

PacifiCorp's Planned Changes to Home Energy Savings Program in Washington Proposed Effective Date of January 1, 2018

PacifiCorp (Company) is planning to make modifications to the Washington Home Energy Savings program (Program), administered under the Company's *wattsmart* Homes program which offers incentives and services for residential energy efficiency equipment and projects. The changes update unit energy savings (UES) values and equipment eligibility to align with Regional Technical Forum (RTF) information, incorporate program delivery experience from the current biennial period, add delivery flexibility, incorporate pilot offers and align new homes offerings with regional activity.

Consistent with the approved change process for the Program, after receiving and addressing feedback from the Company's Washington Demand-side Management Advisory Group the proposed changes will be posted on the Program website 45 days prior to becoming effective and implemented. The changes will be effective January 1, 2018.

Background

The Program, which is offered through Schedule 118, was approved by the Washington Utilities and Transportation Commission (Commission) and began operating in September 2006. The Company filed the program for approval with the Commission on August 11, 2006, and the Program became effective on September 14, 2006 (refer to Docket No. UE-061297). The change process for the Program is described in advice letter 06-004, through which the program was introduced. Language describing the program change process is found on page 3 of Advice No. 06-004, which is copied below.

“...the Company would present information on proposed changes to its Advisory Group and seek comments prior to making changes. Changes in equipment specifications or incentive levels would be clearly posted on the Web site and emailed to the appropriate Commission staff person with at least 45 days advance notice.”

The Program change process is also described in provision of service no. 5 in the program tariff (Schedule 118). Provision of service no. 5 states:

“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.”

Annual reports and Program evaluation reports are available online at:
www.pacificorp.com/es/dsm/washington.html.

Description of Planned Home Energy Savings Changes

Planned changes are part of the adaptive management strategy for aligning the Home Energy Savings program during the 2018-2019 biennium with updated planning assumptions, market conditions and pilot expectations. Namely:

- Update unit energy savings and equipment eligibility to align with Regional Technical Forum (RTF) information available as of July 31, 2017.
- Add mid/upstream as an available delivery method for applicable appliance, HVAC, weatherization, and plumbing measures to enhance the Program’s ability to align with other programs.
- Add options for who may receive an incentive. Provide added flexibility to allocate incentives to either the customer or a clearly specified market partner (e.g. dealer, manufacturer, builder, rater and/or trade ally) and react to required implementation changes in a timely manner. Incentives may be split between the customer and a measure-specific market partner. The sum of the incentive payments per unit will clearly be displayed on the Program website with applicable dates. The customer portion of the incentive may be changed by the Company using the program change process.
- Add specific offerings for manufactured homes and multifamily properties with housing type-specific UES values. Specific offers improve marketing and savings reporting accuracy and will further improve targeted delivery in the manufactured home sector.
- Align new home offer with the most recent Northwest Energy Efficiency Alliance (NEEA) and Bonneville Power Administration offers for new construction and available savings beyond the latest version of the Washington State Energy Code. Focus the market on whole home design and performance and away from prescriptive measures, some of which are now required by code.
- Add deep energy retrofit offer to increase comprehensive residential weatherization project activity and scope of individual projects. Establish a baseline model based on prior metered utility consumption and target improvements of at least 40% of total usage.
- Add on-bill financing for incentive-eligible equipment or materials installed in existing homes. The offer will utilize a third party vendor (Craft3) for loan funding and servicing functions. Craft3 will work closely with the program administrator to inform trade allies and customers of the offer and provide information on the Program website. Financing will be available for the net (after incentives deducted) costs of equipment eligible for incentives through the Program. Startup and PacifiCorp internal loan servicing expenses will be included as a Program expense and recovered through the tariff rider. Marketing and screening will be put in place to help ensure customers eligible for low income weatherization services are directed to the community action agencies instead of participating in this loan offer. Summary information on interest rates, loan terms and loan fees is provided below.

