

PacifiCorp's Planned Changes to Home Energy Savings Program in California Proposed Effective Date of September 24, 2020

PacifiCorp (Company) is planning to make modifications to the Home Energy Savings program (HES) for residential customer energy efficiency, which is offered through Schedule D-118. The changes are intended to allow the Company to continue offering a cost effective measure mix and program while complying with CPUC Decision D.14-04-008.

Due to the comprehensive nature of the Program, the Commission provided for a flexible and market-driven program delivery approach in Application No. 07-07-011.¹ As outlined in Appendix J of the application, Schedule D-118 includes the basic program elements, including: customer eligibility, use of a program administrator for delivery, the seasonal nature of selected incentive offers, and that current incentive levels may change. Specific details on all aspects of the program including incentive levels, eligible equipment specifications and dates for incentive availability are managed by the program administrator using a dedicated program web site with easy links from the [Pacific Power web site](#). Changes in equipment specifications or incentive levels are clearly posted on the web site with at least 45 days advance notice.

Consistent with the change process for the Program, notice of the changes will be posted on the program web site² 45 days prior to implementation.

Background

The Program is available to residential customers in the Company's California service territory and offers incentives for prescriptive measures which improve energy efficiency. The current Program offers incentives for energy efficient appliances, plumbing, and new homes packages. Incentives are available for both existing homes and new homes. The Program was first approved by the California Public Utilities Commission on February 29, 2008.³ The Program was modified on April 12, 2010, June 12, 2014, and again on August 26, 2019, to maintain cost effectiveness and participation and incorporate changing codes and standards.

Description of Planned Home Energy Savings Changes

The Program modifications are summarized below in Tables 1-8 with complete details provided in the revised Program incentive tables, which are provided in Exhibits 1 and 2.⁴

Cost-Effectiveness

Cost effectiveness is performed using a company specific modeling tool, created by a third party consultant. Based on Decision 18-11-033, PacifiCorp's model⁵ was revised in 2018 to include a

¹ Refer to Exhibit J of A.07-07-011.

² <https://wattsmartsavings.net/california-residential/>

³ Decision No. 08-01-041 dated January 31, 2008.

⁴ Exhibit 1 contains the Home Energy Savings program incentive tables, which were originally provided as part of Exhibit J in A.07-07-011 and further modified using the program change process described in Schedule D-118. The incentive tables currently in effect are marked to show the planned changes.

⁵ In 2017, the Company transitioned from California's E3 Calculator to the PacifiCorp cost effectiveness model. The change in models was a coordinated effort between the Company, Commission Staff, and its third party consultant,

greenhouse gas adder for the incremental value of avoided greenhouse gas emissions. The tool is designed to incorporate PacifiCorp data and values such as avoided costs, and generally follows the methodology specified in California's Standard Practice Manual. PacifiCorp's modeling tool conducts cost effectiveness analysis on all four tests described in the Standard Practice Manual 10 as well as an additional fifth test.⁶

Cost effectiveness analysis for the program with these changes is provided in the attached PacifiCorp Benefit-Cost Memo_PY2018-2020_California HES_20Jul2020.docx. 2020 values reflect a full year with program changes in effect. The program is not cost effective, but the portfolio (Home Energy Savings in combination with Wattsmart Business) is projected to be cost effective.

Database of Energy Efficient Resources (DEER) Alignment Review

Commission Decision D.14-04-008 included an order⁷ related to use of unmodified DEER values for measures where DEER values are available. This order was reinforced in Decision 18-11-033⁸. Recent updates to unit energy savings (UES) measures from DEER statewide workpapers found in the California Public Utilities Commission Workpaper and Disposition Archive⁹ were reviewed as of May 1, 2020 for all Home Energy Savings measures for alignment with DEER. The results of this review can be found in Exhibit C.

Evaluation Plan

The Company offers the Home Energy Savings in its other service territories. Evaluations are conducted at the program level with reports prepared for each state. Consistent evaluation plans throughout PacifiCorp's system-wide territory reduce administrative costs for the program. The most recent evaluation¹⁰ was for the 2017-2018 program. The next evaluation of PacifiCorp's residential programs will be for program years 2019-2020, and this evaluation is scheduled for completion in 2022.

Exhibits Provided

Exhibit 1 - HES Explanation of Changes

Exhibit 2 - HES Incentive Tables – Red-lined

Itron. Additional information regarding PacifiCorp's transition to its company specific cost effectiveness model can be found in Application No. 17-09-010.

⁶ PacifiCorp TRC ("PTRC"), total resource costs test with an additional 10% added for the non-quantified environmental and non-energy benefits.

⁷ In future applications for approval of energy efficiency programs, PacifiCorp shall use unmodified Database of Energy Efficiency Resource (DEER) values for measures where the DEER values are available.

⁸ In calculating its Total Resource Cost and Program Administrator Cost, PacifiCorp must use only Database for Energy Efficiency Resources values approved as of the date of each Annual Budget Advice Letter submission or future pleading, as applicable.

⁹ <http://www.deeresources.net/workpapers>.

¹⁰ https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/environment/dsm/california/Final_Evaluation_Report_for_PacifiCorp_Residential_2017-2018_Home_Energy_Savings_Program_in_California.pdf

Exhibit 3 - DEER Alignment Review HES

Cost-Effectiveness analysis –

PacifiCorp Benefit-Cost Memo_California Portfolio_20Jul2020.docx,

PacifiCorp Benefit-cost Memo_California HES_20Jul2020.docx

Definitions

British Thermal Unit (Btu): It is approximately the amount of energy needed to heat 1 pound of water from 39° to 40° Fahrenheit.

