

**Rocky Mountain Power’s Planned Changes to the
Home Energy Savings Program in Idaho
February 2017**

PacifiCorp (Company) is planning to make modifications to the Home Energy Savings program (HES Program) for residential customer energy efficiency, which is offered through Schedule 118. The HES Program offers incentives and services for residential energy efficiency projects. The proposed changes are designed to improve customer participation, comply with changes to codes and standards, and align incentives with changing measure costs and savings estimates.

Consistent with the change process for the HES Program, approved in Order 29976 in Case No. PAC-E-05-10, and summarized in the tariff Provision of Service No. 5:

All changes will occur with a minimum of 45 days’ notice, be prominently displayed as a change, include a minimum 45 day grace period for processing prior offers (except for manufacturer buy-down incentive delivery) and be communicated at least once to retailers who have participated within the last year.

After receiving and addressing comments from the Idaho Public Utilities Commission staff (“IPUC Staff”) the proposed changes to the HES Program will be posted on the HES Program website¹ 45-days prior to becoming effective and implemented.

Background

The HES Program within the Company’s Idaho service area was launched on May 31, 2006. The HES Program offered appliance products, HVAC services, and envelope measures by post-purchase mail-in, and CFLs through incentives to mid-market manufacturers. The last changes made to the HES Program were implemented January 30, 2016 to adjust incentive levels, add/change/remove measure offerings, revise qualifications for offerings, and incorporate “up to” incentive levels.

Description of Planned Home Energy Savings Changes

The Company proposes to add Heat Pump Water Heater (HPWH) units rated above Tier 2 as eligible for the current Tier 2 incentive for HPWH units. Customers have inquired about eligibility of units rated above Tier 2, and the Company is proposing to add them to the HES Program to accommodate customers desiring to purchase higher efficient HPWH units. The same amount of savings will be deemed for Tier 2 units and units more efficient than Tier 2, however with the additional applications anticipated for this measure with the inclusion of units rated higher than Tier 2, the Company is forecasting to achieve slightly higher overall savings for this measure.

On June 17, 2016, the Company issued a 45-day notice to stop offering energy savings kits as part of the HES Program to better align with savings targets established for 2016. It is proposed to start offering energy savings kits again to align with the savings targets established for 2017.

¹ <http://www.homeenergysavings.net/Idaho>

LED technology has become the predominant lighting technology in energy efficiency projects, and it is anticipated for this trend to continue. Long lamp life (30,000 hrs+), reduced lifetime maintenance costs, absence of hazardous materials (i.e. mercury), controllability, and higher efficacy (lumens/watt) and decreasing costs relative to traditional technologies have contributed to a shift toward using LED products. To address the continuing and rapid shift to more efficient LED technologies, it is proposed to remove all CFL offerings from the HES Program and only keep LED options. CFL options will also be removed from the current mail-by-request energy savings kits offering.

The HES Program changes to be implemented are summarized in Table 1 below and also included in Exhibits 1 and 2.

Measure changes are tracked in the Company's Technical Reference Library (TRL). The TRL contains measure-level savings data such as incremental cost, measure life, baseline assumptions and sources used for reporting of energy savings.

Cost-Effectiveness

The changes presented in Table 1 below and shown in Exhibits 1 and 2 are not anticipated to materially affect cost-effectiveness for the HES Program.

