

# HOME ENERGY RETROFIT ACCELERATOR

PROGRAM USER GUIDE

PROGRAM LAUNCH DATE:  
JANUARY 13, 2021

CHANGE  
FOR  
CLIMATE

Edmonton





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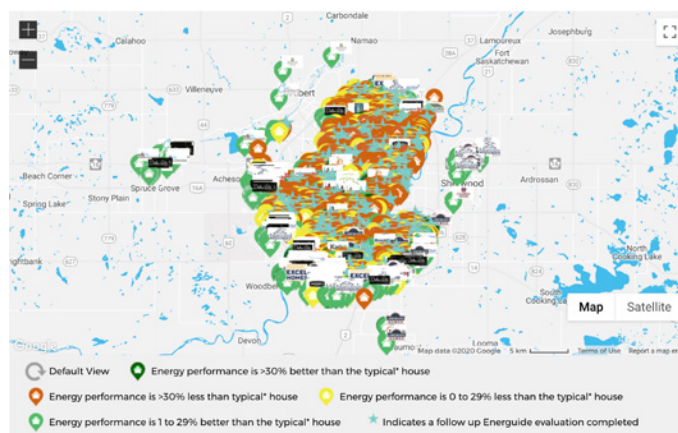


# 1. PROGRAM OVERVIEW

Homeowners have a critical role to play in reducing Edmonton's greenhouse gas emissions. Luckily, making energy efficiency upgrades to your home is not only good for the environment, it is also good for the economy and your well-being.

Part of Edmonton's [Change for Climate](#) initiative, the Home Energy Retrofit Accelerator is a rebate program which provides financial incentives to Edmonton homeowners who invest in improving the energy efficiency of their homes. These actions result in energy savings and help transform the market by making energy efficiency more visible through homeowner participation on [Edmonton's Home Energy Map](#).

Participating homeowners will gain valuable insight into energy efficiency opportunities in their home through an EnerGuide home energy evaluation. This tool helps homeowners make renovation decisions informed by their EnerGuide renovation roadmap and the advice of a professional energy advisor. As homeowners complete home energy efficiency upgrades, they may be eligible for rebates from the City of Edmonton. In recognition of the urgency of climate change, homeowners are encouraged to upgrade their home to be as energy efficient as possible. To encourage significant energy retrofits, bonus rebates are available to those who make multiple upgrades at once.



*Visit [Edmonton's Home Energy Map](#) to learn about the energy efficiency of thousands of homes*

Participants will also be encouraged to have a post-retrofit EnerGuide home energy evaluation completed that recognizes and quantifies energy efficiency improvements and helps ensure renovations result in energy savings as expected. Upgraded homes are also highlighted within [Edmonton's Home Energy Map](#).



## 2. CLIMATE-READY HOMES

### YOUR HOME CONTRIBUTES TO CLIMATE CHANGE

Edmonton is part of global, social, economic and environmental systems that support our quality of life, and these systems are each disrupted to varying degrees by climate change.

Household energy use is a big deal. Most homes produce greenhouse gas emissions directly through natural gas powered furnaces and indirectly by consuming electricity. Within Edmonton, the residential sector produces almost 20% of our community greenhouse gas emissions every year. The choices you make in your home result in carbon emissions and affect your household contributions to climate change.

### WHAT IS A CLIMATE-READY HOME?

Once you've maximized your home's energy efficiency and improved your climate resilience, you will have a climate-ready home. Climate-ready homes slow climate change by reducing emissions while also preparing your home to better cope with the effects of a changing climate. In addition to energy retrofits, consider making upgrades to adapt your home to climate change, too. Visit [climateresilienthome.ca](https://climateresilienthome.ca) for more information.

Climate-ready homes integrate high-performance building systems and equipment to reduce carbon emissions and increase climate resilience. As a result, climate-ready homes are more comfortable, can help you save money on utility bills and are more resilient to the impacts of a changing climate.

