



ENERGY AUDIT & UPGRADE GRANT FUNDING IN BRITISH COLUMBIA FOR POST-SECONDARY

As part of Canada's demand to drive down Greenhouse Gas (GHG) emissions to 30% below 2005 levels by the year 2030, our team in British Columbia have been helping clients from all sectors take advantage of some of the available grants being offered by BC Utilities, BC Hydro, Fortis BC and other funding bodies, to carry out studies and to partially or fully fund work that comes from those studies. We've put together a list of the energy audit & upgrade grant fundings currently available for post-secondary in BC and we've outlined the eligibility criteria & the available funding amounts.

Click on the grant name for more information.

Business Energy Saving Incentives

BC Hydro

Eligibility Criteria

Financial incentives are available to replace inefficient products with energy-efficient technologies. They are offered for lighting, heating, ventilation, air conditioning, and refrigeration. Commercial customers and local governments can apply for these incentives.

Available Amount

Varies but incentives on average cover about 25% of energy efficiency upgrades. They could fund up to 75% of costs. Incentives depend on hours of operation, energy savings, project cost and payback period.

EV Charging Solutions For Multi-Unit Residential Buildings & Workplaces

FortisBC

Eligibility Criteria

The building must be connected to a current electricity account with FortisBC or the municipal utilities of Grand Forks, Penticton, Summerland or Nelson Hydro. The building where the charging station is to be installed must have been constructed before August 31, 2020 (i.e. new construction buildings are not eligible). Eligible multi-unit residential buildings include condominiums, high-rises and apartment buildings that have dedicated parking for residents. Eligible workplaces must have five or more employees who work primarily at the premises where the charging station(s) will be installed and have dedicated parking for employees. Workplace premises may be owned or leased by the applicant. Applicants of the EV Ready Program must be a multi-unit residential building.

Available Amount

50% of eligible purchase and installation costs,* up to \$4,000 per station, to a maximum of \$14,000 per application.

Commercial Lighting Rebates

FortisBC

Eligibility Criteria

You must be a commercial, industrial or irrigation FortisBC or municipal electricity customer of Grand Forks, Penticton, Summerland or Nelson Hydro. You must be an owner or long-term leaseholder of an existing commercial or industrial building or a builder/developer or owner of a new commercial or industrial construction project. You must submit an application and supporting documentation no later than 365 days after the purchase date of the product(s) (as shown on the paid invoice) or installation date, whichever is first.

Available Amount

Funds varies based on different product, see Fortis BC's website for details.



Condensing Make-Up, Air Handling & Rooftop Condensing Units

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1. You must be an owner or long-term leaseholder of an existing commercial or industrial building or a builder/developer or property owner of a new commercial or industrial construction project. The purchase date of products (as shown on the paid invoice) must be after May 1, 2019.

Available Amount

Units with input up to 199 MBH: \$3,500 per unit. Units with input 200 to 599 MBH: \$7,000 per unit. Units with input 600 MBH and higher: \$9,000 per unit.

Custom Efficiency For Buildings

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1 and/or a FortisBC electricity customer or municipal electricity customer of Grand Forks, Penticton, Summerland and Nelson Hydro. You must be an owner or long-term leaseholder of an existing commercial, institutional, or multi-unit residential building or facility. For natural gas customers, your project must have the potential to save a minimum of 1,200 gigajoules of natural gas annually. For FortisBC or municipal electricity customers, your project must have the potential to save 50,000 kWh of electricity annually.

Available Amount

Energy study funding up to 50% of the energy study cost, to a maximum of \$25,000. Implementation incentives: the lesser of 50% of the incremental cost of the project, an amount that brings project payback to two years, up to a maximum of \$500,000. Implementation bonus equal to the approved energy study incentive, to a maximum of \$25,000

HVAC Controls

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1 and/or a commercial or industrial FortisBC electricity customer or municipal electricity customer of Grand Forks, Penticton, Summerland or Nelson Hydro. You must be a long-term leaseholder of an existing commercial or industrial building, or a builder/developer or owner of a new commercial or industrial construction project. You must submit an application and supporting documentation no later than 365 days after the purchase date of the product(s) (as shown on the paid invoice) or installation date, whichever is first. You must submit an application and supporting documentation no later than 365 days after the purchase date of the product(s) (as shown on the paid invoice) or installation date, whichever is first.