~~**Compact Fluorescent Lamp (CFL):** Light bulbs that produce light much more efficiently than traditional incandescent light bulbs.~~

Consortium for Energy Efficiency (CEE): A consortium of US and Canadian gas and electric efficiency program administrators. Members work to unify program approaches across jurisdictions to increase the success of efficiency in markets. CEE members define one or more tiers of energy performance for a particular product or service. A specification is an advanced level of energy performance, higher than is normal in a market, for a residential, commercial, or industrial product or service.

Cubic Feet per Minute (CFM): A measurement of the velocity at which air flows into or out of a space.

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.

DEER (Database for Energy Efficiency Resources): is a California Energy Commission and California Public Utilities Commission-sponsored database designed to provide well-documented estimates of energy and peak demand savings values, measure costs, and effective useful life all with one data source.

Direct Install: Installation of an Energy Efficiency Measure directly by the Company, Program, or a Program-approved contractor or other 3rd party.

Downstream: Payment of incentive made by the Company to a customer, owner, contractor or other approved third party for the purchase or installation of an Energy Efficiency Measure pursuant to an approved energy efficiency incentive application.

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 or Invoice.

Energy Factor (EF): Indicates a water heater's overall energy efficiency based on the amount of hot water produced per unit of fuel consumed over a typical day. The higher the energy factor, the

more efficient the water heater. This is an older measure of water heater efficiency that is being phased out and replaced with Uniform Energy Factor (UEF).

Heating Seasonal Performance Factor (HSPF): The efficiency of heat pumps measured by the ratio of Btu heat output over the heating season to watt-hours of electricity used. The higher the number, the greater the efficiency.

Heating, Ventilation and Air Conditioning (HVAC): Refers to technology of indoor environmental comfort.

Light-emitting Diode (LED): A semiconductor light source.

Manufactured Homes (mobile homes): A type of prefabricated housing that is largely assembled in factories and transported to the site of use. Units are at least 320 square feet and installed with a permanent chassis to assure the initial and continued transportability of the home.

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

Modified Energy Factor (MEF): Measures energy consumption of the total laundry cycle (washing and drying). It indicates how many cubic feet of laundry can be washed and dried with one kWh of electricity; the higher the number, the greater the efficiency.

NEEA: Northwest Energy Efficiency Alliance.

New Home: A newly constructed residence.

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.

Regional Technical Forum (RTF): Part of the Northwest Power & Conservation Council, the RTF is an advisory committee established in 1999 to develop standards to verify and evaluate conservation savings.

R-Value: Indicates insulation's resistance to heat flow. The higher the R-value, the greater the insulating effectiveness.

Seasonal Energy Efficiency Ratio (SEER): The efficiency of air conditioners, measured by the cooling output in Btu during a typical cooling-season, divided by the total electric energy input in watt-hours during the same period. The higher the unit's SEER rating, the more energy efficient it is.

Uniform Energy Factor: The newest measure of water heater overall efficiency. The higher the UEF value is, the more efficient the water heater.

Upstream: Payment of incentive made by the Company directly to a manufacturer, retailer, or other pre-approved vendor to apply a pre-purchase discount for customers.

General Notes

- Incentive cannot exceed total price of product or service.
- All work must be installed per local, state, and federal building codes and requirements.

Exhibit 1 - Explanation of Changes

Table 1 – Lighting Incentive Table Modifications

Program Modifications – Lighting Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
LED Bulbs (General Purpose)	Measure utilized expired DEER READI values and utility specific work papers (PG&E). Since there is no current statewide work paper(s), the measure is being removed to fully align with DEER.	<u>Qualification :</u> <ul style="list-style-type: none"> • Qualified Product List (QPL) <u>Market Partner Incentive:</u> <ul style="list-style-type: none"> • Up to \$18.00 <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Mail-By-Request • Mid/upstream 	N/A
LED Bulbs (Specialty)	Measure utilized expired DEER READI values and utility specific work papers (PG&E). Since there is no current statewide work paper(s), the measure is being removed to fully align with DEER.	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> • ENERGY STAR qualified <u>Market Partner Incentive:</u> <ul style="list-style-type: none"> • Up to \$19.00 <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Mail-By-Request • Mid/upstream 	N/A
LED Fixtures	Measure utilized expired DEER READI values and utility specific work papers (PG&E). Since there is no current statewide work paper(s), the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> • Qualified Product List (QPL) Torchiere and portable products are not qualified <u>Market Partner Incentive:</u> <ul style="list-style-type: none"> • Up to \$7.00 	N/A

Program Modifications – Lighting Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Mid/upstream 	
Notes for Lighting Incentive Table	Table is being removed since the measures are no longer in the program.	<ul style="list-style-type: none"> • Mid-market incentives LED bulbs apply to upstream and mail by request. • See product list on program website. • Reduced price LED or fixture offer may end early if entire allocation is sold. • Acronyms: LED: Light Emitting Diode 	N/A

Table 2 – Appliance Incentive Table Modifications

Program Modifications – Appliance Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Clothes Washers	Measure is being added back in to the program since the new DEER	N/A	<u>Qualification:</u>