### CHANGE FOR CLIMATE

Change for Climate is a call to all Edmontonians to take action and work together to reduce our city's greenhouse gas emissions by **35% [below 2005 levels] by 2035** as outlined in Edmonton's Community Energy Transition Strategy. It includes programs like the Home Energy Retrofit Accelerator that help residents, communities, business owners and organizations to act locally to make us more resistant to the global impacts of climate change and to protect our quality of life, health and economy. To join the movement and learn about available energy transition programs, visit [changeformclimate.ca](https://changeformclimate.ca)

## SUPPORT THE LOCAL ECONOMY

There are proven economic benefits to energy efficiency. Programs like Edmonton's Home Energy Retrofit Accelerator stimulate a retrofit economy where qualified professionals support homeowners in their energy auditing and renovation activities. Improving your household energy efficiency is not only a smart investment for you, but evidence is growing that energy efficient homes have higher overall market value. In addition to carbon reductions, home renovations immediately contribute to Edmonton's economic stimulus and support job stability for Edmontonians.

The City of Edmonton is committed to climate resilience, as demonstrated through Edmonton's *Community Energy Transition Strategy*, and *Climate Resilient Edmonton: Adaptation Strategy and Action Plan*. Today's climate science indicates that all existing buildings must achieve zero emissions operations by 2050 in order to avoid the most significant impacts of climate change. While ambitious, this goal is achievable and Edmonton's Home Energy Retrofit Accelerator exists to support Edmontonians on their pathway to zero emissions.

## RENOVATING TO NET ZERO

A net zero energy home is one that produces enough renewable energy to meet all the home's energy needs on an annual basis. This includes all the energy consumed in the house: from appliances, to heating, cooking, hot water and all other energy uses.

Most net zero homes in Alberta use solar power to produce electricity to meet their household energy needs. They typically produce more electricity than they need in the summer, which they sell back to the grid. Then, they use electricity from the grid in the winter resulting in lower utility bills year round. Edmonton has great solar potential: visit the [MyHEAT Solar Potential Map](#) to discover your home's potential.

Edmonton's Home Energy Retrofit Accelerator encourages Edmontonians to explore how their home could be renovated to net zero. When thinking about your home, **consider these general steps to renovate to net zero:**

- 1. MAKE IT TIGHT.** *Efficient homes don't let as much air escape. Whenever you do an improvement, make sure to minimize treated air leaving your home.*
- 2. INSULATE RIGHT.** *Reduce the amount of heat lost through exterior surfaces (attics, walls, windows & doors).*
- 3. SIZE FOR THE SPACE.** *Homes with better insulation and improved air tightness require less space heating and smaller equipment is possible. Electric heat pumps are an alternative to furnaces in energy efficient homes.*
- 4. MAKE UP THE DIFFERENCE.** *An effective path to net zero requires significant energy efficiency improvements, heat recovery (water and air), and appropriately sized mechanical systems and appliances – powered by electricity. With that combination, a rooftop solar panel installation can generate enough green electricity to meet your needs.*

## ON THE PATHWAY TO A ZERO EMISSIONS HOME

Every home is different. It is recommended that you hire a building professional to help you understand your home and personalize your pathway to net zero. Advice can help ensure that your current and future renovations are complementary to one another, and are aligned with your home's pathway to net zero. Even minor renovations completed without considering what future upgrades may be necessary can limit your ability to achieve a climate-ready home.





### 3. HOMEOWNER ELIGIBILITY

Participation in Edmonton's Home Energy Retrofit Accelerator is available to owners of residential homes located within the City of Edmonton.

**Eligible homes include:**

- Detached
- Semi-detached
- Row homes/townhomes
- Mobile homes on a permanent foundation intended for year-round occupancy
- Existing suites located within any of these homes (except for mobile homes)

Participation in Edmonton's Home Energy Retrofit Accelerator requires a recent home energy assessment known as a version **15 (v15) EnerGuide Home Energy Evaluation** conducted by a qualified energy advisor. Homeowners who have received a v15 EnerGuide home energy evaluation prior to the launch of the program are still eligible for energy retrofit rebates.

Once an EnerGuide home energy evaluation has been completed and submitted to the Program Administrator, the EnerGuide label will be shared on Edmonton's Home Energy Map. For details on the public sharing of EnerGuide labels, please see the [Program Terms & Conditions](#).

While this program focuses on existing homes, newly constructed homes are eligible for rebate for their EnerGuide Home Energy Evaluations. For more information see the [program website](#).

#### ELIGIBILITY PERIOD

Home energy efficiency upgrades must be completed, and applications submitted, after the program launch date and within 18-months of program enrollment (except for the renovating to net zero rebate). For details, please see the [Program Terms & Conditions](#).



## 4. REBATE AMOUNTS & RETROFIT ELIGIBILITY

### PRODUCTS AND REBATE LEVELS

If a home meets all eligibility criteria as outlined in the [Program Terms & Conditions](#), then the homeowner is eligible for rebates for their home energy retrofits. For a full list of eligible items, see the [Eligible Products & Services List](#).