Available Amount

Connected thermostats: \$40 per unit. Domestic hot water recirculation controls: \$1,500 per unit. Hydronic additives: \$200 per gallon

Natural Gas Boiler Rebates

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1. You must be a property owner or long-term leaseholder of an existing commercial building or a builder/developer or property owner of a new commercial construction project. Boilers must be used to meet your site's thermal loads: space, service hot water, domestic hot water (DHW), pool and/or process heating. Boilers installed to meet other operational needs (such as backup, standby or secondary boilers) are not eligible.

Available Amount

Improve your building's energy performance and qualify for a rebate of up to \$20,000 when installing an eligible mid-efficiency natural gas boiler. For a limited time, until December 31, 2021, get an even bigger rebates on eligible high-efficiency condensing models, of up to \$60,000 per boiler.



Natural Gas Water Heater Rebates

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1. You must be a property owner or long-term leaseholder of an existing commercial building or a builder/developer or property owner of a new commercial construction project. Water heaters must be used for service hot water (such as domestic hot water, sanitation or process hot water). You must submit an application and supporting documentation no later than 365 days after the purchase date of the product(s) (as shown on the paid invoice) or installation date (as listed on the application form), whichever is first.

Available Amount

Storage tank water heater (90 per cent TE and higher) up to 199.90 MBH: \$1000/unit. Storage tank water heater (90 per cent TE and higher) 200 MBH up to 399.99 MBH: \$2000/unit. Storage tank water heater (90 per cent TE and higher) 400 MBH and higher: \$3000/unit. Hot water supply boiler (90 per cent TE and higher): \$12/MBH. High-efficiency tankless water heater (90 per cent TE and higher): \$1000/unit

Pipe & Tank Insulation Rebates

FortisBC

Eligibility Criteria

You must be a FortisBC natural gas customer under any rate class except Rate 1. You must be an owner or long-term leaseholder of an existing commercial or industrial building or a builder, developer or owner of a new commercial or industrial construction project. You must submit an application and supporting documentation no later than 365 days after the purchase date of the product(s) (as shown on the paid invoice).

Available Amount

Pipe insulation (min 1" thick): \$4 per linear foot. Tank insulation (min 1" thick): \$6 per square foot of tank. Tank insulation (1" to 2" thick): \$6 per square foot of tank. Tank insulation (min 2" thick) \$9 per square foot of tank

REFBC Grants

Real Estate Foundation of BC

Eligibility Criteria

Examples of eligible applicants include First Nations, charities and societies, non-governmental organizations, universities and colleges, trade associations, local and regional governments, and social enterprises registered as C3s.

Available Amount

REFBC will consider funding up to 50% of the cash portion of a project budget. REFBC prefers not to act as the sole cash funder of a project. We expect that other partners and funders will be approached for cash and in-kind support. Budgets should reflect costs and revenue sources (pending and confirmed) for a time-bound project or initiative. However, given that projects are often supported by an organization's overall budget, applicants may allocate up to 15% of their budget for administration or indirect costs.

Energy Manager Program

BC Hydro

Eligibility Criteria

Organizations in the Energy Manager Associates program have access to training, networking, financial incentives and the Energy Management Assessment. This is ideal for organizations wanting to learn more about what is involved in taking a strategic approach to energy management or who have integrated energy management into their business practices and want to continue having access to the resources provided. Funding to hire an energy manager is considered when you're ready to dedicate a full-time position and resources to energy management and are getting programs and projects underway.

Available Amount

BC Hydro funds 50% (up to \$50,000 per year) of an Energy Manager's salary, who is employed by the participating organization.



Continuous Optimization

BC Hydro

Eligibility Criteria

The Continuous Optimization Program is a joint offer from BC Hydro and FortisBC which provides customer assistance to save energy and improve operations in large commercial buildings without having to undertake a major capital investment. The primary focus of the program is to help you improve the efficiency of your most energy-intensive systems, such as heating, ventilation and air-conditioning (HVAC), with simple, low-cost solutions.

Available Amount

Recommission - Traditional or Direct. Investigation - 75% Payment. Implementation/Completion: 25%. Direct Payment Offer: payment will be issued to your Consultant

Project Implementation Funding

BC Hydro

Eligibility Criteria

Project Implementation funding is available to commercial, government and institutional Key Account customers with a BC Hydro-funded Energy Manager. The funding is designed to help reduce the capital cost of implementing electrical energy efficiency projects.

