



## What is Existing Building Electrification?

Switching from using gas to electricity for heating/cooling, cooking, and clothes drying in our homes, apartments, offices, stores, and beyond.



The City of Sacramento is developing a strategy to transition existing buildings to carbon-free electricity by 2045. Existing building electrification is an important step in the City's work to improve community health, support long-term energy affordability, and achieve carbon neutrality. The Existing Building Electrification Strategy will identify the policies the City will adopt to transition gas usage in existing residential and non-residential buildings to carbon free electricity.

Electrifying our buildings will provide immediate indoor air quality benefits and protect residents from unaffordable gas prices, which are expected to rise in the future. Planning for an all-electric future will allow Sacramento to focus on equity, cost effectiveness, and efficiency while also leveraging **SMUD's 2030 Zero Carbon Plan** to achieve Sacramento's long-standing goal of carbon neutrality.

## Equitable Electrification



The City of Sacramento is committed to advancing equity through the electrification process. To ensure that equity is the foundation of the Strategy, we are co-creating equity criteria through community outreach. Every policy pathway included in the Strategy must meet or exceed the equity criteria.

**We are currently refining the equity criteria and we need your input!**

Do these criteria align with your priorities? Is there anything missing?

1. Ensure equitable access to health, safety, and comfort benefits.
2. Ensure equitable access to concurrent housing condition improvements.
3. Advance energy equity.
4. Ensure equitable access to high-road job opportunities.
5. Maximize ease of installation.
6. Promote affordable housing and anti-displacement.



## We Want to Hear from You



Please visit [cityofsacramento.org/SacExistingBuildingElectrification](https://cityofsacramento.org/SacExistingBuildingElectrification) to give feedback on the draft equity criteria, ask a question, or leave a comment about how existing building electrification affects you.

# Why is Sacramento Electrifying?



**Community Health:** Electric appliances don't emit air pollution that can cause asthma and other health impacts.



**Energy Affordability:** Gas bills are projected to increase significantly through 2050.



**Resilience:** Coupled with solar and battery storage, all-electric buildings can mitigate impacts of power outages. Electric appliances, paired with good air filtration and home weatherization, can protect residents from air quality impacts of wildfire smoke.



**Safety:** Gas can cause explosions, leaks, and increased risk during disasters. Induction stoves are also safer because they don't get hot (they heat the pan itself), reducing burn and fire risks.



**High-Road Local Jobs:** Transitioning to electric buildings with the latest technology will require a well-trained and well-paid workforce. The Strategy will prioritize supporting workforce training and local jobs.



**Greenhouse Gas Reduction:** Electrification of existing buildings will reduce greenhouse gas emissions. This accounts for 17% of the reductions needed to meet the City's 2045 carbon neutrality goal.

## How Do We Electrify Existing Buildings?



There are multiple options for replacing gas appliances with electric ones, especially as they need to be replaced at the end of their useful life.



### Heat Pump Heating/Cooling

Gas furnaces can be replaced with heat pumps that provide heating and cooling with one unit.



### Heat Pump Water Heaters

Gas hot water heaters can be replaced with heat pump hot water heaters that are over 300% more efficient.



### Electric Stoves

Gas stoves can be replaced with high-performance electric stoves, like induction. Induction heats water faster and has better temperature control than gas stoves.



### Heat Pump Clothes Dryers

Gas clothes dryers can be replaced with electric or heat pump dryers that don't require venting of hazardous exhaust.

**ARE YOU READY  
TO ELECTRIFY?**

