

# Why Electrify?

Consider the following swaps:

Gas

Electric



Space Heating



EVEN, GENTLE HEATING  
LONGER EQUIPMENT LIFESPAN



Water Heating



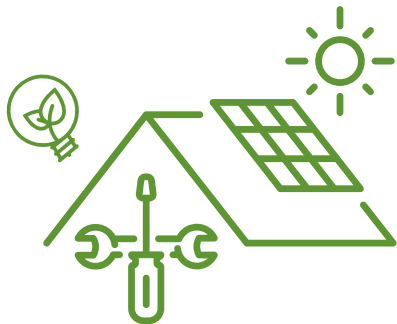
LOWER UTILITY BILLS



Cooking



IMPROVED INDOOR AIR QUALITY  
LOWERED RISKS OF ASTHMA



# Reducing Emissions

- **Residential** methane (aka gas) appliances make up nearly **32%** of city-wide **Greenhouse Gas Emissions**<sup>1</sup>
- Studies show that we need **14 million** more electric appliances nationwide to achieve **net-zero** emissions<sup>2</sup>
- Rising atmospheric concentrations of methane and **CO<sub>2</sub>** affect our environment
- "Los Altos will experience increased **heat waves, floods, drought, and poor air quality** from regional events [and] impacts of climate change<sup>3</sup>"

<sup>1</sup> <https://www.losaltosca.gov/environmentalcommission/page/building-electrification-resource-page>

<sup>2</sup> <https://www.rewiringamerica.org/pace>

<sup>3</sup> <https://www.losaltosca.gov/communitydevelopment/page/climate-action-and-adaptation-plan>

[GreentownLosAltos.org/clean-air](https://GreentownLosAltos.org/clean-air)

GreenTown Los Altos cultivates sustainable communities through community engagement, education, and advocacy. We are a fiscally sponsored program of Los Altos Mountain View Community Foundation which the IRS recognizes as a 501(c)(3) nonprofit charitable organization.

# Electrifying Your Home

For a cleaner, safer and more efficient lifestyle



# Ready to get started?

## Steps

### ✓ GET STARTED ASAP

- This is **PEAK REBATE SEASON**
- Don't wait for your appliances to fail—plan now
- For essentials such as water heaters, be **PROACTIVE**, not **REACTIVE**

### ✓ MAKE A PLAN

- Plan the process yourself or work with a contractor
- Pull the permits **BEFORE** starting projects
- Navigating electrification can be difficult; Scan the **QR CODE** to find skilled contractors to guide you through the process



## Case Studies

**70 GAL. GAS TANK WATER HEATER WITH 120V TO RUUD 80 GAL. HEAT PUMP WATER HEATER**  
(NO ELECTRICAL UPGRADE REQUIRED)



\$6000 Parts and Labor  
-\$2000 SVCE rebate  
-\$1000 BayRen rebate

\$3000 Total Cost  
(not including IRA 30% tax credit or further rebates)

Annual utility bill projected savings: 40% (up to \$300)



Keeps up to 2,777 pounds of carbon from the environment.



### SINGLE-FAMILY HOME: MULTIPLE ELECTRIFICATION UPGRADES\*

LOW BID SPACE HEATING/COOLING  
**WITHOUT INCENTIVES:** \$13885  
**WITH INCENTIVES:** \$794

4-BURNER 30" INDUCTION RANGE  
**WITHOUT INCENTIVES:** \$1099  
**WITH INCENTIVES:** \$0



EV CHARGER ENERGY MANAGEMENT SYSTEM  
**WITHOUT INCENTIVES:** \$2423  
**WITH INCENTIVES:** \$1423

\*San Mateo County incentives applied

## Steps

### ✓ CHOOSE ENERGY-EFFICIENT APPLIANCES

- Conserve energy: get an **ENERGY AUDIT**
- Consider heat pumps, water heaters, and induction stoves
- Prioritize the **MOST USED** appliances, then replacing the **OLDEST**

### ✓ TAKE ADVANTAGE OF INCENTIVES

- Combine the available rebates
- Rebates **LOWER** up-front costs
- There are incentives for **ALMOST ALL** appliances and electrical upgrades
- For resources on rebates, scan the **QR CODE**