Available Amount

Project Implementation allows customers to meet internal hurdle rates, such as payback periods and return on investment. Through the program, you could receive funding for up to 75% of the incremental cost of lighting projects.

Energy Study

BC Hydro

Eligibility Criteria

An energy study will identify, analyze and recommend cost-effective solutions to improve inefficient systems, and increase the reliability and energy efficiency of your facility. After the energy study is complete, you'll receive a report that provides detailed suggestions for improvements, and data you can use to make informed decisions and build a solid business case.

Available Amount

Co-funding with the potential for 50% co-funding of the energy study.

Commercial New Construction Performance Program

FortisBC

Eligibility Criteria

The project must be located in a FortisBC natural gas and/or electricity service area, including municipal utilities of Grand Forks, Penticton, Summerland and Nelson Hydro. The program is for the construction of new Part 3 commercial buildings. Projects must be in the pre-construction phase when applying to the program. For projects where electricity will NOT be supplied by FortisBC, including the municipal utilities of Penticton, Grand Forks, Summerland and Nelson Hydro, projects should use natural gas as their primary source (i.e. more energy supplied by natural gas than other sources such as electricity) for two or more of the following end uses: space heating, ventilation, domestic hot water. For other projects that use natural gas, please contact your FortisBC key account manager to determine eligibility.

Available Amount

Once an energy model is reviewed and approved, the first instalment of the capital incentive is paid, which is equal to 10 per cent of the total capital incentive, as verified by the model, to a maximum of \$25,000. For the additional energy model rebate, submit an invoice for the energy model and receive 50 per cent of the cost, up to a maximum of \$15,000. Both of these incentives are paid out at this time. The remaining 90 per cent of the capital incentive rebate is paid after the building construction and commissioning is complete, subject to a successful site inspection to confirm that energy conservation measures were installed as described in the energy model. These should be submitted after each stage for an airtightness rebate equivalent to 75 per cent of the cost of each test, up to a maximum of \$5,000.



Commercial Performance Program For Existing Buildings

FortisBC

Eligibility Criteria

You must be a FortisBC commercial rate class natural gas customer and/or a FortisBC electricity customer or municipal electricity customer of Grand Forks, Penticton, Summerland and Nelson Hydro. You must be an owner or long-term leaseholder of an existing medium to large commercial, institutional, multi-unit residential, light industrial or agricultural building or facility. You must select a consultant included in FortisBC's list of approved consultants to perform a detailed energy study. For natural gas customers, your project must have the potential to save a minimum 1,200 GJ of natural gas annually. For FortisBC or municipal electricity customers, your non-lighting project must have the potential to save 50,000 kWh of electricity annually.

Available Amount

This funding is offered to help you have a detailed engineering analysis of your facility performed to identify opportunities for cost-effective natural gas and/or electricity projects. Until March 31, 2021, we've increased energy study funding² to up to 100 per cent of the cost of the study, subject to review and approval, to a maximum of \$50,000.

Commercial New Construction Program

CleanBC

Eligibility Criteria

You must have a Key Account Manager. The building(s) must be in BC Hydro service territory, including New Westminster. The Project must: Result in at least 400 t CO_{2e} in lifetime GHG savings; Involve a technology that provides net electrical load growth. Be new construction or major building renovation. Be at the end of the concept design stage. Major building renovations are defined as one of the following, all of which require a building permit and certified building plans by a licensed professional: Change of use and reconstruction of an existing building space or space within; or Change Construction work of a nature requiring the building or space within to be out of service for at least 30 consecutive days; or Renovations that are worth at least 50% of the existing building's value and impact the building envelope.

Available Amount

Energy Study Incentive up to \$15,000. Paid upon approval of the energy study and review of applicable invoices. Capital Incentives up to \$500,000. Capital incentives are based on the amount of lifetime CO_{2e} reduced and are relative to the baseline building code of the project: - Incentives range from \$30/t CO_{2e} to \$120/t CO_{2e}. The capital incentive will be paid in two installments: a 25% pre-payment (up to a maximum of \$100,000), upon the signing of an incentive agreement and proof of purchase or order, while the remaining 75% payment is upon completion of a project inspection to verify the energy impacts of the electrification measures. 100% Electrification BONUS up to \$50,000: Projects further electrified from the baseline and built to 100% electric space, ventilation and domestic hot water heating (with no gas boiler as a backup) are eligible to receive a 10% bonus of the Capital Incentive.