Program Modifications – Appliance Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
	SWAP004 statewide workpaper deemed values are cost effective for this measure.		<ul style="list-style-type: none"> ENERGY STAR Version 8.0 or ENERGY STAR Most Efficient 2018 New Construction or Normal Replacement <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$50 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream
Evaporative Cooler Previously: Evaporative Coolers (Tier 1)	Measure utilized expired DEER READI values. No current statewide workpaper. Measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> 17 SEER, ≤65k BTU <u>Customer/Market Partner Incentive:</u> \$50 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Room Air Conditioner	Measure is being removed because cost effectiveness utilizing the new DEER statewide workpaper deemed values are below 1.0.	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified Home must be located in climate zone 16 <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> Up to \$20 <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Mid/upstream 	N/A
Hybrid/Heat Pump Clothes Dryer	Previous measure utilized Regional Technical Forum (RTF) values for unit energy savings. The measure is now covered by a current statewide workpaper. Measure is being removed because cost effectiveness utilizing the new DEER statewide workpaper deemed values are below 1.0.	<u>Qualification:</u> <ul style="list-style-type: none"> NEEA qualified <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$600 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Notes for Appliance	Clarified implementation details.	<ul style="list-style-type: none"> See additional requirements and 	<ul style="list-style-type: none"> See additional installation requirements

Program Modifications – Appliance Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Incentive Table		<p>qualifying models on program website.</p> <ul style="list-style-type: none"> Incentives for hybrid/heat pump clothes dryer apply to mid/upstream and/or downstream. Only one incentive will be provided per qualifying clothes dryer. Incentives for hybrid/heat pump clothes dryers may be paid to the customer, retailer, and/or manufacturer and may be split between customer, retailer, and/or manufacturer. Acronyms: BTU: British Thermal Unit EF: Energy Factor NEEA: Northwest Energy Efficiency Alliance 	<p>and qualifying models on program website.</p> <ul style="list-style-type: none"> Incentives for clothes washers apply to mid/upstream and/or downstream. Only one incentive will be provided per qualifying clothes washer. Incentives for clothes washers may be paid to the customer, retailer, and/or manufacturer and may be split between customer, retailer, and/or manufacturer.

Table 3 – Plumbing Incentive Table Modifications

Program Modifications – Plumbing Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Low-Flow Showerheads	Measure utilized expired DEER READI values and utility specific work papers (PG&E). Since there is no current statewide work paper(s), the measure is being removed to fully align with DEER.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Flow rate ≤ 1.60 GPM <p><u>Market Partner Incentive:</u></p> <ul style="list-style-type: none"> Up to \$14 <p><u>Available Delivery Methods (Unchanged):</u></p>	N/A

Program Modifications – Plumbing Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> • Mail-By-Request • Mid/upstream 	
Low-Flow Aerators	Measure utilized expired DEER READI values and utility specific work papers (PG&E). Since there is no current statewide work paper(s), the measure is being removed to fully align with DEER.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Flow rate \leq 1.0 GPM <p><u>Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Up to \$2.50 <p><u>Available Delivery Methods (Unchanged):</u></p> <ul style="list-style-type: none"> • Mail-By-Request • Mid/upstream 	N/A
Heat Pump Water Heater	Measure is being revised to align with DEER SWWH014 statewide workpaper deemed values.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • > 45 and ≤ 55 gallons: 3.09 or 3.31 UEF • > 55 and ≤ 75 gallons: 3.33 UEF • > 75 gallons: 3.42 UEF <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Up to \$600 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Notes for Plumbing Incentive Table	Clarified implementation details.	<ul style="list-style-type: none"> • Mid-market incentives for all plumbing measures apply to upstream and mail by request. • See additional installation requirements and qualifying models on program website. • Acronyms: GPM: Gallons per minute 	<ul style="list-style-type: none"> • Market partner incentives for all plumbing measures apply to upstream or midstream. • See additional installation requirements on program website. • Acronyms: UEF: Uniform Energy Factor

Table 4 – Single Family HVAC Incentive Table Modifications

Program Modifications – Single Family HVAC Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Central Air Conditioner Upgrade Previously: Central Air Conditioner	Measure utilized expired deemed values from DEER2017. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> • Must be replacing existing CAC • ≥ 15 SEER, ≤ 65 kBTU <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • 15-16 SEER: \$75 • ≥ 17 SEER: \$100 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Heat Pump Upgrade	Measure utilized expired DEER READI values. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> • ≥ 9.0 HSPF, ≥ 16 SEER • Previous primary heat source must have been a heat pump • Home must be located in climate zone 16 <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$150 (ending 12/31/2019) • \$75 (starting 1/1/2020) <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Heat Pump Conversion	No DEER workpaper for this measure. RTF values utilized. Cost effectiveness below 1.0 using RTF values. Measure removed based on cost effectiveness results.	<u>Qualification:</u> <ul style="list-style-type: none"> • Federal Standard HSPF or 9.0 HSPF • Previous primary heat source must have been a permanently installed electric forced air furnace <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • Federal Standard HSPF: \$1,050 	N/A