Loan Amount/Term	\$2,500 to 7,500:	Term up to 7 years (84 months)
	\$7,501 to \$30,000:	Term up to 15 years (180 months)

Interest Rate	4.49% APR. (No rate increases for lower credit scores) (Craft3, at its sole discretion, with minimum 30 days notice, may increase this rate to a maximum of 5.49%. Increases above this level would need to be agreed to by both Craft3 and Pacific Power.)
Loan Fee	\$0

These changes were provided to the Washington DSM Advisory Group for review on November 3, 2017.

Regional Technical Forum (RTF) review

Recent RTF updates to UES measures, approved as of July 31, 2017, were reviewed and included in this set of Program changes. Workbook references are provided where applicable. In some cases the RTF does not develop or maintain information on a measure that is included in the Program. In those cases, alternate data sources are used and noted. Information on this review is included in the measure-specific tables in this document.

Cost-Effectiveness

Including the program modifications described in this document, the Home Energy Savings program is expected to be cost-effective over the 2018-2019 period, with a Total Resource Cost benefit-cost ratio, including the 10% conservation adder and non-energy impacts (NEIs) of 2.20. Program-level cost-effectiveness results are provided in the table below, with detailed inputs and results provided in Exhibit 3.

Home Energy Savings Cost-Effectiveness Results, Including NEIs Cost-Effectiveness Results – 2018-2019

Cost-Effectiveness Test	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	\$0.0535	\$5,531,396	\$12,185,353	\$6,653,957	2.20
Total Resource Cost Test (TRC) No Adder	\$0.0535	\$5,531,396	\$11,759,625	\$6,228,228	2.13
Utility Cost Test (UCT)	\$0.0399	\$4,121,658	\$4,257,283	\$135,625	1.03
Participant Cost Test (PCT)		\$3,524,059	\$19,222,156	\$15,698,098	5.45
Rate Impact Test (RIM)		\$13,727,152	\$4,257,283	(\$9,469,869)	0.31
Lifecycle Revenue Impacts (\$/kWh)					\$0.0002357
Discounted Participant Payback (years)					1.53

Proposed Program changes are summarized in Tables 1-9.

Exhibits Provided

Exhibit 1 - Washington HES Incentive Tables – Planned

Exhibit 2 - Washington HES Incentive Tables – Red-lined

Exhibit 3 - Cost Effectiveness

Table 1 – Appliance Incentive Table Modifications

Program Modifications – Appliance Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Clothes Washer	Aligned with most recent RTF workbook: (ResClothesWashersSF_v5_4_12_2_16). Clarified implementation details and allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> IMEF \geq 2.75 <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$50 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> IMEF \geq 2.76 <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
Hybrid/Heat Pump Clothes Dryer (Formerly Hybrid Heat Pump Clothes Dryer & Heat Pump Clothes Dryer)	Updated measure name. Consolidated the hybrid heat pump clothes dryer and heat pump clothes dryer measures. Aligned with most recent RTF workbook. (ResClothesDryers_2017_07_updated). Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> Northwest Energy Efficiency Alliance (NEEA) <u>Hybrid Customer Incentive:</u> <ul style="list-style-type: none"> \$150 <u>Heat Pump Customer Incentive:</u> <ul style="list-style-type: none"> \$300 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> UCEF \geq 3.20 <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$275 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream
Notes for appliance incentives table	Clarified implementation details.	<ul style="list-style-type: none"> Homes must have electric water heating and/or electric dryer heat for clothes washers to be eligible for incentives. See qualifying models on program website. 	<ul style="list-style-type: none"> Incentives for clothes washer 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. The sum of incentive payments per unit will not exceed the amounts listed in the table. The end use customer portion of the incentive will

Program Modifications – Appliance Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<p>clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.</p> <ul style="list-style-type: none"> • Homes must have either an electric water heater or an electric dryer for clothes washers to be eligible for incentives. • 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. The sum of incentive payments per unit will not exceed the amounts listed in the table. The end use customer portion of the incentive will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed. • See additional requirements on program website.

