



## 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)



Please note: There are specific requirements that must be met in order to be eligible for incentives. Please read this document carefully. If you are unclear on requirements, consult your certified energy advisor before purchasing or installing any equipment.



This offer is available to homeowners in the Province of B.C. who have an initial (pre-retrofit) energy assessment performed on or after April 1, 2010 and complete a follow-up (post-retrofit) energy assessment by March 31, 2011.

Get it done right, visit [www.hiringacontractor.com](http://www.hiringacontractor.com)

### Be a LiveSmart Champion!

Receive an extra bonus for increasing your home's overall EnerGuide rating. In addition to the incentives listed inside, if you undertake **at least two eligible improvements** and increase your home's overall EnerGuide rating, as outlined below, you can be eligible for the following incentives:



Increase your rating by 40 points and receive \$1000 in Interior and Northern areas or \$700 in South Coastal areas<sup>1</sup> (must achieve a minimum post-retrofit rating of 60).



Increase your rating by 20 points and receive \$500 in Interior and Northern areas or \$400 in South Coastal areas<sup>1</sup> (must achieve a minimum post-retrofit rating of 50).

Incentives provided by:



Ministry of Energy, Mines and Petroleum Resources



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



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



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

<b>ELIGIBLE IMPROVEMENTS<sup>2</sup></b> <i>Please refer to "Important Notes on Eligible Improvements" on the back of this brochure.</i>		<b>Interior and Northern Rebate<sup>1</sup></b>	<b>South Coastal Rebate<sup>1</sup></b>
<b>PRIMARY SPACE HEATING - Maximum of one incentive for Primary Space Heating</b> <i>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.</i>			
<b>Gas Furnace Replacement</b>	<b>ENERGY STAR<sup>®</sup> 95% AFUE or better with DC variable speed motor</b> ENERGY STAR 92% AFUE or better with DC variable speed motor	<b>\$1130</b> <b>\$860</b>	<b>\$770</b> <b>\$580</b>
<b>Oil Furnace Replacement</b>	<b>ENERGY STAR 90% AFUE or better</b> ENERGY STAR 85% AFUE or better with DC variable speed motor	<b>\$1020</b> <b>\$490</b>	<b>\$520</b> <b>\$330</b>
<b>Oil or Gas Boiler Replacement</b>	<b>ENERGY STAR condensing gas 90% AFUE or better or oil 87% AFUE or better</b>	<b>\$1120</b>	<b>\$730</b>
<b>Air Source Heat Pump<sup>4</sup> Installation</b>  <b>Add on Heat Pump, Ductless Mini-split, or Single Package System<sup>4</sup></b>	<b>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</b>  ENERGY STAR central system added to an existing furnace or added to an existing indoor air handling unit.  ENERGY STAR ductless mini-split  ENERGY STAR single package system and meeting split system requirements  <i>Note: All components of each ENERGY STAR qualified Air Source Heat Pump system must be referenced by a qualifying AHRI number. This includes new or existing furnaces, indoor and outdoor air handlers, and heat pumps</i>  <i>If you are planning on installing an Air Source Heat Pump please ask your energy advisor for the "LiveSmart BC Notes for Contractors: ASHP" sheet. This will help you ensure that your contractor understands the requirements for qualifying for these incentives</i>	<b>\$1450</b>  <b>\$1070</b>	<b>\$1420</b>  <b>\$1060</b>
<b>Ground or Water Source Heat Pump</b>	<b>CAN/CSA C448 compliant, new ground source heat pump installation that is certified by the Canadian GeoExchange Coalition</b>  CAN/CSA C448 compliant, ground source heat pump replacement that is certified by the Canadian GeoExchange Coalition	<b>\$1250</b>  <b>\$1000</b>	<b>\$1250</b>  <b>\$1000</b>
<b>Integrated Mechanical System Installation Replaces Existing Space and Water Heating</b>	With an overall thermal performance factor of 0.90 or higher. The system must be compliant with the CSA P.10-07 standard and meet or exceed the standard's premium performance requirements	<b>\$1440</b>	<b>\$1170</b>
<b>Solid-Fuel Fired Outdoor Boiler Replacement</b>	Certified to meet emission standards of CAN/CSA B415.1-10 or qualified for the U.S. EPA Phase 2 (White Tag). The capacity of the new boiler must be equal to or smaller than the capacity of the boiler being replaced	<b>\$375</b>	<b>\$375</b>
<b>Zero Clearance Furnace Replacement</b>	ENERGY STAR zero-clearance gas furnace that has a 90% AFUE or higher. Only available for mobile homes <sup>5</sup>	<b>\$280</b>	<b>\$250</b>
<b>OTHER SPACE HEATING</b>			
<b>Heat Recovery Ventilator Installation</b>	HVI certified and a house air tightness of 3 ach@50Pa in Interior and Northern or 4.5 ach @50Pa in South Coastal	<b>\$500</b>	<b>\$500</b>
<b>Wood Stove (or Pellet Stove) Replacement</b>	Certified by US Environmental Protection Agency (EPA) to meet their wood-burning appliance standards (40 CFR Part 60, Subpart AAA) or certified to meet the emission standards of CSA B415.1-10	<b>\$250</b>	<b>\$250</b>
<b>Electronic Thermostat Installation</b>	Replace a <b>minimum of five</b> thermostats for electric baseboards with electronic thermostats	<b>\$30</b>	<b>\$30</b>
<b>WATER HEATING - Maximum of one incentive for Gas or Electric Water Heater<sup>6</sup></b>			
<b>Gas Water Heater Replacement</b>	<b>ENERGY STAR instantaneous condensing type with an Energy Factor of 0.90</b> ENERGY STAR with an Energy Factor of 0.82 Condensing gas storage type that has a Thermal Efficiency of 94%	<b>\$310</b> <b>\$220</b> <b>\$220</b>	<b>\$310</b> <b>\$220</b> <b>\$220</b>
<b>Electric Heat Pump Water Heater Installation</b>	Electric heat pump water heater with an Energy Factor of 2.0 or greater	<b>\$130</b>	<b>\$130</b>
<b>Solar Water Heater Installation</b>	CAN/CSA compliant. *In addition to LiveSmart BC incentives, a \$1000 incentive is available from Solar BC. See <a href="http://www.solarbc.ca">www.solarbc.ca</a>	<b>\$125*</b>	<b>\$125*</b>
<b>Drain Water Heat Recovery Installation</b>	With efficiency greater than 42%	<b>\$80</b>	<b>\$80</b>