Program Modifications – Single Family HVAC Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> 9.0 HSPF: \$1,150 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	
Ductless Heat Pump	No DEER workpaper for this measure. RTF values utilized. Cost effectiveness below 1.0 using RTF values. Measure removed based on cost effectiveness results.	<u>Qualification:</u> <ul style="list-style-type: none"> ≥ 9.0 HSPF Previous heat source must have been a zonal electric resistance heat system or electric forced air furnace <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$1,300 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Duct Sealing	Measure is being removed because it is no longer cost effective when using DEER statewide workpaper deemed values.	<u>Qualification:</u> <ul style="list-style-type: none"> Home's primary heat source is an electric forced air furnace Duct leakage prior to sealing is ≥ 24% Duct leakage after sealing is ≤ 12% Cannot be claimed if performing HVAC equipment replacement or upgrade <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> \$200 (ending 12/31/2019) \$100 (starting 1/1/2020) <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	N/A

Program Modifications – Single Family HVAC Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> • Mid/upstream 	
Line Voltage Thermostat	No DEER measure. RTF values utilized. Measure is being removed due to low participation and to maximize efficient use of the direct implementation non incentive budget within the program.	<u>Qualification:</u> <ul style="list-style-type: none"> • Home’s primary heat source is a zonal electric heating system • Thermostats installed in bathrooms do not qualify <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$20 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Smart Thermostat	Measure is being removed because it is no longer cost effective when using DEER statewide workpaper deemed values.	<u>Qualification:</u> <ul style="list-style-type: none"> • Unit must be on ENERGY STAR Qualified Products List • Home’s primary heat source is an electric forced air furnace or air source heat pump heating system • Cannot be claimed if already received incentive for a heat pump upgrade or heat pump conversion <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$50 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Notes for Single Family HVAC Incentive Table	Table is being removed since all the measures are being removed.	<ul style="list-style-type: none"> • Incentives for all HVAC measures apply to downstream or mid/upstream. Only one incentive per unit. 	N/A

Program Modifications – Single Family HVAC Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> • Incentives may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will be clearly displayed on the website with applicable dates. The customer portion of the incentive may be changed. • Maximum of 10 line voltage thermostats per household. • Maximum of 1 smart thermostat per household. • Maximum of 1 ductless heat pump per household. • Customers may self-install smart thermostats. Contractor not required. • Work must be completed per program requirements listed on the program website. • See additional installation requirements and qualifying models on program website. • Acronyms: BTU: British Thermal Unit 	

Program Modifications – Single Family HVAC Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		HSPF: Heating Seasonal Performance Factor SEER: Seasonal Energy Efficiency Ratio	

Table 5 – ~~Single Family~~ Weatherization Incentive Table Modifications

Program Modifications – Single Family Weatherization Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Insulation - Attic	Measure was retired and replaced with ‘Insulation – Attic - with Prescriptive Air Sealing’ on 1/1/2020.	<u>Qualification:</u> <ul style="list-style-type: none"> Add insulation to achieve R-38 or higher Existing insulation is \leq R-19 Home’s primary heat source is electric <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> \$0.20/sf <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Downstream 	N/A
Insulation - Wall	Measure was retired and replaced with ‘Insulation – Wall - with Prescriptive Air Sealing’ on 1/1/2020.	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> No existing wall insulation Must add R-13 or fill cavity Home’s primary heat source must be electric <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> \$0.75/sf <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Downstream 	N/A
Insulation – Attic - with Prescriptive Air Sealing	Measure utilized expired DEER READI values. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> Add insulation to achieve R-38 or higher Existing insulation is \leq R-19 	N/A

Program Modifications – Single Family Weatherization Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> Home’s primary heat source is electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$0.20/sf <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	
Insulation – Wall - with Prescriptive Air Sealing	Measure utilized expired DEER READI values. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> No existing wall insulation Must add R-13 or fill cavity Home’s primary heat source must be electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$0.75/sf <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	N/A
Notes for Weatherization Incentive Table	Table is being removed since the measures are all being removed.	<ul style="list-style-type: none"> See additional installation requirements on program website. Acronyms: R-Value: Thermal resistance of a material 	N/A

Table 6 – ~~Single Family~~ New Homes Incentive Table Modifications

Program Modifications – Single Family New Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
New Homes Ductless Heat Pump	No DEER measure. Previous measure utilized RTF values. Cost effectiveness for the measure is below 1.0. The measure is being removed based on cost effectiveness results.	<u>Qualification:</u> <ul style="list-style-type: none"> • ≥ 10.0 HSPF • Ductless Heat Pump must be installed in main living area with zonal electric (or additional DHPs) in remaining rooms • Must be inverter driven • Single-head, multi-head, or short run duct configurations are allowed <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> • \$1,300 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
New Homes Smart Thermostat	Measure is retiring because it is no longer cost effective when using DEER statewide workpaper deemed values.	<u>Qualification:</u> <ul style="list-style-type: none"> • Unit must be on ENERGY STAR Qualified Products List • Home's primary heat source is an electric forced air furnace or air source heat pump heating system <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$50 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Notes for New Homes Incentive Table	Clarified implementation details.	<ul style="list-style-type: none"> • Incentives for all New Homes measures apply to downstream or mid/upstream. Only one incentive will be provided per home. • Incentives may be paid to the customer, builder, and/or Rater and may be split 	<ul style="list-style-type: none"> • Incentives for all New Homes measures apply to downstream or mid/upstream. Only one incentive will be provided per home. • Incentives may be paid to the customer, builder, and/or Rater and may be split

Program Modifications – Single Family New Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<p>between customer, builder, and/or Rater. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed.</p> <ul style="list-style-type: none"> • Maximum of 1 smart thermostat per household. • See additional installation requirements and qualifying models on program website. • Acronyms: HSPF: Heating Seasonal Performance Factor 	<p>between customer, builder, and/or Rater. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed.</p> <ul style="list-style-type: none"> • See additional installation requirements and qualifying models on program website.