Exhibits Provided

Exhibit 1 - Idaho HES Incentive Tables – Planned

Exhibit 2 - Idaho HES Incentive Tables – Redlined Changes

Table 1 – Program Modifications

Measure Name	Description of Change	Measure Summary
Heat Pump Water Heater	<p><u>Type of Change:</u> Add incentive Tier</p> <p><u>Reason for Change:</u> To provide incentives for customers wanting to purchase efficient units above Tier 2.</p>	<p><u>Current Qualifications (unchanged):</u> NEEA Northern Climate Specification</p> <p><u>Current Maximum Incentive Amount:</u> Tier 1 - \$600 Tier 2 - \$700</p> <p><u>Revised Incentive:</u> Tier 1 - \$600 (unchanged) Tier 2 and above - \$700</p>
CFLs General Purpose (Spiral)	<p><u>Type of Change:</u> Remove incentive</p> <p><u>Reason for Change:</u> Outdated technology. LEDs are the predominantly used lighting technology.</p>	<p><u>Current Qualifications:</u> ENERGY STAR qualified. See list on program website.</p> <p><u>Current Maximum Incentive Amount:</u> \$3.00</p> <p><u>Revised Incentive:</u> \$0.00 (offering removed)</p>
CFLs Specialty	<p><u>Type of Change:</u> Remove incentive</p> <p><u>Reason for Change:</u> Outdated technology. LEDs are the predominantly used lighting technology.</p>	<p><u>Current Qualifications:</u> ENERGY STAR qualified. See list on program website.</p> <p><u>Current Maximum Incentive Amount:</u> \$4.00</p> <p><u>Revised Incentive:</u> \$0.00 (offering removed)</p>
CFL Fixture	<p><u>Type of Change:</u> Remove incentive</p> <p><u>Reason for Change:</u> Outdated technology. LEDs are the predominantly used lighting technology.</p>	<p><u>Current Qualifications:</u> ENERGY STAR qualified, torchiere or portable do not qualify.</p> <p><u>Current Maximum Incentive Amount:</u> \$10.00</p> <p><u>Revised Incentive:</u> \$0.00 (offering removed)</p>

EXHIBIT 1

Idaho Home Energy Savings Incentive Program – Current Offerings with Proposed Changes to Measures, Incentives, and Qualifications

This document includes the following three sections:

- Definitions of terms used in program documents
- Incentives – General Information
- Incentive tables

Definitions

Customer: Any party who has applied for, been accepted and receives service at the real property, or is the electricity user at the real property.

Energy Efficiency Incentive: Payments of money made by Company to Owner or Customer or other approved party for installation of an Energy Efficiency Measure pursuant to an approved Energy Efficiency Incentive Application.

Energy Efficiency Incentive Application: An application submitted by Owner or Customer to Rocky Mountain Power for Energy Efficiency Incentives.

Energy Efficiency Measure (EEM): A permanently installed measure which can improve the efficiency of the Customer's electric energy use.

New Home: A newly constructed residence.

Mid-Market: An approved third party (typically a contractor, manufacturer, or retailer) who installs Energy Efficiency Measures at the real property or sells Energy Efficiency Measures.

Owner: The person who has both legal and beneficial title to the real property, and is the mortgager under a duly recorded mortgage of real property, the trustor under a duly recorded deed of trust.

Prescriptive incentives

Maximum per unit incentives are listed in the program incentive tables for specific Energy Efficiency Measures (EEMs). Incentives are subject to change and current incentives can be found at <http://www.homeenergysavings.net/Idaho>.

Appliance Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
Clothes Washer	CEE Tier 2 and above, see list on program website. Homes equipped with gas domestic water heating and gas dryer do not qualify for the incentive.	\$50
Evaporative Cooler	See additional installation requirements on program website. Larger equipment must be a new install. Replacement of existing unit does not qualify. Customers may self-install.	2,000 – 3,499 CFM - \$75 >3,499 CFM - \$150
Room Air Conditioner	ENERGY STAR, see list on program website	\$20
Heat Pump Water Heater	NEEA Northern Climate Specification	Tier 1 - \$600 Tier 2 and above - \$700
Advanced Power Strips	Power strip must have occupancy, infrared, or load-sensor and automatically shut off the plug loads when no motion or reduced load is detected for a period of time	\$60
Smart Thermostat	Wi-Fi enabled, programmable, online dashboard and/or mobile device app, occupancy sensor. Occupancy sensing units must be enabled. Only electrically heated homes are eligible for an incentive. Customers may self-install unit.	\$100

Notes for appliance incentives:

EF = Energy Factor

MEF = Modified Energy Factor

CEE = Consortium for Energy Efficiency

CFM = Cubic Feet per Minute

Weatherization Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
Insulation – Attic	Pre-existing < R-11. Final insulation minimum of R-49. Only electrically heated homes are eligible. See additional installation requirements on program website. Customers may self-install.	\$0.50/sf. for electrically heated home
Insulation – Floor	Pre-existing < R-11. Final insulation minimum of R-30. Electrically heated homes only. See additional installation requirements on program website. Customers may self-install.	\$0.50/sf. for electrically heated home
Insulation – Wall	No existing insulation. Final insulation minimum of R-13, or fill cavity. See additional installation requirements on program website. Only electrically heated homes are eligible for incentive.	\$0.65/sf. for electrically heated home
Windows	Electrically heated homes only. See additional installation requirements on program website. Customers may self-install.	Tier 1- U-factor of 0.30 or lower- \$1.00/sf for electrically heated home Tier 2- U-factor of 0.22 or lower- \$3.00/sf for electrically heated home

Notes for weatherization incentive table:

1. For Windows , homes must be heated with electric heating (forced air furnace, heat pump or zonal heating) system serving at least 80% of the home’s conditioned floor area in order to qualify.
2. For Insulation – Attic, Wall, and Floor, homes must have electric heating (forced air furnace, heat pump or zonal heating) system serving at least 80% of the home’s conditioned floor area in order to qualify.

R-Value = Thermal resistance of a material

U-Factor = Inverse of R-value used to measure the amount of heat transmitting through a square foot of material

HVAC Incentive Table

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Central Air Conditioner	Equipment must be 15+ SEER/12.5 EER. Equipment must be installed by a participating program trade ally. See additional installation requirements on program website.	\$100
Duct Sealing and Insulation	Minimum of 10 feet exposed duct work in unconditioned space, Pre-existing duct insulation must be R-2 or less and duct work must be insulated to R-8 or greater with all physically accessible duct work in unconditioned space sealed and insulated according to specifications in the HVAC trade ally program manual. Home must have a ducted electric heating system or heat pump serving 80% of the home’s conditioned floor area.	\$450
Duct Sealing Only – Pre-Insulated Ducts	Pre-existing insulation level must be R-2 or greater, require a minimum of 10 feet of ducts in unconditioned space. All physically accessible ducts located outside conditioned space must be sealed according to specifications in the HVAC trade ally program manual. Home must have a ducted electric heating system or a heat pump serving 80% of the home’s conditioned floor area.	\$250
Heat Pump Upgrade to 9.0 HSPF with Best Practices Installation and Proper Sizing	For upgrade of existing heat pump to new high efficiency heat pump. New heat pump must be 9.0 HSPF with recommended Best Practices Installation & Proper Sizing. The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$500
Heat Pump Conversion to 8.5 HSPF with Best Practices Installation and Proper Sizing Tier 1	Must replace a permanently installed electric resistance heat system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace). New heat pump must be 8.5 HSPF heat pump with required Best Practices Installation & Proper Sizing . The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$750

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Heat Pump Conversion to 9.0 HSPF with Best Practices Installation and Proper Sizing Tier 2	Must replace a permanently installed electric resistance heat system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace). New heat pump must be 9.0 HSPF heat pump with required Best Practices Installation & Proper Sizing . The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$850
Heat Pump Best Practices Installation and Proper Sizing	Measure is available to all new heat pump installations with minimum 8.2 HSPF (or current federal standard) and no greater than 8.9 HSPF. Measure cannot be combined with Heat Pump Upgrade as this service is already a requirement for that measure. Must be installed by a Qualified program contractor. The sizing and installation of the equipment must meet program requirements as outlined in the HVAC trade ally program manual.	\$250
Ductless Heat Pump	New heat pump must be 9+ HSPF, 16+ SEER with an inverter driven outdoor compressor unit and a variable speed fan for indoor blower and be fully ductless. Single and multi-head units qualify. Existing heating system must be a permanently installed electric resistance system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace) and must serve at least 80% of the home’s conditioned floor area. This measure is not offered to customers replacing an existing air source heat pump, and is limited to one unit per residence.	\$800
95% Gas Furnace Equipped w/ ECM Blower Motor	95% AFUE gas furnace equipped with an ECM in houses with central air conditioning, Combined supply and return static pressure needs to be between 0.35-0.65 wci (87-162 pa) when installed. Home must be electrically cooled (central air conditioner serving at least 80% of the home’s conditioned floor area) to qualify. The job must be performed by a program participating trade ally to program requirements as outlined in the HVAC trade ally program manual..	\$250

