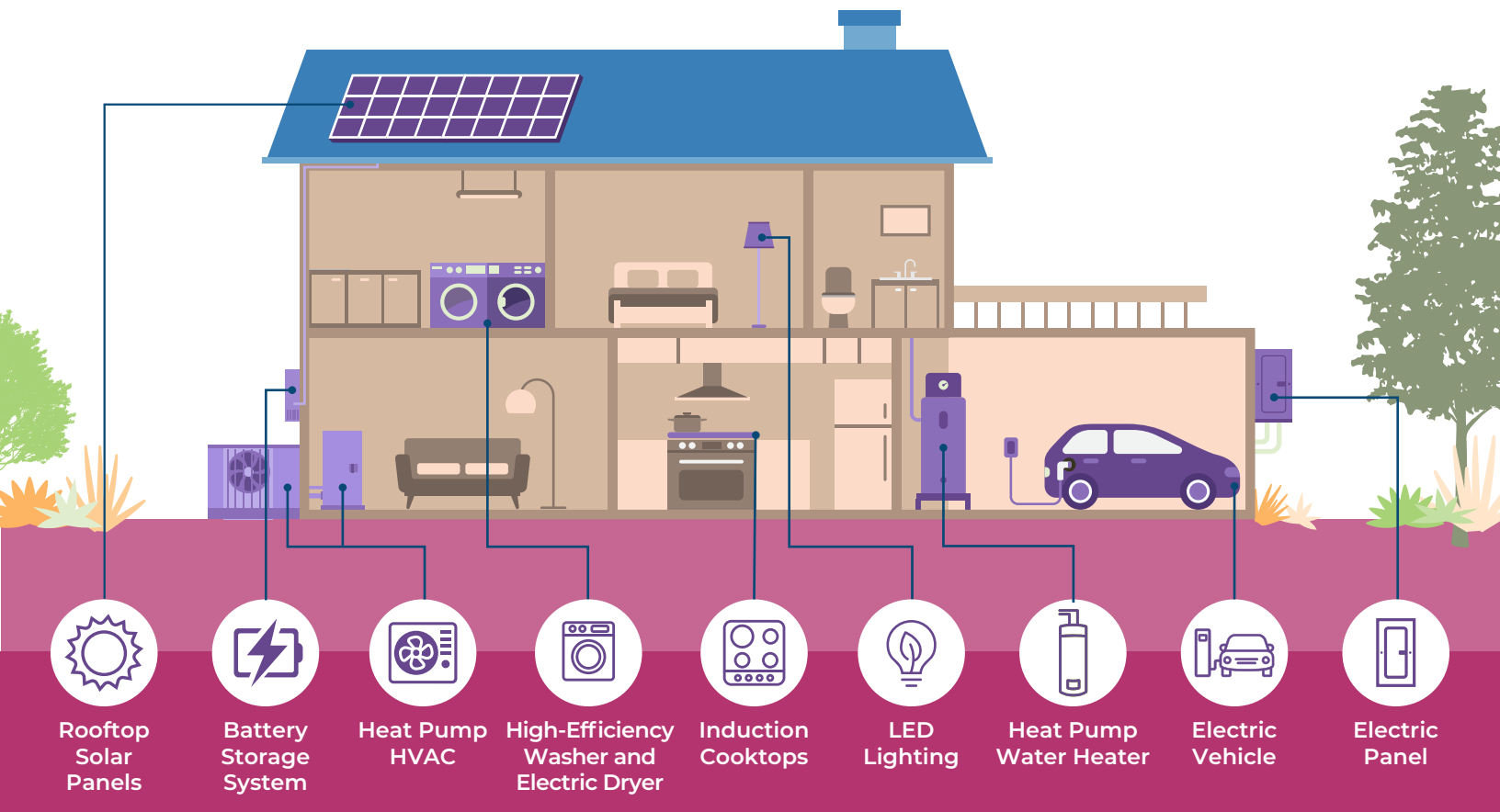





BENEFITS OF AN ALL-ELECTRIC HOME


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.¹ An all-electric home also reduces indoor air pollution, is healthier for you, and, when paired with 100% renewable electricity, emits zero greenhouse gas emissions.





 **Rooftop Solar Panels** provide clean electricity. If you can't add solar to your home, opt for San José Clean Energy's 100% renewable electricity, called TotalGreen. **R**


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


 **Heat Pump HVAC** is an electric all-in-one heating and air conditioning system. A heat pump HVAC system is more efficient than a gas furnace and/or air conditioning unit and typically costs less to operate.² **R**


 **Heat Pump Dryers** remove water from clothes more efficiently, which means less energy spent on drying clothes. Many heat pump dryers can be installed as easily as their gas alternatives. **R**

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

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

 **Heat Pump Water Heaters** are up to three times more efficient than gas water heaters and can help you save you money on your energy bill. **R**

 **Electric Vehicles (EVs)** are up to 65%³ more efficient than gas vehicles and have lower maintenance and operational costs, saving money over the lifetime of the vehicle. **R**

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

R - Rebates available. See rebate links on the Resources page

¹ City of Palo Alto Utility: www.cityofpaloalto.org/Departments/Utilities

² E3. Residential Building Electrification in California: <https://bit.ly/3tGD0rS>

³ U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy: www.fueleconomy.gov

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. Spanish and Vietnamese translation available by appointment.

No- or low-cost programs

Get an energy and water efficiency kit mailed to your home at no cost from **Rising Sun Opportunity Center**: risingsunopp.org/programs/ghc

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 provided by the **City of San José** for free for up to two weeks. Sign up at: sjenvironment.org/inductioncooking



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 energy efficient and help save money on energy bills: energystar.gov



San José Clean Energy has free resources to help you understand your energy usage and learn about rebates and financing opportunities: sanjosecleanenergy.org/energy-efficiency/

BayREN Home+ offers free online home energy evaluations, energy saving kits, and rebates of 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. Services available in Spanish and Vietnamese by appointment.

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 12/31/2022. After that, the tax credit will drop down to 22% in 2023: energystar.gov/about/federal_tax_credits

Financing



The 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 EV resources: sanjosecleanenergy.org/ev



Income-qualified residents can trade in a vehicle from 2004 or older and get up to \$9,500 from the **Bay Area Air Quality Management District** toward 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

¹ BayREN 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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