Table 7 – Manufactured Homes Incentive Table Modifications

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Manufactured Homes Heat Pump Upgrade	No DEER measure. Current measure utilizes RTF deemed values. Measure is being removed because it is no longer cost effective when using RTF deemed values.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 9.0 HSPF, ≥ 16 SEER • Previous primary heat source must have been a heat pump <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$150 (ending 12/31/2019) • \$75 (starting 1/1/2020) <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Manufactured Homes Heat Pump Conversion	No DEER measure. Current measure utilizes RTF deemed values. Measure is being removed because it is no longer cost effective when using RTF deemed values.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Federal Standard HSPF or 9.0 HSPF • Previous primary heat source must have been a permanently installed electric forced air furnace <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Federal Standard HSPF: \$1,050 • 9.0 HSPF: \$1,150 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A
Manufactured Homes Ductless Heat Pump	No DEER measure. Current measure utilizes RTF deemed values. Measure is being removed because it is no longer cost effective when using RTF deemed values.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 9.0 HSPF • Previous heat source must have been a zonal electric resistance heat system or electric forced air furnace <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$1,300 	N/A

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	
Manufactured Homes Duct Sealing (Not Direct Install) Previously: Manufactured Homes, Duct Sealing	Measure is being removed because it is no longer cost effective when using DEER statewide workpaper deemed values, specifically the three year measure life.	<u>Qualification:</u> <ul style="list-style-type: none"> Duct leakage prior to sealing is $\geq 25\%$ Duct leakage after sealing is $\leq 15\%$ Home’s primary heat source is an electric forced air furnace <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$200 (ending 12/31/2019) \$150 (starting 1/1/2020) <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Manufactured Homes Duct Sealing (Direct Install)	Measure is being removed because it is no longer cost effective when using DEER statewide workpaper deemed values.	<u>Qualification:</u> <ul style="list-style-type: none"> Duct leakage prior to sealing is $\geq 25\%$ Duct leakage after sealing is $\leq 15\%$ Home’s primary heat source is an electric forced air furnace <u>Market Partner Incentive:</u> <ul style="list-style-type: none"> Up to \$500 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Manufactured Homes Smart Thermostat	Measure is retiring because it is no longer cost effective when using DEER statewide workpaper deemed values.	<u>Qualification:</u> <ul style="list-style-type: none"> Unit must be on ENERGY STAR Qualified Products List Home’s primary heat source is an electric forced air furnace or air source heat pump heating system 	N/A

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> Cannot be claimed if already received incentive for a heat pump upgrade or heat pump conversion <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$50 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/upstream 	
<p>New ENERGY STAR Manufactured Home</p> <p>Previously: New Manufactured Homes High Performance</p>	No DEER measure. RTF values utilized. Measure is being removed due to low participation and to maximize efficient use of the direct implementation non incentive budget within the program.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Home must receive ENERGY STAR certification Home must be electrically heated <p><u>Customer/Market Partner Incentive (Unchanged):</u></p> <ul style="list-style-type: none"> \$2,000 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Notes for manufactured homes table	Table is being removed since all measures are being removed from program.	<ul style="list-style-type: none"> Manufactured homes are eligible for only one duct sealing incentive. The direct install offer may not be combined with the not-direct install offer. Duct sealing (direct install) will be offered on an initiative basis and may not be available for the entire year. See program website for availability information. Contractors providing the direct install duct sealing services will be reimbursed for actual job costs which may include surcharge 	N/A

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<p>for mileage, duct testing, and other job expenses, the total of which may not exceed the incentive. No additional costs will be billed to the customer.</p> <ul style="list-style-type: none"> • Incentives for heat pump conversion, heat pump upgrade, ductless heat pump, not direct install duct sealing, and smart thermostat apply to downstream or mid/upstream. Only one incentive will be provided per unit. • Incentives for heat pump conversion, heat pump upgrade, ductless heat pump, not direct install duct sealing, and smart thermostat may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed. • Incentives for new manufactured homes may be paid to customer, dealer/retailer, and/or manufacturer and the available incentive per home and may be split between customer, dealer/retailer, and/or manufacturer. The sum of incentive payments per home 	

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<p>will not exceed the amount listed in the table. The end use customer portion of the incentive will be clearly displayed on the program website with applicable dates. The end use customer portion of the incentive may be changed.</p> <ul style="list-style-type: none"> • Maximum of 1 smart thermostat per household. • Maximum of 1 ductless heat pump per household. • See additional installation requirements on program website. • Acronyms: HSPF: Heating Seasonal Performance Factor SEER: Seasonal Energy Efficiency Ratio 	

Table 8 – Multifamily Incentive Table Modifications

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Multifamily Ductless Heat Pump	No DEER measure. Current measure utilizes RTF deemed values. Measure is being removed because it is no longer cost effective when using RTF deemed values.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 9.0 HSPF • Previous heat source must have been a zonal electric resistance heat system <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$1,300 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream 	N/A

