

The Benefits of All-Electric Homes: A Sales Reference for Agents

Empowering Homeowners to Go All-Electric

Today's homeowners are increasingly choosing highly efficient, modern electric equipment for cleaner, safer, and healthier living environments. All-electric homes are the homes of the future.

*Americans purchased **32% more** air-source heat pumps than the next most popular heating appliance, gas furnaces, last year. (Canary Media)*

Key Benefits of All-Electric Homes

- 1 Lower Energy Costs:** Electric appliances are often significantly more efficient than gas alternatives, with heat pumps being 3–4 times more efficient than gas appliances and providing heating and cooling in one system. This makes for lower operational costs in the long run, and heat pumps can pay for themselves within just five years.
- 2 Better Indoor Air Quality:** No combustion means no harmful indoor air pollutants associated with gas appliances that worsen asthma and can cause respiratory and cardiovascular problems for vulnerable populations, like children and the elderly. Plus, heat pumps can filter indoor air during unhealthy air quality days and reduce exposure to hazards like wildfire smoke.
- 3 Enhanced Safety:** On top of improving air quality, electric equipment eliminates the risk of dangerous gas leaks that can put homeowners and residents at risk. For example, induction cooktops don't rely on open flames and cool down quickly after use, making them far safer for families than gas stoves.
- 4 Future-Proof Design:** With the state, industry, and market increasingly moving toward widespread heat pump adoption and building electrification, pollution-free homes are a long-term investment, leading to greater energy efficiency, safety, and energy savings.
- 5 Carbon Footprint:** All-electric equipment doesn't produce harmful pollutants like nitrogen oxides (NOx), carbon monoxide, or Particulate Matter (PM2.5)—helping to cut greenhouse gas emissions and move California toward its heat pump and climate goals.



Common Myths and Facts

- ✗ **Myth:** *All-electric homes are much more expensive to operate and maintain.*
- ✓ **Fact:** Because they are highly efficient, all-electric homes can lower utility bills and operational costs over time, especially when paired with rooftop solar technology and on-site battery storage.
- ✗ **Myth:** *Electric equipment compromises my comfort and lifestyle.*
- ✓ **Fact:** All-electric homes provide better performance, efficiency, health, safety, and comfort with benefits like reduced noise, less pollution, and more consistent indoor temperatures.
- ✗ **Myth:** *Electric equipment is unreliable during power outages.*
- ✓ **Fact:** All-electric homes integrate modern systems, such as solar panels and battery storage, to provide backup power, thereby improving resilience during outages. Additionally, heat pump water heaters can store filtered water for use during emergencies.
- ✗ **Myth:** *Induction cooktops aren't as effective as gas stoves for cooking.*
- ✓ **Fact:** Induction cooktops heat up faster, offer precise temperature control, and have safe, cool-to-touch surfaces for a safer and more efficient cooking experience. Plus, you will never catch another dish towel, oven mitt, or cookbook on fire again!
- ✗ **Myth:** *One all-electric home will not make a difference for the climate.*
- ✓ **Fact:** Switching to an all-electric home cuts a significant amount of on-site emissions that will add up and reduce your carbon footprint year after year.

Frequently Asked Questions

Q: What is an all-electric home?

A: An all-electric home uses electricity as the sole energy source for heating, cooling, cooking, water heating, and more, eliminating the need for natural gas or propane.

Q: Why switch to an all-electric home?

A: All-electric homes are safer and healthier. They are also more energy-efficient, comfortable, and future-proof, and can help reduce emissions.

Q: How does electric heating compare to gas heating?

A: Electric heat pumps provide both heating and cooling in a single system and are up to three to four times more efficient than traditional gas furnaces.

Q: Do electric systems perform as well as gas?

A: Yes. Modern electric systems, such as heat pumps and induction cooktops, often outperform their gas counterparts in terms of efficiency, comfort, and control.

Q: Where can I learn more?

A: For more information, check out our [Guide on All-Electric Homes](https://switchison.org).



Visit switchison.org to learn more about the benefits of going all-electric.