Table 2 – Lighting Incentive Table Modifications

Program Modifications – Lighting Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
CFL Bulbs (General Purpose)	Formally retiring the measure to align with the market’s movement away from CFLs in favor of LEDs. Also, at the beginning of 2016, Washington state introduced a CFL recycling tax dissuading customers from purchasing CFL bulbs and resulting in manufacturers no longer offering them in the state of Washington.	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> Up to \$1.50 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	N/A
CFL Bulbs (Specialty)	Formally retiring the measure to align with the market’s movement away from CFLs in favor of LEDs. Also, at the beginning of 2016, Washington state introduced a CFL recycling tax dissuading customers from purchasing CFL bulbs and resulting in manufacturers no longer offering them in the state of Washington.	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> Up to \$3.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	N/A
LED Bulbs (General Purpose)	Aligned with most recent RTF workbook. (ResLighting_v5.2). LED bulbs are now classified according to the RTF measure identifiers, lumen range, and lamp type, represented in the RTF workbook. A reduced list of LED bulbs will be made available based on cost effectiveness, incremental cost, and market availability. Reduced available market partner incentive.	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> Up to \$5.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	<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 \$3.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Mid/Upstream
LED Bulbs (Specialty)	Aligned with most recent RTF workbook. (ResLighting_v5.2). LED bulbs are now classified according to the RTF measure identifiers, lumen range, and lamp type, represented in the RTF workbook. A reduced list of	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.00 	<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 \$3.00

Program Modifications – Lighting Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
	LED bulbs will be made available based on cost effectiveness, incremental cost, and market availability. Reduced available market partner incentive.	<u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> Up to \$5.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	<u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Mid/Upstream
LED Fixtures Formerly: CFL and LED Fixtures	Aligned with most recent RTF workbook. (ResLighting_v5.2). LED fixtures are now classified according to the RTF measure identifiers, lumen range, and fixture type, represented in the RTF workbook. A reduced list of LED bulbs will be made available based on cost effectiveness, incremental cost, and market availability. Increased available market partner incentive due to the increased range of information from the RTF on fixtures and the associated increase in incremental cost.	<u>Qualification:</u> <ul style="list-style-type: none"> ENERGY STAR qualified Torchiere and portable products are not qualified <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> Up to \$10.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> ENERGY STAR qualified Torchiere and portable products are not qualified <u>Market Partner Incentive</u> <ul style="list-style-type: none"> Up to \$23.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Direct Install Mail-By-Request Mid/Upstream
Notes for lighting incentives table	Clarified implementation details.	<ul style="list-style-type: none"> Mid-market incentives for CFL and LED bulbs apply to upstream, mail by request, and direct install. Mail-by-request and direct install are offered on an initiative basis and may not be available for the entire year. See program website for availability information. See product list on program website. Reduced price CFL, LED, or fixture offer may end early if entire allocation is sold. 	<ul style="list-style-type: none"> Incentives for LED bulbs and fixtures apply to mid/upstream, mail-by-request, and/or direct install. Mail-by-request and direct install are offered on an initiative basis and may not be available for the entire year. See program website for availability information LED bulb and fixture must be listed on the program’s qualified product list on the program website in order to qualify for an incentive. Qualifying products may be purchased at participating retailers only

Program Modifications – Lighting Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<ul style="list-style-type: none"> • Reduced price LED or fixture offer may end early if entire allocation is sold.