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Multifamily Insulation - Attic	Measure was retired and replaced with ‘Multifamily Insulation – Attic - with Prescriptive Air Sealing’ on 1/1/2020.	<u>Qualification:</u> <ul style="list-style-type: none"> • Add insulation to achieve R-38 or higher • Existing insulation is \leq R-19 • Home’s primary heat source is electric <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> • \$0.35/sf <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Downstream 	N/A
Multifamily Insulation - Wall	Measure was retired and replaced with ‘Multifamily Insulation – Wall - with Prescriptive Air Sealing’ on 1/1/2020	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> • No existing wall insulation • Must add R-13 or fill cavity • Home’s primary heat source must be electric <u>Customer/Market Partner Incentive (Unchanged):</u> <ul style="list-style-type: none"> • \$0.75/sf <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Downstream 	N/A
Multifamily Insulation – Attic - with Prescriptive Air Sealing	Measure utilized expired DEER READI values. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> • Add insulation to achieve R-38 or higher • Existing insulation is \leq R-19 • Home’s primary heat source is electric • Perform prescriptive air sealing to Program Specifications prior to installation of insulation. <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$0.35/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	N/A

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Multifamily Insulation – Wall - with Prescriptive Air Sealing	Measure utilized expired DEER READI values. Since there is no current statewide work paper, the measure is being removed to fully align with DEER.	<u>Qualification:</u> <ul style="list-style-type: none"> No existing wall insulation Must add R-13 or fill cavity Home’s primary heat source must be electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation. <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$0.75/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	N/A
Multifamily Line Voltage Thermostat	No DEER measure. RTF values utilized. Measure is being removed due to low participation and to maximize efficient use of the direct implementation non incentive budget within the program.	<u>Qualification:</u> <ul style="list-style-type: none"> Home’s primary heat source is a zonal electric heating system Thermostats installed in bathrooms do not qualify <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$20 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream 	N/A
Notes for Multifamily Homes Table	Table is being removed since all measures are being removed from program.	<ul style="list-style-type: none"> Incentives for line voltage thermostat and ductless heat pump apply to downstream or mid/upstream. Only one incentive will be provided per unit. Incentives for line voltage thermostat and ductless heat pump may be paid to the customer, dealer, manufacturer, or trade ally and may be split between customer, 	N/A

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed. <ul style="list-style-type: none"> • Maximum of 10 line voltage thermostats per household. • See additional installation requirements on program website. 	

Exhibit 2

California Home Energy Savings Program - Redlined
Measures, Incentives, and Qualifications

Per unit incentives for specific Energy Efficiency Measures (EEMs) are listed in the program incentive tables below. Current incentives can be found at <https://wattsavings.net/california-residential/>.

Table 1 – Lighting Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
LED Bulbs (General Purpose)	ENERGY STAR qualified	\$0	Up to \$18.00
LED Bulbs (Specialty)	ENERGY STAR qualified	\$0	Up to \$19.00
LED Fixtures	ENERGY STAR qualified. Torchiere and portable products are not qualified.	\$0	Up to \$7.00

Notes for lighting incentive table:

- ~~Mid market incentives for LED bulbs apply to upstream and mail by request.~~
- ~~See product list on program website.~~
- ~~Reduced price LED or fixture offer may end early if entire allocation is sold.~~
- ~~Acronyms:~~

~~**LED:** Light Emitting Diode~~

Table 12 - Appliance Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Evaporative Cooler	17 SEER, ≤ 65k kBTU	\$50	\$0
Room Air Conditioner	ENERGY STAR qualified Home must be located in climate zone 16	\$0	Up to \$20
Hybrid/Heat Pump Clothes Dryer	NEEA qualified	\$600	
Clothes Washer	ENERGY STAR qualified	\$50	

Notes for appliance incentive table:

- See additional installation requirements and qualifying models on program website.
- Incentives for ~~hybrid/heat pump clothes dryer~~ clothes washers apply to mid/upstream and/or downstream. Only one incentive will be provided per qualifying clothes ~~dryer~~ washer.
- Incentives for ~~hybrid/heat pump clothes dryers~~ clothes washers may be paid to the customer, retailer, and/or manufacturer and may be split between customer, retailer, and/or manufacturer.
- Acronyms:
 - ~~BTU:~~ British Thermal Unit
 - ~~EF:~~ Energy Factor
 - ~~NEEA:~~ Northwest Energy Efficiency Alliance

Table 23 - Plumbing Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Low Flow Showerheads	Flow rate < 1.60 GPM	\$0	Up to \$14.00
Low Flow Aerators	Flow rate < 1.0 GPM	\$0	Up to \$2.50
Heat Pump Water Heater	<ul style="list-style-type: none"> • ≥ 45 and ≤ 55 gallons: 3.09 or 3.31 UEF • ≥ 55 and ≤ 75 gallons: 3.33 UEF • > 75 gallons: 3.42 UEF 	\$400	Up to \$200

Notes for plumbing incentive table:

- ~~Mid-market~~ Market partner incentives for all plumbing measures apply to upstream ~~and mail by requestor~~ midstream.
- See additional installation requirements on program website.
- Acronyms:
 - ~~GPM:~~ Gallons per minute
 - ~~UEF:~~ Uniform Energy Factor