### REBATE CATEGORIES

Rebates are available for the following categories:

- EnerGuide Evaluations
- Insulation Upgrades
- Air Sealing Improvements
- Window Upgrades
- Water Heating Upgrades, including drain water heat recovery and efficient water heating
- Space Heating Upgrades, including heat pumps, smart thermostats, and high efficiency furnaces
- Renovating to Net Zero

For product-specific eligibility and documentation requirements, please see the [Eligible Products & Services List](#). Rebates for high efficiency ENERGY STAR furnaces are only available to homeowners who have already completed two other energy efficiency upgrades. Participants with unexpected water or space heating equipment failures may still be eligible for rebates, please see the [program FAQ's](#) for details on emergency heat replacement.





## BONUS REBATES

In recognition of the urgency of climate change, homeowners are encouraged to pursue multiple upgrades to making their home as energy efficient as possible. To encourage deep energy retrofits, bonus rebates are available. If three or more upgrades are completed, a 20% bonus rebate will be provided to the homeowner on all completed upgrades (excluding EnerGuide evaluations). All upgrades must take place in the 18 month period after enrolling in the program.

For context, [three examples](#) are provided at the end of this guide to demonstrate how bonus rebates will be calculated.

## STACKABLE REBATES

While Edmonton's Home Energy Retrofit Accelerator is an important part of your journey to a climate-ready home, homeowners are encouraged to take advantage of all rebate programs available to support their journey. For example, Edmonton's [Change Homes for Climate Solar Rebate Program](#) provides financial rebates for homeowners who install rooftop solar energy systems. See the [Program Terms & Conditions](#) for further details and limitations regarding stacking rebates.

## RENOVATING TO NET ZERO

A \$10,000 rebate is available for homeowners who have renovated their homes to net zero, as demonstrated through achieving a 0 on a post-retrofit EnerGuide home energy evaluation. The rebate cannot exceed a maximum of 40% of the costs associated with renovating an existing home to net zero energy.

This rebate amount is stackable with other programs (such as [Edmonton's Solar Rebate Program](#)) and is in addition to the product-specific rebates provided by Edmonton's Home Energy Retrofit Accelerator. However, the total of all rebates cannot exceed 40% of eligible costs, which includes all energy efficient equipment, installation and professional services.

## WHAT IS ENERGUIDE?

[EnerGuide is a Natural Resources Canada](#) tool for evaluating home energy performance. The program consists of a home evaluation done by a professional energy advisor, a report with recommendations on upgrades/renovations that could be done to improve the home's efficiency, and a label with a rating on the energy performance of the home. For more information, [see these FAQ's](#).

**ENERGUIDE**



## 5. HOW TO PARTICIPATE

Participation in Edmonton's Home Energy Retrofit Accelerator is a multi-step process whereby homeowners engage with the program multiple times during their retrofit journey.

### PLANNING YOUR UPGRADES

When planning your energy retrofits, consider the recommendations from the energy advisor who completed your EnerGuide home energy evaluation. The renovation upgrade report they provided will be especially helpful, the tool is a roadmap for making your home more energy efficient.

If you're hiring a professional contractor to complete your upgrades, it is recommended that you seek quotes/advice from multiple contractors and ask lots of questions when making your investment decisions. Also, make sure your chosen contractor is familiar with Edmonton's Home Energy Retrofit Accelerator program and the [Eligible Products & Services List](#) to ensure the equipment being installed qualifies for the rebate. You can also ask them to collect and share the required documents and photos with you to support your rebate application.

**It is strongly recommended that homeowners and contractors review program details, product eligibility and program terms and conditions before starting energy retrofit project[s].**