<b>ELIGIBLE IMPROVEMENTS<sup>2</sup></b> <i>Please refer to "Important Notes on Eligible Improvements" on the back of this brochure.</i>					<b>Interior and Northern Rebate<sup>1</sup></b>	<b>South Coastal Rebate<sup>1</sup></b>
<b>ATTIC INSULATION - 100% coverage of component required<sup>7</sup></b>						
<b>Increase Attic Insulation</b>	<b>Existing insulation R12 or less. Upgrade to achieve a minimum of R50</b>				\$310	\$190
	Existing insulation R12 or less. Upgrade to achieve a minimum of R40				\$220	\$140
	Existing insulation R13 – R25. Upgrade to achieve a minimum of R50				\$110	\$70
	Existing insulation R13 – R25. Upgrade to achieve a minimum of R40				\$70	\$50
<b>Increase Cathedral or Flat Roof Insulation</b>	<b>Existing insulation R0. Upgrade to achieve a minimum of R14</b>				\$590	\$420
	Existing insulation R1 – R12. Upgrade to achieve a minimum of R28				\$150	\$90
	Existing insulation R13 – R35. Upgrade to achieve a minimum of R50				\$50	\$50
<b>EXTERIOR WALL INSULATION</b>						
<b>Increase Exterior Wall Insulation</b>	<b>Add at least R9 for 100% of building to achieve a minimum of R12</b>				\$400	\$400
	Add at least R9 for 80%+ of building to achieve a minimum of R12				\$230	\$230
	Add at least R9 for 60%+ of building to achieve a minimum of R12				\$160	\$160
	Add at least R3.8 for 100% of building to achieve a minimum of R12				\$140	\$140
	Add at least R3.8 for 80%+ of building to achieve a minimum of R12				\$100	\$100
<b>BASEMENT INSULATION - Requires consideration of basement moisture levels as part of the audit<sup>8</sup></b>						
<b>Increase Basement Insulation (full indoor height)</b>	<b>Add at least R23 for 100% of surface area</b>				\$500	\$400
	Add at least R23 for 80% of surface area				\$390	\$300
	Add at least R23 for 60% of surface area				\$190	\$140
	Add at least R10 for 100% of surface area to achieve R12				\$310	\$230
	Add at least R10 for 80% of surface area to achieve R12				\$220	\$150
	Add at least R10 for 60% of surface area to achieve R12				\$170	\$120
<b>OTHER INSULATION - 100% coverage required<sup>8</sup></b>						
<b>Basement Header</b>	Add at least R20				\$60	\$50
<b>Crawl Space Wall (can qualify for only this rebate or Floor Above Crawl Space Rebate)</b>	<b>Add at least R23</b>				\$520	\$320
	Add at least R10				\$100	\$100
<b>Floor Above Crawl Space</b>	Add at least R24				\$520	\$320
<b>Exposed Floor</b>	Add at least R20 (150 sq ft minimum)				\$230	\$150
<b>WINDOWS, DOORS AND SKYLIGHTS (Heated Space Only)<sup>9</sup></b>						
<b>Energy Star Windows, Doors and Skylights Replacement</b>	<b>Rated one ENERGY STAR zone better</b>				\$40	\$30
	For your ENERGY STAR zone				\$30	\$20
<b>AIR TIGHTNESS AND DRAFT PROOFING</b>						
<b>Perform Air Sealing of the Home to achieve</b>	<b>Base Target +20%</b>				\$280	\$250
	Base Target+10%				\$175	\$150
	Base Target				\$125	\$100
<b>DISTRIBUTED POWER GENERATION - A maximum of \$1300 for any combination of new equipment</b>						
<b>Through net metering, generate power via:</b>	<b>Photovoltaic</b>	<b>Wind</b>	<b>Micro-hydro</b>	<b>Fuel Cell</b>		
	per 1 kw	per 0.6 kw	per 0.4 kw	per 0.25 kw	\$260	\$260

## Important Notes on Eligible Improvements

### <sup>1</sup>Interior and Northern/South Coastal

**Interior and Northern** 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.

### <sup>2</sup>Equipment Replacement

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

### <sup>3</sup>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 “Other Space Heating” incentives detailed in this brochure, e.g. wood stove replacement or HRV installation.

### <sup>4</sup>Air Source Heat Pump (ASHP) Fortis BC Contribution

A portion of the ASHP incentive 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 for their ASHP directly from FortisBC will have their LiveSmart BC incentive amount reduced by the amount received from FortisBC.

### <sup>5</sup>Mobile Homes

Mobile homes are eligible if they are situated on a permanent foundation and if the property tax roll number is in the name of the homeowner.

### <sup>6</sup>Water Heating

In addition to Water Heater incentive, participants are eligible for a Drain Water Heat Recovery and Solar Water Heater incentives.

### <sup>7</sup>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 must still be achieved in either area to receive the qualifying prorated rebate.

### <sup>8</sup>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.

### <sup>9</sup>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.

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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)**

**Tel: 1.866.430.8765**