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Ground Source Heat Pump Upgrade from Air Source Heat Pump (ASHP)	ENERGY STAR rated geothermal heat pump 3.6 COP and 16.2 EER open or closed loop system. This measure is not available to homes already equipped with a geothermal system, but rather for the upgrade from an air source heat pump. The equipment must be installed by a participating trade ally and meet requirements as outlined in the HVAC trade ally program manual.	\$2,000
Ground Source Heat Pump Conversion from Forced Air Furnace	For replacement of current permanently installed electric resistance heating system with a new ENERGY STAR rated geothermal heat pump 3.6 COP and 16.2 EER open or closed loop system. The equipment must be installed by a participating trade ally and meet requirements as outlined in the HVAC trade ally program manual.	\$3,000
Whole Home Upgrade Package	Install all of the following per Program requirements: <u>Electrically heated homes:</u> <ul style="list-style-type: none"> • Heat Pump Conversion with Best Practices for Installation and Proper Sizing Tier 2, <u>or</u> Heat Pump Upgrade with Best Practices for Installation and Proper Sizing, <u>or</u> Ductless Heat Pump • Duct Sealing & Insulation • Attic Insulation Incentive will vary based on type and quantity of measures installed.	\$1,000
Manufactured Homes Duct Sealing	Must have ducted electric heating system serving at least 80% of the home’s floor area. Existing insulation should only be removed if it is being replaced.	\$750

Notes for HVAC incentive table:

- CAC** = Central Air Conditioner
- SEER** = Seasonal Energy Efficiency Ratio
- EER** = Energy Efficiency Ratio
- HSPF** = Heating Seasonal Performance Factor
- HVAC** = Heating, Ventilating and Air Conditioning
- TXV** = Thermal Expansion Valve
- CFM** = Cubic Feet per Minute
- AFUE** = Annual Fuel Utilization Efficiency
- ECM** = Electronically Commutated Motor

WCI = Water Column Inch
PA = Pascal
COP = Coefficient of Performance

Lighting Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive "Up To"
LEDs (Light Emitting Diodes) - General	ENERGY STAR qualified LED A-lamp lighting	\$13.00
LED – Specialty	ENERGY STAR qualified LED specialty LEDs	\$9.00
LED – Downlight	ENERGY STAR qualified LED downlights	\$13.00
LED Fixture	ENERGY STAR qualified, torchiere or portable do not qualify.	\$10

Notes for lighting incentive table:

1. Reduced price LED offer may end early if entire LED allocation is sold.

Plumbing Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive "Up To"
Low Flow Showerheads	Unit Flow Rate \leq 2.00 GPM	\$31
Low Flow Faucet Aerators	Unit Flow Rate \leq 1.50 GPM	\$5

New Homes Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
New Homes Heat Pumps	≥ 9.0 HSPF and must meet Best Practices Installation & Proper Sizing requirements.	\$500
New Homes Ductless Heat Pumps	≥ 9.0 HSPF, single-head or multi-head unit	\$1,300
New Homes Heat Pump Water Heater	Northern Climate Specification Qualified	\$700
New Homes Windows	Install windows with a U-Factor ≤ 0.22 Primary heat source must be electric.	\$3.00/sf.
New Homes Whole Home Performance Path	To align with regional New Homes offerings, the Program will offer incentives to builders based on the new home’s percentage improvement beyond prevailing state code, beginning at 15% better than code and increasing. The home’s performance will be modeled and verified by an independent third-party and the models will be delivered to the program for final savings and incentives calculations. Additional details on Program website.	\$5000 Note: Customers who use the performance path method are not eligible for standalone measures.
New High Performance Manufactured Homes	Home must meet NEEA specifications and receive high performance certification by incorporating energy-efficient enclosure design and construction, HVAC systems, water heating, lighting, and appliances.	\$2,000
New Manufactured Homes ENERGY STAR	Home must receive ENERGY STAR certification by incorporating an energy-efficient building enclosure design, air-distribution system, and equipment.	\$1,000
New Manufactured Homes Eco-rated Homes	Home must receive Eco-rated certification by achieving efficiency metrics in energy, material, water, construction practice, and indoor air quality.	\$1,250