Table 3 – Electronics Incentive Table Modifications

Program Modifications –Electronics Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Advanced Power Strips	Measure has been retired due to the lack of availability in brick and mortar stores resulting in a lack of market interest. The most recent RTF workbook has decreased UES values which produced reduced cost effectiveness.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Power strip must have infrared sensor, occupancy sensor, or load sensor and automatically shut off the plug loads when no motion or reduced load is detected for a period of time. <p><u>Incentive:</u></p> <ul style="list-style-type: none"> Up to \$60.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Direct Install Downstream Mid/upstream 	N/A
Notes for electronics table		<ul style="list-style-type: none"> Incentives for advanced power strips apply to upstream, mail-by-request, direct install, and downstream. Only one incentive will be provided per advanced power strip. Mail-by-request and direct install are offered on an initiative basis and may not be available for the entire year. See program website for availability information. See product list on program website. Incentives for advanced power strips vary by specifications qualifications. See website for incentive details. 	N/A

Table 4 – Single Family HVAC Incentive Table Modifications

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
<p>Evaporative Coolers - 2,000-3,499 CFM</p> <p>Previously: Evaporative Coolers Tier 1</p>	<p>Updated measure name. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Home Energy Savings Program Evaluation. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • 2,000-3,499 CFM <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$50.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p><u>Qualification (Unchanged):</u></p> <ul style="list-style-type: none"> • 2,000-3,499 CFM <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$50.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
<p>Evaporative Coolers – 3,500+ CFM</p> <p>Previously: Evaporative Coolers Tier 2</p>	<p>Updated measure name. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Home Energy Savings Program Evaluation. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Minimum 3,500 CFM (Must be the primary cooling source) <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$250.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$0.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p><u>Qualification (Unchanged):</u></p> <ul style="list-style-type: none"> • Minimum 3,500 CFM (Must be the primary cooling source) <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$250.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
<p>Central Air Conditioner with Best Practice Installation and Sizing</p>	<p>As there was no available RTF workbook for central air conditioners, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Home Energy Savings Program Evaluation. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • > 15 SEER <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$50.00 <p><u>Mid-Market Incentive:</u></p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 15 SEER • Central air conditioner must be installed and sized per program’s requirements

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> \$75.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$125.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream
Duct Sealing and Insulation	Aligned with most recent RTF workbook. (ResSFDuctSealing_v4_4_12_5_16). Restricted qualification to electrically heated homes only. Reduced total available incentive. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> Rinitial < 2 Rfinal ≥ 8 Must add at least R-8 to ducts 80% of home served by electric heat or cooling <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$100 for electrically cooled homes \$600 for electrically heated homes <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$50 for electrically cooled homes \$200 for electrically heated homes <u>Available Delivery Methods:</u>	<u>Qualification:</u> <ul style="list-style-type: none"> Rinitial < 2 and replace all existing insulation with at least R-8 Home's primary heat source must be either a heat pump or electric forced air furnace Existing ducts must be unsealed <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$800.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> Downstream 	
Duct Sealing Formerly: Duct Sealing (excludes manufacture d homes)	Updated measure name. Aligned with most recent RTF workbook. (ResSFDuctSealing_v4_4_12_5_16). Clarified qualification requirements. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> Must have ducted electric heating system serving at least 80% of the home's floor area. Installation must be completed by a participating or qualified contractor. <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$300 for electrically heated homes <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$0.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> Home's primary heat source must be either a ducted heat pump or electric forced air furnace Existing or new insulation must be installed after sealing is completed Existing ducts must be unsealed Duct sealing must be done per program's requirements <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$300.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream
Ductless Heat Pump	Aligned with most recent RTF workbook. (ResDHPonFAF_v1_5_12_2_16 & ResSFExistingHVAC_v4_1_7_18_16). Clarified qualification requirements. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> > 9.0 HSPF, single-head or multi-head unit 	<u>Qualification:</u> <ul style="list-style-type: none"> ≥ 9.0 HSPF, single-head or multi-head unit Home's previous