Table 4—HVAC Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Central Air Conditioner Upgrade	<p>≥ 15 SEER, ≤ 65 kBTU</p> <p>Must be replacing existing CAC</p>	Up to \$100	
Heat Pump Upgrade	<p>≥ 9.0 HSPF, ≥ 16 SEER</p> <p>Previous primary heat source must have been a heat pump</p> <p>Home must be located in climate zone 16</p>	<p>\$150 (ending 12/31/2019)</p> <p>\$75 (starting 1/1/2020)</p>	
Heat Pump Conversion	<p>Federal Standard HSPF or 9.0 HSPF</p> <p>Previous primary heat source must have been a permanently installed electric forced air furnace</p>	<p>Federal Standard HSPF: \$1,050</p> <p>9.0 HSPF: \$1,150</p>	
Ductless Heat Pump	<p>≥ 9.0 HSPF</p> <p>Previous heat source must have been a zonal electric resistance heat system or electric forced air furnace</p>	\$1,300	
Duct Sealing	<p>Home's primary heat source is an electric forced air furnace.</p> <p>Duct leakage prior to sealing is $\geq 24\%$</p> <p>Duct leakage after sealing is $\leq 12\%$</p> <p>Cannot be claimed if performing HVAC equipment replacement or upgrade.</p>	<p>\$200 (ending 12/31/2019)</p> <p>\$100 (starting 1/1/2020)</p>	
Line Voltage Thermostat	<p>Home's primary heat source is a zonal electric heating system.</p> <p>Thermostats installed in bathrooms do not qualify</p>	\$20	
Smart Thermostat	Unit must be on ENERGY STAR Qualified Products List	\$50	

	<p>Home's primary heat source is an electric forced air furnace or air source heat pump heating system.</p> <p>Cannot be claimed if already received incentive for heat pump upgrade or heat pump conversion.</p>	
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Notes for HVAC incentive table:

- ~~Incentive for all HVAC measures apply to downstream or mid/upstream. Only one incentive per unit.~~
- ~~Incentives may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The customer portion of the incentive may be changed.~~
- ~~Maximum of 10 line voltage thermostats per household.~~
- ~~Maximum of 1 smart thermostat per household.~~
- ~~Maximum of 1 ductless heat pump per household.~~
- ~~Customers may self install smart thermostats. Contractor not required.~~
- ~~Work must be completed per program requirements listed on the program website.~~
- ~~See additional installation requirements on program website.~~ Acronyms:
BTU: ~~British Thermal Unit~~
HSPF: ~~Heating Seasonal Performance Factor~~
SEER: ~~Seasonal Energy Efficiency Ratio~~

Table 5 – Weatherization Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Insulation – Attic	<p>Add insulation to achieve R-38 or higher</p> <p>Existing insulation is \leq R-19</p> <p>Home's primary heat source is electric</p> <p>Measure to be replaced with 'Insulation – Attic – Prescriptive Air Sealing' on 1/1/2020</p>	\$0.20/sf.	\$0/sf.
Insulation – Wall	<p>No existing wall insulation Must add R-13 or fill cavity</p> <p>Home's primary heat source must be electric</p> <p>Measure to be replaced with 'Insulation – Wall – Prescriptive Air Sealing' on 1/1/2020</p>	\$0.75 /sf.	\$0/sf.

Insulation—Attic— Prescriptive Air Sealing	Add insulation to achieve R 38 or higher Existing insulation is \leq R 19 Home's primary heat source is electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation	\$0.20/sf.	\$0/sf.
Insulation—Wall— Prescriptive Air Sealing	No existing wall insulation Must add R 13 or fill cavity Home's primary heat source must be electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation	\$0.75 /sf.	\$0/sf.

Notes for weatherization incentive table:

- See additional installation requirements on program website.
- Acronyms:
R-Value: Thermal resistance of a material

Table 36 - New Homes Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
New Homes Whole Home Performance Path	To align with the California Advanced Homes Program, the Program will offer incentives to builders based on the new homes' percentage improvement beyond Title 24, beginning at 15% better than code and increasing. The home's performance will be modeled and verified by independent third-parties and the models will be delivered to the program for final savings and incentives calculations. See program website details.		Up to \$5,000
New Homes Ductless Heat Pump	≥ 10.0 HSPF Ductless Heat Pump must be installed in main living area with zonal electric (or additional DHPs) in remaining rooms Must be inverter driven Single head, multi head, or short run duct configurations are allowed		\$1,300

New Homes Smart Thermostat	Unit must be on ENERGY STAR Qualified Products List Home's primary heat source is an electric forced air furnace or air source heat pump heating system	\$50
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Notes for new homes incentive table:

- Incentives for all New Homes measures apply to downstream or mid/upstream. Only one incentive will be provided per home.
- Incentives may be paid to the customer, builder, and/or Rater and may be split between customer, builder, and/or Rater. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed.
- ~~Maximum 1 smart thermostat per household.~~
- See additional installation requirements on program website.
- ~~Acronyms:~~
~~HSPF: Heating Seasonal Performance Factor~~