### WANT TO DO-IT-YOURSELF?

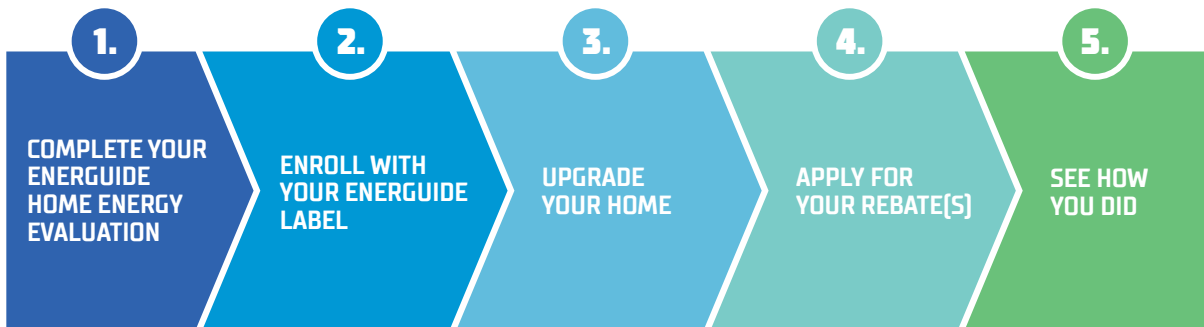
The following categories of upgrades do not require a contractor to be eligible for a rebate, as a result homeowners have the option to complete the installation themselves:

- Insulation
- Windows
- Smart Thermostats
- Drain water heat recovery
- Air sealing



# PARTICIPANT JOURNEY

## FOLLOW THESE STEPS



## 1. COMPLETE YOUR ENERGUIDE HOME ENERGY EVALUATION

- If you already have a [version 15 EnerGuide label](#) for your home, continue to Step 2.
- If you do not have an EnerGuide label, choose an [energy advisor](#) and schedule your Home Energy Evaluation.
- It is recommended to get quotes from 2-3 companies as rates may vary.
- Your energy advisor will assess your home from top to bottom and work with you to determine which energy efficiency upgrades work best for your home.

## 2. ENROLL WITH YOUR ENERGUIDE LABEL

- [Complete this short form](#) to enroll your home in Edmonton's Home Energy Retrofit Accelerator and apply for your EnerGuide evaluation rebate.
- Enrollment requires that you agree with the [Program Terms & Conditions](#), including providing consent to share your EnerGuide label [on Edmonton's Home Energy Map](#).

### 3. UPGRADE YOUR HOME

- Learn about the energy systems in your home, research the recommendations from your EnerGuide report and plan your energy retrofits.
- When making plans, be sure to reference the [Eligible Products and Services List](#) to confirm equipment eligibility. If hiring a contractor, ensure that the products they choose meet eligibility criteria.
- Don't forget that you are eligible for a 20% bonus on all equipment rebates if you complete 3 upgrades in an 18 month period.
- Learn what supporting documentation will be required and (if applicable) confirm that your contractor can help provide these for you.
- Hire a contractor or complete upgrades yourself (if eligible for DIY). It is recommended that you get multiple quotes, retain all receipts and collect necessary photos/documentation.

### 4. APPLY FOR YOUR REBATE(S)

- Submit your energy retrofits through the [rebate application form](#). You are able to submit up to 3 upgrades at once.
- Please note, you will need your EnerGuide file number in addition to detailed documentation of your energy efficiency upgrades to complete the application form. See the [Eligible Products & Services List](#) for details.

### 5. SEE HOW YOU DID

- Once all renovations are complete, you are encouraged to call your energy advisor for a follow up EnerGuide Home Energy Evaluation. This will update your EnerGuide label to reflect your home upgrades, and your home's label will be updated on Edmonton's Home Energy Map.
- Complete the rebate application form again (Step 4) for your post-retrofit EnerGuide evaluation rebate.

## WHAT TO EXPECT NEXT

Participants should expect to receive rebate cheques within 4 to 6 weeks of the submission of a complete application which will be delivered by cheque via Canada Post.

Incomplete applications may be declined, and the homeowner will be notified by email of the reason, and what is needed in order to complete the application.





