

# LiveSmart BC.ca

## EFFICIENCY INCENTIVE PROGRAM

### Energy efficiency really pays!

Join your neighbours and invest in your home's energy efficiency.

The first step to become eligible for incentives is to have an energy efficiency assessment of your home. To find a Certified Energy Advisor in your area to perform your home energy efficiency assessment, visit:

[www.livesmartbc.ca/rebates](http://www.livesmartbc.ca/rebates)

Your house works as a system. When making decisions about energy and comfort improvements, consider your home's building envelope before undertaking heating system upgrades. Be sure to seek advice on ventilation and moisture control improvements. Your Certified Energy Advisor will provide expert advice and help you decide your best path forward.

Hiring the right contractor will help you put your Certified Energy Advisors' advice into action. When choosing a contractor remember to consider not only cost but value for money.

Visit [www.hiringacontractor.com](http://www.hiringacontractor.com)



Please note: There are specific requirements that must be met in order to be eligible for incentives.

**NOT ALL REQUIREMENTS ARE DETAILED IN THIS DOCUMENT.**

Refer to "Important Notes" on the back of this brochure and consult the "LiveSmart BC Notes for Contractors".

Insist that your contractor consult this information before purchasing or installing any equipment.

If you are unclear about requirements, consult your Certified Energy Advisor.

For updated information on "Eligible Improvements" and "Notes for Contractors", see

[www.livesmartbc.ca/rebates](http://www.livesmartbc.ca/rebates)

#### Incentives provided by:



Ministry of  
Energy and Mines

[www.gov.bc.ca/ener](http://www.gov.bc.ca/ener)



[www.bchydro.com](http://www.bchydro.com)



[www.fortisbc.com](http://www.fortisbc.com)

