

Deep Energy Retrofits

Retrofit Your Home To Near Net-Zero Energy

The goal of deep energy retrofits (DERs) is to decrease a home's energy use by 50% or more. Yes, this typically requires a higher upfront investment in order to directly experience greater benefits in the long run. After a DER, all aspects of the home should work together and homeowners will notice more consistent temperatures, less drafts and allergens and less use of the home's HVAC system. Enhancing your home's energy performance in this way will provide you with a better living experience while also addressing greenhouse gas emissions through real climate action.

If you are currently creating your "Forever Home", a DER will likely prove to save you money. You can see this by calculating the Total Cost of Building Ownership for your home. From mortgage payments to repair costs and upkeep, calculating all your house-related costs for the next 13-25 years will help you decide on retrofits.

Type of Retrofits

- Continuous insulation from attic to basement
- Upgrading heating & cooling systems as well as ventilation & hot water systems and/or renewable energy sources
- Replacing windows/doors with more efficient models
- Upgrading to high performing appliances
- More efficient water management
- High quality building envelope



What is Net-Zero?

As Canada's climate targets aim to reach net-zero by 2050, deep energy retrofits need to become the norm. It is likely that the price for natural gas will continue to increase making electricity a more viable option to use when powering your home.

Net-zero refers to the amount of energy your home can generate, meaning that the amount of energy purchased from local hydro companies is zero.

Resources

[NRCan Interest Free Loan](#)
[Retrofit Canada](#)
[Energy Efficiency Retrofits](#)
[Deep Energy Retrofits](#)