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<u>Customer Incentive:</u> <ul style="list-style-type: none"> \$1,000.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$300.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	primary heating source must either have been an electric forced air furnace or a zonal electric system <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$1,300.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream
Electronic Line Voltage Thermostat	Add a new RTF measure. Homes’ primary heating source must be electric zonal system. Aligns with most recent RTF workbook (ResSFElectronicTStats_v3_1_11_17_16).	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> Must meet Bonneville Power Administration (BPA) specifications <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$60.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream
Heat Pump Performance Commissioning Controls Sizing	Updated measure name. Aligned with most recent RTF workbook. (ResHeatingCoolingCommissioningControlsSizingSF_v3_6_12_2_16). Removed the requirement for trade allies to be PTCS certified and aligned requirements to other heat pump measures. Reduced total available incentive to align	<u>Qualification:</u> <ul style="list-style-type: none"> Complete prescriptive checklist on the PTCS Air 	<u>Qualification:</u> <ul style="list-style-type: none"> Heat pump must be new and commissioning,

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Formerly: Heat Pump Performance Tested Comfort Systems, Commissioning Controls Sizing	with reduced unit energy savings from the revised RTF workbook. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<p>Source Heat Pump form found on the program website</p> <ul style="list-style-type: none"> Equipment must be installed by a program qualified contractor <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$200.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$200.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<p>controls, and sizing be completed per program requirements</p> <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$250.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Federal Standard Heat Pump Conversion with Best Practice Installation and Sizing	Aligned with RTF workbook (ResSFExistingHVAC_v4_1_7_18_16) which now has the federal standard as an efficient case option.	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> For replacement of existing electric furnace with new federal standard efficiency heat pump Heat pump must include Best Practices Installation & Proper Sizing <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$1,300.00

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/upstream
9.0+ HSPF Heat Pump Conversion with Best Practice Installation and Sizing Formerly: Heat Pump Conversion with Best Practice Installation and Sizing	Updated measure name. Aligned with most recent RTF workbook. (ResSFExistingHVAC_v4_1_7_18_16). Update the name to distinguish from the federal standard heat pump conversion. Increased total available incentive. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> For replacement of existing electric resistance heat or electric furnace with new high efficiency heat pump > 9.0 HSPF must include Best Practices Installation & Proper Sizing <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$1,250.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$500.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> For replacement of existing electric furnace with new efficient heat pump ≥ 9.0 HSPF must include Best Practices Installation & Proper Sizing <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> \$2,000.00 <u>Applicable Delivery Methods:</u> <ul style="list-style-type: none"> Downstream Mid/Upstream
Heat Pump Upgrade with Best Practice Installation and Sizing	Aligned with most recent RTF workbook. (ResSFExistingHVAC_v4_1_7_18_16). Increased total available incentive to entice the market to participate in this measure. Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<u>Qualification:</u> <ul style="list-style-type: none"> For upgrade of existing heat pump to new high efficiency heat pump 	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> For upgrade of existing heat pump to new high efficiency heat pump

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> 9.0 HSPF must include Best Practices Installation & Proper Sizing <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$150.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$100.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<ul style="list-style-type: none"> ≥ 9.0 HSPF must include Best Practices Installation & Proper Sizing <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$300.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Smart Thermostat	Aligned with most recent RTF workbook. (ResConnectedTstat_v1.2_4_5_17_16). Allowed flexibility to provide the incentive between the customer and the market partner. Added mid/upstream to available delivery methods.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Wi-Fi enabled, programmable, online dashboard and/or mobile device app, occupancy sensor <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$50.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$0.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<p><u>Qualification (Unchanged):</u></p> <ul style="list-style-type: none"> Wi-Fi enabled, programmable, online dashboard and/or mobile device app, occupancy sensor <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$50.00 <p><u>Applicable Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Notes for HVAC Incentives Table	Clarified implementation details.	<ul style="list-style-type: none"> See additional installation requirements on 	<ul style="list-style-type: none"> Incentives for all HVAC measures apply to

