



# 4 Benefits of an All-Electric Home

More homeowners are adopting home electrification technologies and swapping out appliances that rely on fossil fuels for electric heat pumps, electric water heaters, induction stoves, electric vehicle (EV) chargers, and home battery storage.



## Better Indoor Air Quality

Replacing your gas stove with an electric one is safer and can cut the concentration of nitrogen dioxide in your kitchen in half.<sup>1</sup>

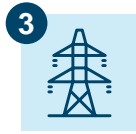
Gas appliances burn fossil fuels, which releases greenhouse gases and other fumes that can contribute to indoor air pollution without proper ventilation.



## Energy Savings

Electric appliances are 3-5 times more energy-efficient than gas counterparts and can help you save on your energy bills.<sup>2</sup>

Electricity costs vary with demand. Smart energy appliances and battery storage can help minimize demand during peak energy periods when electricity costs may vary.



## Resilience Against Power Outages

If you are considering solar or already have a system installed, adding battery storage can give you flexibility to keep important appliances running during a power outage.

Some appliances, such as induction stoves, are starting to come equipped with backup power batteries.



## Environmental Sustainability

Electrification is essential for California to meet 2045 carbon neutrality goals, including an 85% reduction in greenhouse gas emissions and an 84% drop in fossil fuel demand.<sup>3</sup>

By going carbon neutral, California aims to remove as many carbon emissions from the atmosphere as it emits.

Ready to start your all-electric home journey or want to learn more?

[Download our guide to home electrification.](#)

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<sup>1</sup>UCLA Center for Occupational and Environmental Health - Effects of Residential Gas Appliances on Indoor and Outdoor Air Quality and Public Health in California

<sup>2</sup>Rewiring America  
<sup>3</sup>Office of Governor Gavin Newsom