| <b>ELIGIBLE IMPROVEMENTS</b> – <i>Not all requirements are detailed in this document. Refer to “Important Notes” on the back of this brochure and consult the “LiveSmart BC Notes for Contractors”.</i>   |  | <b>Interior / Northern</b> | <b>South Coastal</b> |
|---|--|----------------------------|----------------------|
| <b>LIVESMART CHAMPION</b>   |  |                            |                      |
| Undertake a Champion Level upgrade in at least <b>five</b> upgrade categories. Champion Level upgrades are identified by a ★. Upgrade categories are divided by green or blue bands. Please see the “LiveSmart Notes for Contractors” for more details. |  | \$500                      | \$400                |
| Achieve CHBA Built Green Renovation Standard Platinum. Visit <a href="http://www.builtgreencanada.ca">www.builtgreencanada.ca</a> for information.  |  | \$500                      | \$400                |
| <b>AIR SEALING AND MECHANICAL VENTILATION</b>   |  |                            |                      |
| Perform Air Sealing of the Home to Achieve  | Base Target + 25%  | \$500                      | \$400                |
|   | Base Target + 15%  | \$300                      | \$250                |
|   | Base Target + 5%   | \$125                      | \$100                |
| Install or replace mechanical ventilation<br><br>Note: In order to qualify bathroom fans must be ducted to the exterior of the house.   | Install an HVI certified ENERGY STAR Heat Recovery Ventilator and a house air tightness of 3ach@50Pa in Interior/Northern or 4.5 ach @50Pa in South Coastal ★  | \$1000                     | \$800                |
|   | Install an ENERGY STAR Bathroom Fan where there was not previously a bathroom fan  | \$100                      | \$100                |
|   | Replace an existing bathroom fan with an ENERGY STAR bathroom fan  | \$50                       | \$50                 |
| <b>ATTIC INSULATION – 100% coverage required upon completion. Incentive pro-rated based on coverage before upgrade</b>  |  |                            |                      |
| Increase Attic Insulation   | Existing insulation R12 or less. Upgrades to achieve a minimum of R50 ★  | \$750                      | \$600                |
|   | Existing insulation R13-R25. Upgrades to achieve a minimum of R50  | \$375                      | \$300                |
|   | Existing insulation R26-R35. Upgrades to achieve a minimum of R50  | \$125                      | \$100                |
| Increase Cathedral or Flat Roof Insulation  | No existing insulation. Upgrade to achieve a minimum of R14 ★  | \$750                      | \$600                |
|   | Existing insulation R1 – R12. Upgrade to achieve a minimum of R28 ★  | \$750                      | \$600                |
|   | Existing insulation R13 – R35. Upgrade to achieve a minimum of R50   | \$250                      | \$200                |
| <b>EXTERIOR WALL INSULATION</b>   |  |                            |                      |
| Exterior Wall Insulation  | Add at least R9 for 100% of building to achieve a minimum of R12 ★   | \$1500                     | \$1200               |
|   | Add at least R9 for 80% of building to achieve a minimum of R12 ★  | \$1200                     | \$1000               |
|   | Add at least R9 for 60% of building to achieve a minimum of R12  | \$900                      | \$700                |
|   | Add at least R3.8 for 100% of building to achieve a minimum of R12 ★   | \$1000                     | \$750                |
|   | Add at least R3.8 for 80% of building to achieve a minimum of R12  | \$800                      | \$600                |
|   | Add at least R3.8 for 60% of building to achieve a minimum of R12  | \$600                      | \$450                |
| <b>BASEMENT INSULATION AND OTHER INSULATION</b>   |  |                            |                      |
| Basement Insulation   | Add at least R23 for 100% of surface area ★  | \$1250                     | \$1000               |
|   | Add at least R23 for 80% of surface area ★   | \$1000                     | \$800                |
|   | Add at least R23 for 60% of surface area   | \$750                      | \$600                |
|   | Add at least R10 for 100% of surface area ★  | \$625                      | \$500                |
|   | Add at least R10 for 80% of surface area   | \$500                      | \$400                |
|   | Add at least R10 for 60% of surface area   | \$375                      | \$300                |
| <b>Other Insulation – 100% coverage required upon completion. Incentive pro-rated based on coverage before upgrade</b>  |  |                            |                      |
| Basement Header   | Add at least R20   | \$125                      | \$100                |
| Crawl Space Wall (can qualify for only this rebate <b>or</b> Floor Above Crawl Space Rebate)  | Add at least R23 ★   | \$1000                     | \$800                |
|   | Add at least R10   | \$500                      | \$400                |
| Floor Above Crawl Space   | Add at least R24 ★   | \$550                      | \$450                |
| Exposed Floor   | Add at least R20 (150 sq ft minimum)   | \$225                      | \$175                |
| <b>WINDOWS, DOORS AND SKYLIGHTS – Heated space only</b>   |  |                            |                      |
| ENERGY STAR Windows, Doors and Skylights Replacement  | Rated one ENERGY STAR zone better ★ (must upgrade a minimum of 75% of windows to achieve Champion Level)   | \$70                       | \$60                 |
|   | Rated for your ENERGY STAR zone  | \$35                       | \$30                 |
|   | LiveSmart qualified storm windows. Only available for formally recognized heritage homes. For qualification requirements and a list of eligible, formally-recognized heritage homes, speak to your energy advisor. | \$25                       | \$20                 |

**ELIGIBLE IMPROVEMENTS** – *Not all requirements are detailed in this document. Refer to “Important Notes” on the back of this brochure and consult the “LiveSmart BC Notes for Contractors”.*

Interior / Northern

South Coastal

**PRIMARY SPACE HEATING** – *Maximum of one incentive for Primary Space Heating*

*Please note: Heating systems may be advertised with an AFUE “up to” a certain percentage. Please ensure that the installed efficiency of your heating system meets the requirements below.*