Table 7—Manufactured Homes Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Manufactured Homes Heat Pump Upgrade	≥ 9.0 HSPF, ≥ 16 SEER Previous primary heat source must have been a heat pump	\$150 (ending 12/31/2019) \$75 (starting 1/1/2020)	
Manufactured Homes Heat Pump Conversion	Federal Standard HSPF or 9.0 HSPF Previous primary heat source must have been a permanently installed electric forced air furnace	Federal Standard HSPF: \$1,050 9.0 HSPF: \$1,150	
Manufactured Homes Ductless Heat Pump	≥ 9.0 HSPF Previous heat source must have been a zonal electric resistance heat system or electric forced air furnace	\$1,300	
Manufactured Homes Duct Sealing (Not Direct Install)	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. Duct leakage prior to sealing is $\geq 25\%$ Duct leakage after sealing is $\leq 15\%$ Home's primary heat source is an electric forced air furnace	\$200 (ending 12/31/2019) \$150 (starting 1/1/2020)	
Manufactured Homes Duct Sealing (Direct Install)	Must have ducted electric heating system serving at least 80% of the home's floor area. Existing		Up to \$500

	<p>insulation should only be removed if it is being replaced.</p> <p>Duct leakage prior to sealing is $\geq 25\%$ Duct leakage after sealing is $\leq 15\%$</p> <p>Home's primary heat source is an electric forced air furnace</p>		
Smart Thermostat	<p>Unit must be on ENERGY STAR Qualified Products List</p> <p>Home's primary heat source is an electric forced air furnace or air source heat pump heating system.</p> <p>Cannot be claimed if already received incentive for heat pump upgrade or heat pump conversion.</p>		\$50
New ENERGY STAR Manufactured Home	<p>Home must receive ENERGY STAR certification</p> <p>Home must be electrically heated</p>		\$2,000

Notes for manufactured homes incentive table:

- ~~Manufactured homes are eligible for only one duct sealing incentive. The direct install offer may not be combined with the not direct install offer.~~
- ~~Duct sealing (direct install) will be offered on an initiative basis and may not be available for the entire year. See program website for availability information.~~
- ~~Contractors providing the direct install duct sealing services will be reimbursed for actual job costs which may include surcharge for mileage, duct testing, and other job expenses, the total of which may not exceed the incentive. No additional costs will be billed to the customer.~~
- ~~Incentives for heat pump conversion, heat pump upgrade, ductless heat pump, not direct install duct sealing, and smart thermostat apply to downstream or mid/upstream. Only one incentive will be provided per unit.~~
- ~~Incentives for heat pump conversion, heat pump upgrade, ductless heat pump, not direct install duct sealing, and smart thermostat may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.~~
- ~~Incentives for new manufactured homes may be paid to the customer, dealer/retailer, and/or manufacturer and the available incentive per home may be split between customer, dealer/retailer, and/or manufacturer. The sum of the incentive payments per home will not exceed amount listed in the table. The incentive will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed.~~
- ~~Maximum of 1 smart thermostat per household.~~
- ~~Maximum of 1 ductless heat pump per household.~~
- ~~See additional installation requirements on program website.~~
- ~~Acronyms:
HSPF: Heating Seasonal Performance Factor
SEER: Seasonal Energy Efficiency Ratio~~

Table 8— Multifamily Incentive Table

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Multifamily Ductless Heat Pump	 <p>≥ 9.0 HSPF</p> <p>Previous heat source must have been a zonal electric resistance heat system or electric forced air furnace</p> 		\$1,300
Multifamily Insulation—Attic	 <p>Add insulation to achieve R-38 or higher</p> <p>Existing insulation is ≤ R-19</p> <p>Home’s primary heat source is electric</p> <p>Measure to be replaced with ‘Multifamily Insulation—Attic—Prescriptive Air Sealing’ on 1/1/2020</p> 	\$0.35/sf.	\$0/sf.
Multifamily Insulation—Wall	 <p>No existing wall insulation</p> <p>Must add R-13 or fill cavity</p> <p>Home’s primary heat source must be electric</p> <p>Measure to be replaced with ‘Multifamily Insulation—Wall—Prescriptive Air Sealing’ on 1/1/2020</p> 	\$0.75/sf.	\$0/sf.
Multifamily Air Sealing with Insulation SPIF	<p>Introduced SPIF to ease the market into the 2020 requirement that prescriptive air sealing is required with all insulation work.</p> <p>Perform prescriptive air sealing to Program Specifications prior to installation of insulation</p> <p>Air sealing must be completed at the same time as insulation install</p> <p>Measure to retire 12/31/2019</p>	\$100	\$0
Multifamily Insulation—Attic—Prescriptive Air Sealing	 <p>Add insulation to achieve R-38 or higher</p> <p>Existing insulation is ≤ R-19</p> <p>Home’s primary heat source is electric</p> 	\$0.35/sf.	\$0/sf.

	Perform prescriptive air sealing to Program Specifications prior to installation of insulation		
Multifamily Insulation —Wall—Prescriptive Air Sealing	No existing wall insulation Must add R-13 or fill cavity Home's primary heat source must be electric Perform prescriptive air sealing to Program Specifications prior to installation of insulation	\$0.75 /sf.	\$0/sf.
Multifamily Line Voltage Thermostat	Home's primary heat source is a zonal electric heating system. Thermostats installed in bathrooms do not qualify	\$20	

Notes for multifamily incentive table:

- Incentives for line voltage thermostat and ductless heat pump apply to downstream or mid/upstream. Only one incentive will be provided per unit.
- Incentives for line voltage thermostat and ductless heat pump may be paid to the customer, dealer, manufacturer, or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will be clearly displayed on the program website with applicable dates. The end use portion of the incentive may be changed.
- Maximum of 10 line voltage thermostats per household.
- See additional installation requirements on program website.