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<p>program website.</p> <ul style="list-style-type: none"> • Multifamily properties may be eligible for the duct sealing and duct insulation, duct sealing, and the ductless heat pump incentives. • Occupancy sensing feature must be enabled for smart thermostats incentives. • Homes must have a ducted electric heating system to be eligible for smart thermostat incentives. • Customers may self-install smart thermostats . Contractor not required. 	<p>downstream or mid/upstream. Only one incentive will be provided per unit.</p> <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 clearly be 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 one smart thermostat

Program Modifications – Single Family HVAC Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<p>per household.</p> <ul style="list-style-type: none"> • Occupancy sensing feature must be enabled for smart thermostats incentives. • Homes must have a ducted electric heating system to be eligible for smart thermostat incentives. • 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.

Table 5 – Single Family Weatherization Incentive Table Modifications

Program Modifications – Single Family Weatherization Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Insulation – Attic	Aligned with most recent RTF workbook. (ResSFWx_v3_6_12_21_16). Reduced UES values resulted in reduced available incentives.	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} \leq 19$ • $R_{final} \geq 49$ <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.10/sf. for electrically cooled home • \$0.35/sf. for electrically heated home <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	<u>Qualification (Unchanged):</u> <ul style="list-style-type: none"> • $R_{initial} \leq 19$ • $R_{final} \geq 49$ <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.05/sf. for electrically cooled home • \$0.30/sf. for electrically heated home <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Downstream
Insulation – Floor (to R-19) Formerly: Insulation – Floor (to R-21)	Aligned with most recent RTF workbook. (ResSFWx_v3_6_12_21_16). Aligned to the available RTF tier (R-19 from R-21). Reduced the R-initial insulation requirement to R-0 as the UES value for $R_{initial} \leq 11$ resulted in low cost-effectiveness. Updated measure name.	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} \leq 11$ • $R_{final} \geq 21$ • Home’s primary heat source must be electric <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.20/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} = 0$ • $R_{final} \geq 19$ • Home’s primary heat source must be electric <u>Customer 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
Insulation – Floor (to R-30)	Aligned with most recent RTF workbook. (ResSFWx_v3_6_12_21_16). Reduced the R-initial insulation requirement to R-0 as the UES value for $R_{initial} \leq 11$ resulted in low cost-effectiveness.	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} \leq 11$ • $R_{final} \geq 30$ • Home’s primary heat source must be electric <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.30/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} = 0$ • $R_{final} \geq 30$ • Home’s primary heat source must be electric <u>Customer Incentive (Unchanged):</u> <ul style="list-style-type: none"> • \$0.30/sf. <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> • Downstream

Program Modifications – Single Family Weatherization Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Insulation – Wall	Aligned with most recent RTF workbook. (ResSFWx_v3_6_12_21_16). Reduced the R-initial insulation requirement to R-0 as the UES value for $R_{initial} \leq 4$ resulted in low cost-effectiveness.	<u>Qualification:</u> <ul style="list-style-type: none"> $R_{initial} \leq 4$ $R_{final} \geq 11$ or fill cavity Home’s primary heat source must be electric <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.40/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> $R_{initial} = 0$ $R_{final} \geq 11$ or fill cavity Home’s primary heat source must be electric <u>Customer Incentive (Unchanged):</u> <ul style="list-style-type: none"> \$0.40/sf. <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Downstream
Air Sealing	Retired measure due to low market interest and the most recent RTF workbook as of July 31, 2017 offered lower UES values resulting in low cost-effectiveness.	<u>Qualification:</u> <ul style="list-style-type: none"> Air seal entire home per program requirements <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.15/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> Downstream 	N/A
Windows	Aligned with most recent RTF workbook. (ResSFWx_v3_6_12_21_16). Reduced specification requirement from 0.22 (triple pane) to 0.25 (high performing double pane). Product availability in the territory was low for 0.22 windows but is higher for 0.25 windows. Reduced total available incentive to align with lower savings and costs.	<u>Qualification:</u> <ul style="list-style-type: none"> U-factor of 0.22 or lower. <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$1.50/sf. For electrically heated home <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> \$0.00/sf. <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Downstream 	<u>Qualification:</u> <ul style="list-style-type: none"> U-factor of 0.25 or lower Home’s primary heat source must be electric <u>Customer Incentive:</u> <ul style="list-style-type: none"> \$0.65/sf. <u>Available Delivery Methods (Unchanged):</u> <ul style="list-style-type: none"> Downstream
Whole-Home Upgrade Package	Measure to be retired due to no participation. This measure was replaced by the deep retrofit pilot.	<u>Qualification:</u> Install all of the following per Program requirements: <ul style="list-style-type: none"> Heat Pump or Ductless Heat Pump 	N/A