|   |  |        |        |
|---|--|--------|--------|
| Contractor with TECA or HRAI accreditation or ASCT Mechanical Technologist credential   | Furnace, Heat Pump, Boiler or Heat Recovery Ventilator system design and installation signed off by a TECA Quality First, HRAI Skilltech or ASCT Mechanical Technologist accredited professional. See “Important Notes” on the back for details. | \$100  | \$100  |
| Gas Furnace or Boiler Replacement   | ENERGY STAR gas furnace 95% AFUE or better with DC variable speed motor ★  | \$600  | \$500  |
|   | ENERGY STAR condensing gas boiler 90% AFUE or better ★   | \$600  | \$500  |
|   | Zero Clearance Gas Furnace 90% AFUE  | \$300  | \$250  |
| Air Source Heat Pump<br><br>Note: All components of each ENERGY STAR qualified Air Source Heat Pump system must have a qualifying AHRI number. This includes new or existing furnaces, indoor and outdoor air handlers, and heat pumps. If you are planning on installing an Air Source Heat Pump insist that your contractor consult the “LiveSmart BC Notes for Contractors” before purchasing or installing any equipment. | ENERGY STAR central system verified with an AHRI number, with either a new DC variable speed air handler or a new ENERGY STAR furnace with DC variable speed motor ★   | \$1500 | \$1500 |
|   | Ductless mini-split: one head in main occupied area plus one additional head on a different floor, ENERGY STAR or inverter-based system ★  |        |        |
|   | ENERGY STAR central system added to an existing furnace or added to an existing indoor air handling unit ★   | \$1000 | \$1000 |
|   | Ductless mini-split: single head in main occupied area, ENERGY STAR or inverter-based system ★   |        |        |
| Ground or Water Source Heat Pump<br><br>Note: Canadian Geo Exchange Coalition certificate must be available at the time of the follow-up assessment   | ENERGY STAR single package system ★  |        |        |
|   | CAN/CSA C448 compliant, new ground source heat pump installation that is certified by the Canadian GeoExchange Coalition ★   | \$2500 | \$2500 |
|   | CAN/CSA C448 compliant, ground source heat pump replacement that is certified by the Canadian GeoExchange Coalition ★  | \$1000 | \$1000 |
| CAN/CSA C448 compliant, new shared ground source heat pump serving three or more homes that is certified by the Canadian Geo Exchange Coalition   | One incentive per shared loop  | \$1500 | \$1500 |
|   | One for each distribution system in the shared loop ★  | \$1000 | \$1000 |

**OTHER SPACE HEATING**

|   |  |       |       |
|---|--|-------|-------|
| Wood Stove or Gas Fireplace Replacement to Pellet Stove | Replace existing supplementary heating system with a pellet burning appliance that meets or exceeds the Washington State particulate emission standards for solid fuel burning domestic appliance. For a list of qualifying appliances, speak to your advisor. | \$500 | \$500 |
| Electronic Thermostats                                  | Replace a minimum of five thermostats for electric baseboards with electronic thermostats  | \$50  | \$50  |

**WATER HEATING** – *Maximum of one incentive for Gas or Electric Water Heater*

|  |   |                                 |       |       |
|--|---|---------------------------------|-------|-------|
| Gas Water Heater Replacement                 | ENERGY STAR condensing type with an Energy Factor of 0.90 ★   | \$300                           | \$300 |       |
|  | ENERGY STAR with an Energy Factor of 0.82   | \$200                           | \$200 |       |
|  | Condensing gas storage type that has a Thermal Efficiency of 94%  | \$300                           | \$300 |       |
|  | Condensing gas storage-type with Thermal Efficiency of 90%  | \$200                           | \$200 |       |
| Electric Heat Pump Water Heater Installation | Electric heat pump water heater with an Energy Factor of 2.0 or greater. Must be installed in an unconditioned space or have ducting of the exhaust air to the outdoors | ENERGY STAR Integrated system ★ | \$500 | \$500 |
|  |   | Add-on system                   | \$250 | \$250 |
| Solar Water Heater Installation              | CSAF 378 compliant. Installed by company with one installer trained to CSAF383.08. See Important Notes for Contractors for lists of eligible systems and contractors ★  | \$500                           | \$500 |       |
| Drain Water Heat Recovery Installation       | With efficiency greater than 42%  | \$150                           | \$150 |       |

**DISTRIBUTED POWER GENERATION** – *A maximum of \$1300 for any combination of new equipment*

|  |              |            |             |             |       |       |
|--|--------------|------------|-------------|-------------|-------|-------|
| Through net metering, generate power via | Photovoltaic | Wind       | Micro-hydro | Fuel Cell   |       |       |
|  | per 1 kw     | per 0.6 kw | per 0.4 kw  | per 0.25 kw | \$260 | \$260 |

## IMPORTANT NOTES

**This offer is available to homeowners in the Province of B.C. who have not yet accessed incentives from either the LiveSmart BC or ecoENERGY Programs. Homeowners must have an initial Energy Assessment performed on or after April 1, 2011 and complete a follow-up Energy Assessment within 18 months of their initial Energy Assessment or before March 31, 2013, whichever comes first.**

### Required Documentation

Homeowners must retain copies of all documentation to be eligible for incentives. Invoices and product technical documents must be available for your Certified Energy Advisor on the date of your post-retrofit energy assessment.

