

Attachment C: Example Retrofit Policy and Programs from other BC Municipalities

Municipality	Program Name	Sector	Category	Description
City of Kamloops	See the Heat (Thermal Imaging Camera Program)	Residential	Education & Awareness	<p>The See the Heat program provides the opportunity to take home a thermal imaging camera that connects to a smart phone to learn more about the energy efficiency of a home. The idea is that using the cameras will convince residence to adopt energy efficiency measures (e.g., weather stripping, energy efficient appliances, etc.). Kamloops offered a Corporate Program to educate municipal employees, and a community program for residents (cameras were available for borrowing at the library).</p> <p>(The City of Kelowna has received funding from FortisBC to run a similar program, which is expected to kick-off in late-November 2019.)</p>
City of Kamloops	Energy Block Parties	Residential	Education & Awareness	<p>Energy Efficiency Block party funding is available to any Kamloops resident who wants to organize a block party. The funding is applied for through the City's Neighbourhood Matching Fund program. Successful applicants will receive up to \$1,750 to cover the cost of food, music, and entertainment.</p> <p>FortisBC and the City fund these block parties to help neighbourhood associations and community members to build community by bringing people together. FortisBC has rebates to help customers save energy and energy-related costs, and representatives will be at events to talk about the available programs, such as rebates for energy-efficient home renovations.</p>
City of Nanaimo	Real Estate Energy Efficiency Program	Residential	Education & Awareness	<p>The Realtor Energy Efficiency Project (REEP) is a program that educates realtors about energy efficiency benchmarking and home retrofit incentive programs that are available to homeowners. The program consists of a two-hour in-home session, facilitated by both an Energy Advisor (EA) and a REEP project team member. What sets the REEP program apart is the small group format with 20 - 25 realtors per session, providing an opportunity for realtors to learn, ask questions and share stories. Together realtors explore practical ways to incorporate energy efficiency seamlessly into the sales process.</p>

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City of Nelson	The Great Escape (Neighbourhood Thermal Imaging)	Residential	Education & Awareness	The Great Escape is a 1-year initiative implemented by Nelson Hydro to help homeowners discover where heat is escaping and how to improve efficiency, reduce energy consumption and save money. The software MyHeat is used to provide thermal imaging of every residential structure within the community.
City of New Westminster	Energy Save New West – Existing Homes	Residential	Education & Awareness Incentives	Helps residents navigate retrofit opportunities through a five-step process: <ul style="list-style-type: none"> • Step 1: signup for exclusive program resources (e.g., free personalized energy coaching for energy project) • Step 2: subsidized pre-upgrade energy evaluations (\$75 for \$375 value) • Step 3: Home Improvements (i.e., energy saving measures – incentives in Step 5) • Step 4: subsidized post-upgrade energy evaluations (\$150 rebate) • Step 5: Rebates and Incentives for evaluations and energy efficient equipment
City of Richmond	Richmond Carbon Market	Residential	Financing	A business or organization that is considering projects that will reduce greenhouse gas (GHG) emissions (e.g., energy efficiency building retrofits, fuel switching for buildings and vehicles, renewable energy installations, organics composting and/or land conservation/restoration), may be eligible to access funding from the selling of community carbon credits. Successful applicants can receive \$25 per ton of carbon dioxide equivalent saved through the program.
City of Vancouver	Energy Efficiency Upgrades in Building Bylaw	Residential	Regulation	In 2014, Vancouver introduced Canada’s first energy code/bylaw with energy upgrade requirements for existing buildings. The new requirements were added to the existing upgrade mechanism process used in Part 11 for Life Safety, Seismic, Structural, and Accessibility. Home Renovation Permit Requirements (Audits & Upgrades): <ul style="list-style-type: none"> • \$5,000 = EnerGuide energy assessment • >\$25,000 = assessment + weather sealing • \$50,000 = assessment + weather sealing + attic insulation.

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City of Vancouver	Heritage Energy Retrofit Grant	Residential	Incentives	The Heritage Energy Retrofit Grant is designed to support retrofits that deliver measurable reductions in GHG emissions and provide guidance for navigating FortisBC and BC Hydro's Home Renovation Rebate Program. A maximum of \$3,000 is available per home towards qualifying retrofits; or a maximum of \$6,000 per home if fuel switching from gas or oil to an electric air source heat pump, including other retrofits. (the program is currently on hold.)
City of Vancouver	Green Landlord Program (pilot project)	Residential	Information/ Incentives	The City worked with Landlord BC, energy utilities, and an energy consultant to undertake energy and water audits of 23 apartment buildings. The consultant developed retrofit business cases for relatively simple-to-implement improvements leveraging existing utility incentives that, if implemented, would reduce GHG emissions by 16% and pay for themselves through energy savings in 2.5 years. 21 of the 23 landlords committed to undertake the identified improvements.
City of Vancouver	Energy Benchmarking Program	All (large buildings)	Incentives	<p>The City of Vancouver will collect benchmarking data from:</p> <ul style="list-style-type: none"> - Its own buildings - Voluntary participants, primarily large public sector/institutional, commercial, and residential buildings <p>This data will help the City of Vancouver develop programs and policy to support energy retrofits and measure the performance to the building code.</p>
Regional District of Central Kootenay	Residential Energy Efficiency Program (REEP)	Residential	Education & Awareness Incentives	A simplified process has been designed to help residents reduce energy costs. Residents can access an energy evaluation to determine what energy efficient upgrades (retrofits) can be done to reduce energy consumption and lower greenhouse gas emissions. Applicants can access current rebate offers, financing options, a local contractor guide and energy coaching.

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Township of Langley	Green Building Rebate Program	Residential	Incentive	<p>If homeowners complete home improvements that reduce annual energy consumption by at least 10 GJ, they can access rebates from the Township.</p> <p>Access \$15 x every 1 GJ/year reduction Example: \$15 x 25 GJ/Year = \$375 rebate + Subsidized Energuide pre-retrofit home evaluation.</p>
Various	BetterHomesBC Municipal Top Up	Residential	Incentive	<p>A growing number of local governments in BC are offering top-up rebates (Municipal Top-ups) to the CleanBC Better Homes and Home Renovation Rebate Program.</p> <p>Currently there are three top-up options available:</p> <p>EnerGuide Home Evaluation Top-up: A \$150 top-up to participants that complete a pre- and post-retrofit EnerGuide home evaluation. This top-up is in addition to the \$300 EnerGuide Home Evaluation rebate available through the CleanBC Better Homes and Home Renovation Rebate Program.</p> <p>Convert to Electric Heat Pump Space Heating Top-up: Participants that switch from a fossil fuel (oil, natural gas or propane) space heating system to an electric air-source heat pump (including mini-splits, multi-splits, central, and combination space & water systems) are eligible for either a \$350 or \$2000 top-up rebate. These top-ups are in addition to the individual rebates and the Home Energy Improvement Bonus rebate.</p> <p>Convert to Electric Heat Pump Water Heater: Participants that switch from a fossil fuel water heating system to an electric heat pump water heater are eligible for either a \$350 or \$1000 top-up rebate. These top-ups are in addition to the individual rebates and the Home Energy Improvement Bonus rebate.</p> <p>Electric Service Upgrade Top-up: \$500</p>