Custom-Lite Program

CleanBC

Eligibility Criteria

The building must be a commercial, institutional, or a multi-unit residential building. The project must demonstrate the potential to implement measures at a single facility that will lead to at least 500 and less than 1,200 tCO_{2e} of lifetime savings. To qualify as an energy measure, projects must: Provide a net decrease in greenhouse gas emissions; Result in energy impacts that are measurable and verifiable; Result in energy impacts that can be estimated using standard engineering calculations; Involve a technology that is not covered by other utility DSM programs (e.g. FortisBC's Commercial Custom Program). Individual Custom-Lite Projects are limited to a total of \$48,000 or \$72,000 in incentives depending on the equipment. The overall customer cap for combined Custom-Lite and Custom projects (Energy Study and Capital Incentives) is \$750,000 which can be spread over multiple projects and locations. Equipment cannot be purchased before finalizing and signing the Capital Incentive Agreement.

Available Amount

Energy Study Funding - The program will support up to 50% of an energy study cost, up to a maximum of \$2,000. Custom Capital Funding Incentives - based on a rate of \$40/t CO_{2e} of lifetime GHG savings, the program will support up to \$48,000 per project. For heat pump rooftop units, the rate will be 60/t CO_{2e} up to \$72,000 per project.



Building Innovation Fund

CleanBC

Eligibility Criteria

The CleanBC Building Innovation Fund (CBBIF) provides funding for projects that accelerate the availability and affordability of low-carbon building solutions including advanced building components and designs, new construction methods, low-carbon HVAC systems, and digital technology solutions. By supporting innovation in the B.C. building sector, the CBBIF will increase the capacity of B.C.-based industries and generate consumer confidence in high-performance buildings, at the same time helping to lower the costs of new technologies and building approaches over time.

Available Amount

1. Material, Component and System Manufacturing - \$300,000-\$1,000,000. Funding to support investment in manufacturing facilities to diversify and expand existing product lines or commercialize new low-carbon product lines.
 2. Digital Technology Solutions - \$200,000-\$500,000. Funding for low-carbon technology development for new or improved digital solutions.
 3. Demonstration Projects - Up to \$250,000. Funding to help offset the incremental capital or operational costs of low-carbon demonstration projects relative to industry standards. Demonstration projects are those that involve the construction or renovation of a discrete building and the demonstration of innovative technologies/materials within that building.
 4. Open Call for Innovations- \$250,000 - \$500,000. An open call for other types of low-carbon projects not covered by other funding streams, including but not limited to development, testing and certification. Preference will be given to projects that include innovative applications for currently commercialized technologies or lead to near-term commercialization of technology and/or new building products/materials.
-

Commercial Express Program

CleanBC

Eligibility Criteria

You must be a BC Hydro Commercial customer on either the Small General Service (SGS), Medium General Service (MGS) or Large General Service (LGS) rate. The building must be in the BC Hydro service territory, including New Westminster. To qualify as an electrification measure, your project must: Provide a net decrease in greenhouse gas emissions; Result in energy impacts that are measurable and verifiable; Result in energy impacts that can be estimated using standard engineering calculations; Involve a technology that is not covered by other utility demand side management programs (e.g. FortisBC's Commercial Performance Program); Involve a technology that provides net electrical load growth; Involve a technology that is accessible/viewable for site inspection and/or measurement and verification if required; and Be hardwired or permanent in nature.

Available Amount

The Program offers capital incentives up to a maximum of \$100,000 per project.

Community Sustainability Initiatives

Vancity

Eligibility Criteria

We work with local businesses, not-for-profit organizations, social enterprises, co-operatives, labour unions, Indigenous organizations or First Nation governments that align with our values. Your project must take place within Vancity's operating area (Metro Vancouver, Fraser Valley, Squamish, Capital Regional District - Victoria/Gulf Islands and/or Cormorant Island) and directly benefit these local communities.

Available Amount

up to \$10,000