Kamloops • 2026

RETROFIT assist
Get in your comfort zone

“I could rely on Retrofit Assist being in the know.”

Owner: Jay Williamson

Jay Williamson registered for Retrofit Assist’s Kamloops program in February 2025 after hearing about the program from friends.

Retrofit Assist’s experts helped him quickly find authorized contractors to make his home more energy efficient. He also had support applying for rebates.

Within seven months, his downtown Kamloops home was using 68% per cent less energy. He accessed $17,201 in rebates covering 26% of the total cost.

Upgrades completed by September 2025 included:

+ Installing a dual fuel system that combines an electric heat pump with a high efficiency gas furnace.
  Rebate: $10,000 from FortisBC
+ Upgrading attic and basement insulation, qualifying for a CleanBC rebate.
  Rebate: $2,201 that covered 40% of the cost.
+ Air sealing work to doors and windows, carried out himself.
+ His new 8.1 kW solar system which is expected to generate enough electricity to cover 40% of his home’s annual energy usage.
  Rebate: $5,000 BC Hydro rebate, which was 20% of the installation cost.

Energy use

↘ 68%

Solar generation

10,000 kWh

Annually, covering 40% of energy needs

Rebates Earned

$17,201

“I knew that there would be rebates available to me, but the application process was quite complicated so it was really helpful to rely on the Retrofit Assist people being in the know so I could quickly make decisions.” — *Jay Williamson*

Power up your home with solar

Jay Williamson installed 18 Longi 450W Solar Panels on his roof which will generate around 10,000 kWh annually—enough to power 40% of his home's energy needs.

He was able to access a $5,000 rebate from BC Hydro for installing the grid-tied system, reducing the installation cost by 20%.

What is a Solar PV system?

Solar photovoltaic (PV) systems are a reliable and efficient way to generate electricity from sunlight—helping reduce both energy bills and greenhouse gas emissions.

Solar panels convert sunlight into electricity which can be used in your home to power things like an induction stove, washing machine, TV, lights, heat pump, electric vehicle or other electrical equipment.

For grid-tied systems in BC, if you produce more energy than you consume in any given billing period you will receive a generation credit towards your next bill.

At the end of the twelve-month billing period, if you have a balance of credits you will receive a payment from the utility at the effective rate

Start your Solar Journey

It's important to begin your solar journey with a thorough site assessment. A qualified solar contractor will evaluate your roof, energy usage, and electrical system to design the most effective PV system for your home.

The **Retrofit Assist** team can provide you with a list of authorized solar contractors and can help you apply for rebates.

Apply at retrofitassist.ca/kamloops

“Retrofit Assist was really helpful for navigating the whole process. The Energuide evaluation helped me get a sense of what the biggest bang for the buck would be and I made my choices based on that.”

— Jay Williamson

Jay’s Journey with Retrofit Assist

Initiation	Jay wanted to explore options for upgrading his 1950s Kamloops home. In February 2025 he secured a spot in the Retrofit Assist program run in partnership with City of Kamloops.
Evaluation	Retrofit Assist got things started with an EnerGuide evaluation from an authorized Energy Advisor to baseline his home’s energy performance and find out which work would bring the biggest benefit.
1:1 Support	Retrofit Assist reviewed quotes and invoices to ensure they were reasonable and could successfully qualify for rebates. The work was completed by September 2025.
Renovations	Jay was able to contract Retrofit Assist authorized contractor Greenfoot Energy Solutions for his insulation and HVAC upgrades. They installed spray foam to the foundation walls, bringing it to R-18 value, and applied fibreglass blow-in insulation over existing insulation in the attic space, bringing the entire space from R-20 to R-50 value. Greenfoot Energy Solutions also installed a Napoleon Dual Fuel 70,000 BTU 2-stage 96% furnace with 36 0000 BTU/h heat pump, which will provide high efficiency heating and cooling. Riverside Energy Systems were Jay’s solar contractor, installing an 8.1.kW grid-connected system using 18 Longi 450W panels and AP systems inverters. Jay completed air sealing work to doors and windows himself.
Wrap-up	A post-retrofit EnerGuide evaluation confirmed the home’s annual energy usage reduced by 68% from 158 GJ to 51 GJ. This is enough energy to power an average BC home for a year.
Rebates	Jay qualified for a Fortis BC dual fuel system rebate of $10,000; a BC Hydro solar rebate of $5,000; and a CleanBC insulation rebate of $2,201.