Program Modifications – Single Family Weatherization Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> • Whole-Home Attic Insulation • Duct Sealing & Insulation if main heat or cooling source is ducted • Air Sealing <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$1,000 bonus <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$0.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	
Deep Retrofit	Introducing new measure as a pilot. Participating homes must be prequalified by program staff. Homes will be modeled using a Program-approved modeling software and the initial model will be trued up based upon the last 12 months of usage data.	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Improvements to the HVAC and building shell must result in decreased energy usage of at least 40% • Home’s primary heat source must be electric <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Up to \$5,000.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream
Notes for Weatherization Incentive Table	Clarified implementation details.	<ul style="list-style-type: none"> • See additional installation requirements on program website. • Multifamily properties may be eligible for the duct sealing and duct insulation, duct sealing, and the ductless heat pump incentives. • Occupancy sensing feature must be enabled for smart thermostats incentives. • Homes must have a ducted electric heating system to be 	<ul style="list-style-type: none"> • See additional installation requirements on program website. • Home’s primary heat source must be either a heat pump, electric forced air, electric zonal, or ductless heat pump heating system to qualify for the electrically heated incentive. • Home’s primary heat source must be a fuel other than electricity to qualify for the electrically cooled incentive. • Electric heating incentives cannot be combined with electric cooling incentives for weatherization.

Program Modifications – Single Family Weatherization Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		eligible of smart thermostat incentives.	<ul style="list-style-type: none"> • Incentives for deep retrofits apply to downstream or mid/upstream. Only one incentive will be provided per household. • Incentives for deep retrofits may be paid to the customer, trade ally, and/or rater and may be split between customer, trade ally, and/or rater. 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.

Table 6 – Single Family New Homes Incentive Table Modifications

Program Modifications – Single Family New Homes Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
<p>Performance Path</p> <p>Formerly: Whole Home Performance Path</p>	<p>Updated measure name. Aligned measure to the BPA performance path and reduced the percent above code to 10%. The 2015 Washington code became more stringent and went into effect on July 1, 2016. Adopting the reduced percent above code aligns the Program with other Washington utilities and Northwest Energy Efficiency Alliance (NEEA)’s minimum threshold. Added the incentive availability to electrically cooled homes as the implementation would allow the Program to accurately determine the savings. Added mid/upstream to available delivery methods.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Incentives available for new electrically heated homes that exceed the prevailing code by a minimum of 15%. The home’s performance must be modeled and verified by independent third-parties and the models must be provided to the program for final savings and incentive calculations. • See program website for additional details. <p><u>Customer/Builder Incentive:</u></p> <ul style="list-style-type: none"> • \$1,500 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$0.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Incentives available for new electrically heated or homes with a heat source that is not electric, but with electric cooling that exceed the prevailing code by a minimum of 10% as modeled using program required tools and software • The home’s performance must be modeled and verified by an independent third-party Rater. <p><u>Customer/Builder/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Electrically heated: \$1,500 • Electrically cooled: \$500 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
<p>Heat Pump Water Heater</p>	<p>Measure retired due to the 2015 Washington code going into effect on July 1, 2016. Providing incentives for individual measures became difficult to administer and ensure they were not being used to meet Washington’s additional energy credit requirements. Redesigned the new homes program to push folks into the Performance Path offering.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Northern Climate Specification Qualified <p><u>Customer/Builder Incentive:</u></p> <ul style="list-style-type: none"> • Up to \$800 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$0.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p>N/A</p>
<p>Central Air Conditioner with Best Practices Install and Sizing</p>	<p>Measure retired due to the 2015 Washington code going into effect on July 1, 2016. Providing incentives for individual measures became difficult to administer and ensure they were not being</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • >15 SEER <p><u>Customer/Builder Incentive:</u></p> <ul style="list-style-type: none"> • \$100 	<p>N/A</p>