EXHIBIT 2

Idaho Home Energy Savings Incentive Program – Current Offerings with Proposed Changes to Measures, Incentives, and Qualifications

This document includes the following three sections:

- Definitions of terms used in program documents
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- Incentive tables

Definitions

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Energy Efficiency Incentive Application: An application submitted by Owner or Customer to Rocky Mountain Power for Energy Efficiency Incentives.

Energy Efficiency Measure (EEM): A permanently installed measure which can improve the efficiency of the Customer's electric energy use.

New Home: A newly constructed residence.

Mid-Market: An approved third party (typically a contractor, manufacturer, or retailer) who installs Energy Efficiency Measures at the real property or sells Energy Efficiency Measures.

Owner: The person who has both legal and beneficial title to the real property, and is the mortgager under a duly recorded mortgage of real property, the trustor under a duly recorded deed of trust.

Prescriptive incentives

Maximum per unit incentives are listed in the program incentive tables for specific Energy Efficiency Measures (EEMs). Incentives are subject to change and current incentives can be found at <http://www.homeenergysavings.net/Idaho>.

Appliance Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
Clothes Washer	CEE Tier 2 and above, see list on program website. Homes equipped with gas domestic water heating and gas dryer do not qualify for the incentive.	\$50
Evaporative Cooler	See additional installation requirements on program website. Larger equipment must be a new install. Replacement of existing unit does not qualify. Customers may self-install.	2,000 – 3,499 CFM - \$75 >3,499 CFM - \$150
Room Air Conditioner	ENERGY STAR, see list on program website	\$20
Heat Pump Water Heater	NEEA Northern Climate Specification	Tier 1 - \$600 Tier 2 and above - \$700
Advanced Power Strips	Power strip must have occupancy, infrared, or load-sensor and automatically shut off the plug loads when no motion or reduced load is detected for a period of time	\$60
Smart Thermostat	Wi-Fi enabled, programmable, online dashboard and/or mobile device app, occupancy sensor. Occupancy sensing units must be enabled. Only electrically heated homes are eligible for an incentive. Customers may self-install unit.	\$100

Notes for appliance incentives:

EF = Energy Factor

MEF = Modified Energy Factor

CEE = Consortium for Energy Efficiency

CFM = Cubic Feet per Minute

Weatherization Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
Insulation – Attic	Pre-existing < R-11. Final insulation minimum of R-49. Only electrically heated homes are eligible. See additional installation requirements on program website. Customers may self-install.	\$0.50/sf. for electrically heated home
Insulation – Floor	Pre-existing < R-11. Final insulation minimum of R-30. Electrically heated homes only. See additional installation requirements on program website. Customers may self-install.	\$0.50/sf. for electrically heated home
Insulation – Wall	No existing insulation. Final insulation minimum of R-13, or fill cavity. See additional installation requirements on program website. Only electrically heated homes are eligible for incentive.	\$0.65/sf. for electrically heated home
Windows	Electrically heated homes only. See additional installation requirements on program website. Customers may self-install.	Tier 1- U-factor of 0.30 or lower- \$1.00/sf for electrically heated home Tier 2- U-factor of 0.22 or lower- \$3.00/sf for electrically heated home

Notes for weatherization incentive table:

1. For Windows , homes must be heated with electric heating (forced air furnace, heat pump or zonal heating) system serving at least 80% of the home’s conditioned floor area in order to qualify.
2. For Insulation – Attic, Wall, and Floor, homes must have electric heating (forced air furnace, heat pump or zonal heating) system serving at least 80% of the home’s conditioned floor area in order to qualify.

