

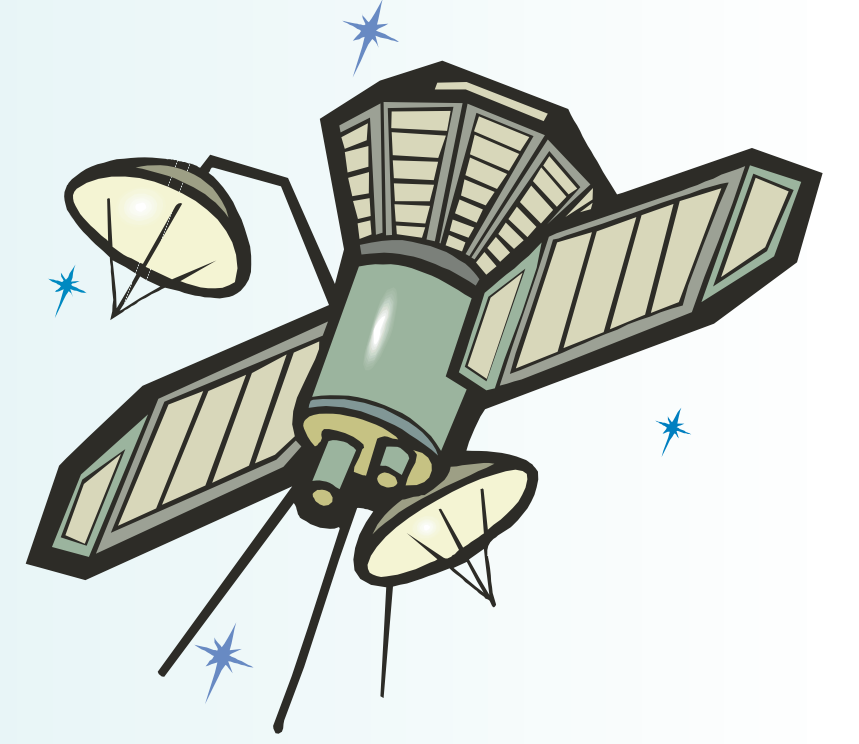
# Journey to Zero and Beyond

To take an energy-guzzling home to net zero energy, you need good directions.



## Every journey begins with a single step

You have to know where you are to get where you're going. The home energy audit is your E.P.S. — energy positioning satellite. A comprehensive energy audit that tells you how much energy your home is using, and losing, will guide you to your final destination.



Plan your trip so you know what you want to do at each stop along the way.

### What are your priorities?

- Safety
- Payback
- Comfort
- Environment
- Economics
- Social

### Other considerations:

- Budget
- Family size/residents' age
- Time spent at home
- Resale value

### Expect detours:

- Changing energy costs
- Changing family needs
- Emergency repairs, replacements
- Incentives and rebates
- New technologies (some detours are fun!)

## Building envelope

Seal those leaks and wrap your home up tight. Then you can install smaller HVAC systems.



## Appliances, systems, electronics

The things that use electricity can drive up a utility bill, so invest in the most efficient models you can afford.



## Renewable energy

A 1.3-kW PV solar system — the maximum size state rebates covered — would have met all the home's electricity needs... Net zero achieved! The owner installed a 3-kW system, which produces enough electricity for the future...



- Electric car?
- Solar thermal hot water?
- Hydrogen technology?

