

Understanding Home Electrification



4 Benefits to Home Electrification

Preparing to shift from fossil fuels like oil, propane, and natural gas to electric and clean energy can take time. But it makes sense to switch if you want to lower energy bills while increasing your home's efficiency and comfort.

1. SAFETY

Electricity is safer and cleaner than traditional fossil fuels. No carbon monoxide, no combustible fuels, no fuel storage, no gas leaks.

2. SAVINGS

The cost of heating and cooling an electrified home is typically less than oil and propane. It's a good investment.

3. EFFICIENCY

Electric heat pumps – whether ground source or cold-climate air source – are more efficient than boilers, furnaces, and older air conditioners.

4. COMFORT

An electric heat pump is an all-in-one system designed to meet both heating and cooling needs as well as work as a dehumidifier.

4 Steps to Electrify Your Home

Electrifying is a process that can be accomplished over time.

ASSESS

- Have a home assessment and let a qualified energy auditor explain the energy performance on your home.
Congratulations, you're on your way!

DISCOVER

- Find air leaks and reduce or eliminate them with targeted air sealing and insulation.
- Increase insulation levels, as recommended by your contractor.
- Look for old windows and consider upgrading to high efficiency low-E windows.
- Learn about heat pumps, an electrifying upgrade.
- Become familiar with NYSERDA's home efficiency and clean energy incentives including [Residential Financing](#), [Comfort Home](#), and [NYS Clean Heat](#).
- Subscribe to [Community Solar](#).
- Be sure to check out [ChargeNY](#) when you're ready to drive electric!

UPGRADE

- Budget to switch to electric options such as clothes dryers, stoves, lawn mowers, and cars.
- For whole-house heating and cooling, consider heat pumps.
- Consider on-site solar options.

EXHALE

- Take a deep breath knowing that electrifying will help reduce your costs, reduce pollutants, and give you a more comfortable home.

One Reminder

Decommission That Old Oil Tank

Over the course of time, corrosion and environmental factors may cause oil tanks to leak and become an environmental hazard. If not addressed quickly, home heating oil can contaminate the soil, even seeping down into groundwater. That is why it is important to properly remove or decommission old heating fuel tanks. Talk to your contractor for details or review [Underground Heating Oil Tanks: A Homeowner's Guide – NYS Dept. of Environmental Conservation](#).

Ready to get started?

Learn more at nyserdanyc.org/residents-and-homeowners