R-Value = Thermal resistance of a material

U-Factor = Inverse of R-value used to measure the amount of heat transmitting through a square foot of material

HVAC Incentive Table

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Central Air Conditioner	Equipment must be 15+ SEER/12.5 EER. Equipment must be installed by a participating program trade ally. See additional installation requirements on program website.	\$100
Duct Sealing and Insulation	Minimum of 10 feet exposed duct work in unconditioned space, Pre-existing duct insulation must be R-2 or less and duct work must be insulated to R-8 or greater with all physically accessible duct work in unconditioned space sealed and insulated according to specifications in the HVAC trade ally program manual. Home must have a ducted electric heating system or heat pump serving 80% of the home’s conditioned floor area.	\$450
Duct Sealing Only – Pre-Insulated Ducts	Pre-existing insulation level must be R-2 or greater, require a minimum of 10 feet of ducts in unconditioned space. All physically accessible ducts located outside conditioned space must be sealed according to specifications in the HVAC trade ally program manual. Home must have a ducted electric heating system or a heat pump serving 80% of the home’s conditioned floor area.	\$250
Heat Pump Upgrade to 9.0 HSPF with Best Practices Installation and Proper Sizing	For upgrade of existing heat pump to new high efficiency heat pump. New heat pump must be 9.0 HSPF with recommended Best Practices Installation & Proper Sizing. The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$500
Heat Pump Conversion to 8.5 HSPF with Best Practices Installation and Proper Sizing Tier 1	Must replace a permanently installed electric resistance heat system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace). New heat pump must be 8.5 HSPF heat pump with required Best Practices Installation & Proper Sizing . The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$750

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Heat Pump Conversion to 9.0 HSPF with Best Practices Installation and Proper Sizing Tier 2	Must replace a permanently installed electric resistance heat system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace). New heat pump must be 9.0 HSPF heat pump with required Best Practices Installation & Proper Sizing . The equipment must be installed by a Qualified trade ally and recommended Best Practices Installation and Proper Sizing requirements must be met as outlined in the HVAC trade ally program manual.	\$850
Heat Pump Best Practices Installation and Proper Sizing	Measure is available to all new heat pump installations with minimum 8.2 HSPF (or current federal standard) and no greater than 8.9 HSPF. Measure cannot be combined with Heat Pump Upgrade as this service is already a requirement for that measure. Must be installed by a Qualified program contractor. The sizing and installation of the equipment must meet program requirements as outlined in the HVAC trade ally program manual.	\$250
Ductless Heat Pump	New heat pump must be 9+ HSPF, 16+ SEER with an inverter driven outdoor compressor unit and a variable speed fan for indoor blower and be fully ductless. Single and multi-head units qualify. Existing heating system must be a permanently installed electric resistance system (i.e. electric baseboard, ceiling/wall heater or an electric forced air furnace) and must serve at least 80% of the home’s conditioned floor area. This measure is not offered to customers replacing an existing air source heat pump, and is limited to one unit per residence.	\$800
95% Gas Furnace Equipped w/ ECM Blower Motor	95% AFUE gas furnace equipped with an ECM in houses with central air conditioning, Combined supply and return static pressure needs to be between 0.35-0.65 wci (87-162 pa) when installed. Home must be electrically cooled (central air conditioner serving at least 80% of the home’s conditioned floor area) to qualify. The job must be performed by a program participating trade ally to program requirements as outlined in the HVAC trade ally program manual..	\$250