### Fortis BC Contribution

A portion of these incentives may be provided by FortisBC. The incentive can only be claimed once, either from Livesmart BC or through FortisBC. Homeowners who have received an incentive directly from FortisBC will have their LiveSmart BC incentive amount reduced by the amount received from FortisBC.

### Interior and Northern/South Coastal

The Interior and Northern region covers most of British Columbia. South Coastal is comprised of the following: District of Squamish Municipality and Regional Districts: Metro Vancouver, Fraser Valley, Sunshine Coast, Powell River, Comox Valley, Strathcona, Alberni-Clayoquot, Nanaimo, Cowichan Valley and Capital Regional District.

### Attic Insulation

When more than one attic type is present, all applicable incentives are pro-rated based on the total area that is insulated. 100% coverage upon completion must still be achieved in either area to receive the qualifying pro-rated rebate.

### Basement/Other Insulation

When both a basement and crawl space are present, all applicable grants are pro-rated based on the total wall area that is insulated.

### Windows, Doors and Skylights

Grants for windows, doors and skylights are based on the number of rough openings (RO) in which windows or skylights were replaced between the pre- and post-retrofit evaluations. Each RO is counted as one window, door or skylight. A bay window, which may be made up of several windows, is regarded as one RO.

### Equipment Replacement

To be eligible for incentives, the new equipment must have a higher efficiency than the original equipment.

### TECA or HRAI Accredited Contractor or ASCT Mechanical Technologist

Homeowners must receive a signed copy of the appropriate LiveSmart form from their TECA, HRAI or ASCT Mechanical Technologist contractor to be eligible. Only installations of equipment that are eligible for other LiveSmart incentives are eligible. To find a TECA or HRAI-accredited contractor or an ASCT Mechanical Technologist, visit [www.teca.ca/Q1st\\_contractors.php](http://www.teca.ca/Q1st_contractors.php) or [www.hrai.ca/certification\\_canada.php](http://www.hrai.ca/certification_canada.php) or [www.asttbc.org/registration/technologists](http://www.asttbc.org/registration/technologists). You may also want to ask your contractor whether their installation staff has a technical certification (e.g. Refrigeration Mechanic for air source heat pump installations). Please see "LiveSmart Notes for Contractors" for complete details.

NOTE: Contractors and installers who do not currently hold TECA, HRAI or ASCT Mechanical Technologist accreditation can still install equipment that is eligible for other LiveSmart incentives.

### Space Heating

If more than one "Primary Space Heating" measure is installed, the participant will be awarded one incentive for the highest LiveSmart BC Program amount for which they are eligible. No LiveSmart BC Program incentive will be provided for a second "Primary Space Heating" measure. Participants will continue to qualify, if eligible, for pellet stove replacement.

### Water Heating

In addition to Gas or Electric Water Heater incentives, participants are eligible for the Drain Water Heat Recovery and Solar Water Heater incentives.

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**For complete details on the LiveSmart BC: Efficiency Incentive Program criteria, talk to your Energy Advisor. These incentives are subject to revision, and will be paid in accordance with the terms and conditions in place at the time of the homeowner's second energy assessment. For current terms and conditions visit [www.livesmartbc.ca/rebates](http://www.livesmartbc.ca/rebates)**

**Payment of LiveSmart BC incentives is subject to the availability of funds.**

**The Province of B.C. does not endorse the services of any contractor nor any specific products and accepts no liability in the selection of materials, products, and contractors or performance or workmanship.**

**LiveSmart BC: Efficiency Incentive Program**

**[www.livesmartbc.ca/rebates](http://www.livesmartbc.ca/rebates)**

**Email: [EfficiencyIncentives@gov.bc.ca](mailto:EfficiencyIncentives@gov.bc.ca)**

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