

COOKING: STOVE TOPS AND RANGES

A guide to electrifying your kitchen.

⚡ What do you currently cook with?

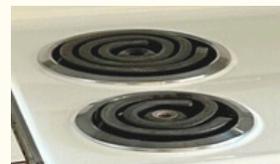
Gas stove:

- How to recognize: Blue flame under pot or pan, rapid clicks when turning on, brief "rotten egg" odor during ignition or when burner is on without a flame.
- Energy inefficient: Only 25-40% of heat goes into cookware.
- Leaky: Even when turned off, gas stoves leak unhealthy carcinogens and pollutants.



Electric stove:

- How to recognize: Metal coils or a flat ceramic or glass top, red glow when turned on.
- Energy inefficient: Heats slowly, only 50-70% of heat goes into cookware.
- Less safe: Hot to the touch during and long after cooking.



⚡ Want to upgrade or electrify your cooking?

Choose an induction stove or range.

- **Safer:** Cooktop cools down in a matter of minutes. Auto shut-offs prevent burns and keep your family safe.
- **Healthier air:** No gas combustion means you and your family are less likely to have worsened asthma, heart disease, or cognitive decline.
- **Highly energy efficient:** Induction stoves use electromagnetic energy to heat cookware directly. 90% of heat goes into cookware.
- **Better experience:** Easier to clean and some models can boil water in less than 1 minute.



✳ Not sure if your pots and pans will work? Try the magnet test! If a magnet sticks to the bottom, it will work with an induction stove.

⚡ What's it like to cook with an induction stove?

"I love our induction stove. It's more precise, easier to clean, and the air quality (smell and ventilation) improved in our home."

-DC focus group participant

"My induction stove is great for frying because it keeps the oil at a consistent temperature."

-DC focus group participant



How do I switch to an induction stove?

Read more about panels and wiring:



Does an induction stove sound right for you? If so, follow these steps:

1. **Already have an electric stove or electric oven?** Great news—you likely won't need to upgrade your wiring.
2. **Currently using gas?** You may need to upgrade your electrical wiring or panel. You'll need a contractor (such as a plumber) to safely cut and cap the gas line.
3. **Check your cookware.** Use the magnet test—if a magnet sticks to the bottom of your pots and pans, they're induction-ready.
4. **Choose your appliance and check out DCSEU rebates.** Read reviews and compare models. Look for features like knobs vs. touch controls, air-fry or convection settings, and burner flexibility. Look into DCSEU rebates to ensure your appliance selection is eligible.
5. **Install.** Most major retailers offer installation when you buy. Once ready, keep using your vent hood. Electric cooking still produces some indoor pollutants, but far less than when cooking with gas.

Is this your only remaining gas system?

Eliminate your gas bill!

- **Verify** that all your appliance and systems (HVAC, water heater, cooking appliances, etc.) are all-electric.
- **Contact Washington Gas.** Call 844-WASHGAS (844-927-4427) or visit <https://washingtongas.com> to request a permanent disconnection of service.

Ready to give up gas for good?

- **Complete the Service Abandonment/Demolition Request Form.** If your property is connected to the gas utility and you need it permanently disconnected at or near the property line, fill out the request form and email the completed form to svcabandonments@washgas.com.
- **Schedule Meter Removal.** Washington Gas will send a technician to remove the gas meter and cap the service line. You may need to be present depending on access requirements. Service abandonment requests typically take 6 to 14 weeks to complete.
- **Confirm Account Closure.** Ensure your account is fully closed and that no future service or infrastructure fees will be charged. Request written confirmation of disconnection.

Connect with a neighbor. In a recent survey of more than 400 DC residents, nearly 70% of people who had electrified part of their home had switched their cooking appliances from gas to electric.

Have more questions or want to talk to a local resident? Talk to an electrification coach at <https://electrifydc.org>

See available DCSEU rebates at <https://dcseu.com/residential-rebates/electrify>