Measure	Qualifications	Customer/ Mid-Market Incentive “Up To”
Ground Source Heat Pump Upgrade from Air Source Heat Pump (ASHP)	ENERGY STAR rated geothermal heat pump 3.6 COP and 16.2 EER open or closed loop system. This measure is not available to homes already equipped with a geothermal system, but rather for the upgrade from an air source heat pump. The equipment must be installed by a participating trade ally and meet requirements as outlined in the HVAC trade ally program manual.	\$2,000
Ground Source Heat Pump Conversion from Forced Air Furnace	For replacement of current permanently installed electric resistance heating system with a new ENERGY STAR rated geothermal heat pump 3.6 COP and 16.2 EER open or closed loop system. The equipment must be installed by a participating trade ally and meet requirements as outlined in the HVAC trade ally program manual.	\$3,000
Whole Home Upgrade Package	<p>Install all of the following per Program requirements:</p> <p><u>Electrically heated homes:</u></p> <ul style="list-style-type: none"> • Heat Pump Conversion with Best Practices for Installation and Proper Sizing Tier 2, <u>or</u> Heat Pump Upgrade with Best Practices for Installation and Proper Sizing, <u>or</u> Ductless Heat Pump • Duct Sealing & Insulation • Attic Insulation <p>Incentive will vary based on type and quantity of measures installed.</p>	\$1,000
Manufactured Homes Duct Sealing	Must have ducted electric heating system serving at least 80% of the home’s floor area. Existing insulation should only be removed if it is being replaced.	\$750

Notes for HVAC incentive table:

- CAC** = Central Air Conditioner
- SEER** = Seasonal Energy Efficiency Ratio
- EER** = Energy Efficiency Ratio
- HSPF** = Heating Seasonal Performance Factor
- HVAC** = Heating, Ventilating and Air Conditioning
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- AFUE** = Annual Fuel Utilization Efficiency
- ECM** = Electronically Commutated Motor

WCI = Water Column Inch
 PA = Pascal
 COP = Coefficient of Performance

Lighting Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive "Up To"
CFLs - General Purpose (Spiral)	ENERGY STAR qualified. See list on program website.	-\$3.00
CFLs - Specialty	ENERGY STAR qualified. See list on program website.	\$4.00
LEDs (Light Emitting Diodes) - General	ENERGY STAR qualified LED A-lamp lighting	\$13.00
LED – Specialty	ENERGY STAR qualified LED specialty LEDs	\$9.00
LED – Downlight	ENERGY STAR qualified LED downlights	\$13.00
CFL Fixture	ENERGY STAR qualified, torchiere or portable do not qualify.	\$10
LED Fixture	ENERGY STAR qualified, torchiere or portable do not qualify.	\$10

Notes for lighting incentive table:

1. Reduced price ~~CFL~~/LED offer may end early if entire ~~CFL~~/LED allocation is sold.

Plumbing Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive "Up To"
Low Flow Showerheads	Unit Flow Rate \leq 2.00 GPM	\$31
Low Flow Faucet Aerators	Unit Flow Rate \leq 1.50 GPM	\$5

New Homes Incentive Table

Measure	Qualifications	Customer/Mid-Market Incentive “Up To”
New Homes Heat Pumps	≥ 9.0 HSPF and must meet Best Practices Installation & Proper Sizing requirements.	\$500
New Homes Ductless Heat Pumps	≥ 9.0 HSPF, single-head or multi-head unit	\$1,300
New Homes Heat Pump Water Heater	Northern Climate Specification Qualified	\$700
New Homes Windows	Install windows with a U-Factor ≤ 0.22 Primary heat source must be electric.	\$3.00/sf.
New Homes Whole Home Performance Path	To align with regional New Homes offerings, the Program will offer incentives to builders based on the new home’s percentage improvement beyond prevailing state code, beginning at 15% better than code and increasing. The home’s performance will be modeled and verified by an independent third-party and the models will be delivered to the program for final savings and incentives calculations. Additional details on Program website.	\$5000 Note: Customers who use the performance path method are not eligible for standalone measures.
New High Performance Manufactured Homes	Home must meet NEEA specifications and receive high performance certification by incorporating energy-efficient enclosure design and construction, HVAC systems, water heating, lighting, and appliances.	\$2,000
New Manufactured Homes ENERGY STAR	Home must receive ENERGY STAR certification by incorporating an energy-efficient building enclosure design, air-distribution system, and equipment.	\$1,000
New Manufactured Homes Eco-rated Homes	Home must receive Eco-rated certification by achieving efficiency metrics in energy, material, water, construction practice, and indoor air quality.	\$1,250