# **ELIGIBLE PRODUCTS & SERVICES LIST AND EXAMPLE REBATE CALCULATIONS**

## 6. ELIGIBLE PRODUCTS AND SERVICES LIST

CATEGORY	ELIGIBLE PRODUCT AND/OR SERVICE	PRODUCT ID	ELIGIBILITY REQUIREMENTS	DOCUMENTATION REQUIREMENTS	PRODUCT AND/OR SERVICE REBATE AMOUNT [\$ / UNIT]
ENERGUIDE ENERGY EVALUATIONS	Pre-Retrofit Evaluation	HERA0101	Complete a version 15, pre-retrofit energy evaluation by an NRCan registered energy advisor on an eligible home.	<b>Participant:</b> <ul style="list-style-type: none"> <li>■ Proof of purchase</li> </ul> <b>Energy Advisor:</b> <ul style="list-style-type: none"> <li>■ EnerGuide Label</li> <li>■ Homeowner Information Sheet</li> <li>■ Photo of front of home</li> </ul>	\$350 per home
	Post-Retrofit Evaluation	HERA0102	Complete a version 15, post-retrofit energy evaluation by an NRCan registered energy advisor on an eligible home, previously registered for Program Participation.	<b>Participant:</b> <ul style="list-style-type: none"> <li>■ Proof of purchase</li> <li>■ Updated EnerGuide Label</li> </ul>	\$250 per home
	As-Built New Home Evaluation	HERA0103	Complete a version 15, as-built energy evaluation by an NRCan registered energy advisor on an eligible home. Available to new home builders only.	<b>Service Organization:</b> <ul style="list-style-type: none"> <li>■ EnerGuide Label</li> <li>■ Photo of front of home</li> </ul>	\$200 to a maximum of \$1,000 per year, per participating new home builder
INSULATION	Attic insulation	HERA0201	Increase a minimum of 20% of the total ceiling area to at least R-50 for attic spaces, or R-28 for flat or cathedral ceilings (nominal). Eligible for DIY.	<ul style="list-style-type: none"> <li>■ Proof of purchase</li> <li>■ Photo of insulated area</li> <li>■ Photo showing measurement of insulation</li> </ul>	\$0.66 per sq-ft to a maximum of \$1,200 per home
	Exterior Wall Insulation	HERA0202	Increase a minimum of 20% of the total exterior wall area to a minimum of R-21 (nominal). Eligible for DIY.		\$1.05 per sq-ft to a maximum of \$2,500 per home
	Foundation Wall insulation	HERA0203	Increase a minimum of 20% of foundation level wall area (concrete/stone and/or wood frame constructed pony walls) by a minimum of R-12 (nominal). Eligible for DIY.		\$1.05 per sq-ft to a maximum of \$1,500 per home



CATEGORY	ELIGIBLE PRODUCT AND/OR SERVICE	PRODUCT ID	ELIGIBILITY REQUIREMENTS	DOCUMENTATION REQUIREMENTS	PRODUCT AND/OR SERVICE REBATE AMOUNT [\$ /UNIT]
AIR SEALING	Air Sealing - Standard	HERA0301	Improve the air tightness of your home to achieve an improvement in the ACH @ +/- 50Pa of 15% to 24.99%. Eligible for DIY.	<ul style="list-style-type: none"> <li>Validation provided through post-retrofit EnerGuide evaluation</li> </ul>	\$185 per home
	Air Sealing - Advanced	HERA0302	Improve the air tightness of your home to achieve an improvement in the ACH @ +/- 50Pa of 25% or greater. Eligible for DIY.		\$435 per home
WINDOWS	ENERGY STAR Replacement Window	HERA0401	Replace a window in a pre-existing rough opening with an ENERGY STAR certified, triple-pane window. Eligible for DIY.	<ul style="list-style-type: none"> <li>Proof of purchase</li> <li>Photo(s) of installed windows</li> <li>Photo of ENERGY STAR label</li> </ul>	\$50 per window
WATER HEATING	Drain Water Heat Recovery	HERA0501	Install a new device which satisfies CSA B55.1 and CSA B55.2 and is listed within NRCan's Hot2000 residential energy modeling software with a minimum heat recovery rate of 30%. Eligible for DIY.	<ul style="list-style-type: none"> <li>Proof of purchase</li> <li>Photo of installed device</li> <li>Photo of device placard showing model with serial number</li> </ul>	\$300 per unit
	ENERGY STAR Gas Tankless Water Heater	HERA0502	Replace the primary domestic hot water heating appliance with an ENERGY STAR gas, tankless appliance, with a minimum EF of .90.		\$415 per unit
	ENERGY STAR Gas Storage Water Heater	HERA0503	Replace the primary domestic hot water heating appliance with an ENERGY STAR gas storage appliance, with a minimum EF of .80.		\$110 per unit
	ENERGY STAR Heat Pump Water Heater	HERA0504	Replace the primary domestic hot water heating appliance with an ENERGY STAR electric heat pump appliance.		\$460 per unit

