Why Electrify?
Consider the following swaps:

<table>
<thead>
<tr>
<th>Gas</th>
<th>Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space Heating</td>
<td></td>
</tr>
</tbody>
</table>
**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 Emissions¹
- Studies show that we need **14 million** more electric appliances nationwide to achieve **net-zero** emissions²
- Rising atmospheric concentrations of methane and **CO₂** affect our environment
- "Los Altos will experience increased heat waves, floods, drought, and poor air quality from regional events [and] impacts of climate change³"

Electrifying Your Home

For a cleaner, safer and more efficient lifestyle

---

² [https://www.rewiringamerica.org/pace](https://www.rewiringamerica.org/pace)

**GreenTownLosAltos.org/clean-air**

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

- **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**

---

**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**: $13,885
  - **WITH INCENTIVES**: $794

- **4-BURNER 30” INDUCTION RANGE**
  - **WITHOUT INCENTIVES**: $1,099
  - **WITH INCENTIVES**: $0

- **EV CHARGER ENERGY MANAGEMENT SYSTEM**
  - **WITHOUT INCENTIVES**: $2,423
  - **WITH INCENTIVES**: $1,423

*San Mateo County incentives applied