CATEGORY	ELIGIBLE PRODUCT AND/OR SERVICE	PRODUCT ID	ELIGIBILITY REQUIREMENTS	DOCUMENTATION REQUIREMENTS	PRODUCT AND/OR SERVICE REBATE AMOUNT [\$ / UNIT]
SPACE HEATING	<b>ENERGY STAR High Efficiency Furnace</b>	HERA0601	Replace space heating appliance(s) with a furnace that is ENERGY STAR certified and has an AFUE of 97% or higher.  Completion of two other home energy efficiency upgrades (excluding EnerGuide evaluations) is required to be eligible for this rebate.	<ul style="list-style-type: none"> <li>■ Proof of purchase</li> <li>■ Photo of installed device</li> <li>■ Photo of device placard with serial number</li> </ul>	\$250 per unit
	<b>HVI Certified Heat Recovery Ventilator / Energy Recovery Ventilator</b>	HERA0602	Install or replace HRV/ERV which is certified by the Home Ventilating Institute (HVI) and listed in Section 3 of their Certified Products Directory. If replacing, the efficiency of the new unit must be higher than the replaced unit.		\$270 per home
	<b>ENERGY STAR Smart Thermostat</b>	HERA0603	ENERGY STAR learning thermostats with geofencing.  Eligible for DIY.		\$85 per unit
	<b>ENERGY STAR Ground Source Heat Pump</b>	HERA0604	Have a ground source heat pump central heating system installed by an IGSHPA certified installer, which satisfies CSA Standard C448, and where the heat pump itself is ENERGY STAR rated.	<ul style="list-style-type: none"> <li>■ Proof of purchase including confirmation of IGSHPA certification of installer</li> <li>■ Photo of installed device</li> <li>■ Photo of device placard with serial number</li> </ul>	\$1,600 per ton up to \$5,000 per home
	<b>ENERGY STAR Air Source Heat Pump</b>	HERA0605	Have an ENERGY STAR air source heat pump installed by an appropriately licensed technician where the rated heating capacity is sufficient to satisfy at least 50% of the homes heating load based on the EnerGuide evaluation used to enroll in HERA. The system must be installed by a licensed technician and intended as a primary heating system.	<ul style="list-style-type: none"> <li>■ Proof of purchase</li> <li>■ Photo of installed device</li> <li>■ Photo of device placard with serial number</li> <li>■ AHRI reference number</li> </ul>	\$800 per ton up to \$3,000 per home
NET ZERO	<b>Renovating to Net Zero</b>	HERA0701	Achieve an EnerGuide rating of 0 on a home enrolled in the program with an EnerGuide rating greater than 0.	<ul style="list-style-type: none"> <li>■ Validation provided through post-retrofit EnerGuide evaluation</li> <li>■ Complete Net Zero Worksheet (template provided upon request)</li> <li>■ Disclosure of all rebates received/anticipated</li> <li>■ Photo of the front of the home from the post-retrofit EnerGuide evaluation</li> </ul>	\$10,000 per home up to 40% of net eligible expenses



## 7. EXAMPLE REBATE CALCULATIONS

### EXAMPLE 1 - THREE UPGRADES AND BONUS

ENERGY RETROFIT COMPLETED	REBATE	BONUS COUNT	CUMULATIVE REBATE AMOUNT	NOTES
Pre-Retrofit EnerGuide Evaluation	\$350	0	\$350	Homeowner enrolls and energy advisor completes registration
ENERGY STAR Gas Tankless Water Heater	\$415	1	\$765	
ENERGY STAR triple pane windows [X12]	$12 * \$50 = \$600$	2	\$1,365	
Attic insulation upgrade to R-60 over 860 sq-ft	$860 * \$0.66 = \$567.60$	3	\$1,932.60	Bundling bonus requirement satisfied
Bundle Bonus	$20\% * (\$415 + \$600 + \$567.60) = \$316.52$	-	\$2,249.12	Bonus applied to upgrade measures only
TOTAL REBATE AMOUNT:			\$2,249.12	



## EXAMPLE 2 - THREE UPGRADES INCLUDING FURNACE

ENERGY RETROFIT COMPLETED	REBATE	BONUS COUNT	CUMULATIVE REBATE AMOUNT	NOTES
Pre-Retrofit EnerGuide Evaluation	\$350	0	\$350	
ENERGY STAR Furnace, AFUE >= 97%	\$0	0	\$350	Not eligible for furnace rebate, requires 2 other upgrades first
ENERGY STAR Smart thermostat	\$85	1	\$435	
Drain Water Heat Recovery	\$300	2	\$735	Furnace rebate eligibility satisfied
ENERGY STAR Furnace	\$250	3	\$985	
Bundling Bonus	$20\% * (\$250 + \$85 + \$300) = \$127.00$	-	\$1,112	Bonus applied to upgrade measures only
Post-Retrofit EnerGuide Evaluation	\$250	-	\$1,362	NRCAN data identifies an 18% reduction in ACH @ 50 Pa
Air Sealing - Standard	\$185	4	\$1,547	Bundling bonus already satisfied
Bundling Bonus	$20\% * \$185 = \$18.50$	-	\$1,565.50	Bonus applied to Air Sealing-Standard
TOTAL REBATE AMOUNT:			\$1,565.50	

## EXAMPLE 3 - MULTIPLE UPGRADES INCLUDING NET ZERO

ENERGY RETROFIT COMPLETED	REBATE	BONUS COUNT	CUMULATIVE REBATE AMOUNT	NOTES
Pre-Retrofit EnerGuide Evaluation	\$350	0	\$350	
Attic Insulation to R-70 over 760 sq-ft	$760 * \$0.66/\text{sq-ft} = \$501.60$	1	\$851.60	
Exterior Wall Insulation to R-32 over 900 sq-ft	$900 * \$1.06/\text{sq-ft} = \$954$	2	\$1,796.60	
Foundation Wall insulation to R-24 over 960 sq-ft	$960 * \$1.05/\text{sq-ft} = \$1,008$	3	\$2,804.60	Bundling bonus satisfied
Bundling Bonus	$20\% * (\$501.60 + \$954 + \$1,008) = \$235.68$		\$3,040.28	
ENERGY STAR triple pane windows (13)	$13 * \$50 = \$650$	4	\$3,690.28	Bundling bonus satisfied
Bundling Bonus	$20\% * \$650 = \$130$		\$3,820.28	

ENERGY RETROFIT COMPLETED	REBATE	BONUS COUNT	CUMULATIVE REBATE AMOUNT	NOTES
3.5 ton ENERGY STAR Ground Source Heat Pump system	\$1,600 * 3.5 = \$5,600 Rebate limited to \$5,000	5	\$8,820.28	Bundling bonus satisfied
Bundling Bonus	20% * \$5,000 = \$1,000		\$9,820.28	
Drain Water Heat Recovery System	\$300	6	\$10,120.28	Bundling bonus satisfied
Bundling Bonus	20% * \$300 = \$60	-	\$10,180.28	
ENERGY STAR Heat Pump Water Heater	\$460	7	\$10,640.28	Bundling bonus satisfied
Bundling Bonus	20% * \$460 = \$92		\$10,732.28	
HVI certified HRV	\$270	8	\$11,002.28	Bundling bonus satisfied
Bundling Bonus	20% * \$270 = \$54		\$11,056.28	
Post-Retrofit EnerGuide Evaluation	\$250	-	\$11,306.28	
Air Sealing – Advanced	\$435	9	\$11,741.28	NRCAN data identifies an 64% reduction in ACH @ 50 Pa Bundling bonus satisfied
Bundling bonus	20% * \$435 = \$87		\$11,828.28	
Post-Retrofit EnerGuide Evaluation	\$0 (previously rebated)	-	\$11,828.28	NRCAN data identifies an EnerGuide score of 0
Renovating to Net Zero	<b>Retrofit expenses:</b> \$58,300  <b>Solar expenses:</b> \$18,750 (7.5 kW at \$2.50/W)  <b>Total expenses for renovating to net zero:</b> \$77,050  <b>Sum of HERA upgrade rebates:</b> \$11,828.28  <b>Sum of all other rebates/grants:</b> \$3,000  <b>Total rebates:</b> \$14,828.28  <b>Verification that the 40% threshold is met:</b> 40% of eligible expenses net of rebates/grants (40% of \$77,050 - \$11,828.28 = 26,088.69) is greater than \$10,000, therefore the participant is eligible for \$10,000	-	\$21,828.28	Homeowner completes the Net Zero Worksheet providing:  a) full list of relevant upgrades and associated costs incurred to achieve net zero and  b) all other sources of rebates/grants.  The total of all rebates (including the \$10,000) cannot exceed 40% of all eligible costs of renovating to net zero.  In this example, the homeowner received \$3,000 from Edmonton's Solar Rebate Program.
TOTAL HERA REBATE AMOUNT:			\$21,828.28	



# CHANGE FOR CLIMATE



Edmonton

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