Program Modifications – Single Family New Homes Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
	used to meet Washington’s additional energy credit requirements. Redesigned the new homes program to push folks into the Performance Path offering.	<u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	
Heat Pump	Measure retired due to the 2015 Washington code going into effect on July 1, 2016. Providing incentives for individual measures became difficult to administer and ensure they were not being used to meet Washington’s additional energy credit requirements. Redesigned the new homes program to push folks into the Performance Path offering.	<u>Qualification:</u> <ul style="list-style-type: none"> • > 9.0 HSPF <u>Customer/Builder Incentive:</u> <ul style="list-style-type: none"> • \$250 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	N/A
Windows	Measure retired due to the 2015 Washington code going into effect on July 1, 2016. Providing incentives for individual measures became difficult to administer and ensure they were not being used to meet Washington’s additional energy credit requirements. Redesigned the new homes program to push folks into the Performance Path offering.	<u>Qualification:</u> <ul style="list-style-type: none"> • Install windows with a U-Factor < 0.22. Home must have electric heat pump. <u>Customer/Builder Incentive:</u> <ul style="list-style-type: none"> • \$1.00/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	N/A
Ductless Heat Pump	Measure retired due to the 2015 Washington code going into effect on July 1, 2016. Providing incentives for individual measures became difficult to administer and ensure they were not being used to meet Washington’s additional energy credit requirements. Redesigned the new homes program to push folks into the Performance Path offering.	<u>Qualification:</u> <ul style="list-style-type: none"> • > 9.0 HSPF, single-head or multi-head unit <u>Customer/Builder Incentive:</u> <ul style="list-style-type: none"> • \$1,300 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	N/A
Notes for New Homes	Clarified implementation details.	<ul style="list-style-type: none"> • See additional installation 	<ul style="list-style-type: none"> • See additional installation requirements on program website.

Program Modifications – Single Family New Homes Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Incentive Table		requirements on program website. <ul style="list-style-type: none"> • For heat pump water heaters, incentives vary by tier qualification, see website for incentive tiers. • For heat pump water heaters, see program website for qualified products list. • Customers with both electric heat and electric cooling are eligible for the incentives for electrically heated homes only. • New homes receiving whole performance path incentives are not eligible for any other incentives in the new homes table. 	<ul style="list-style-type: none"> • Incentives for performance path 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 clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed. • Heating and cooling incentives may not be combined for new homes.

Table 7 – Single Family Water Heating Incentive Table Modifications

Program Modifications – Single Family Water Heating Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Heat Pump Water Heater	<p>Aligned with most recent RTF workbook. (ResHPWH_v3_4_4_5_17). Restricted qualification to tier 3 and above as product availability for lower tiers have lessen.</p> <p>Tiered incentives. Allowed flexibility to provide the incentive between the customer and the market partner.</p> <p>Added direct install and mid/upstream to available delivery methods.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Northern Climate Specification qualified <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> Up to \$600 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$200 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Northern Climate Specification Tier 3 and above <u>Previous heat pump water heater must have been an electric storage water heater</u> <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> Tier 3: \$600 Tier 4 and higher: \$800 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Direct Install Downstream Mid/Upstream
Low-Flow Showerheads	<p>Aligned with most recent RTF workbook. (Showerheads_v3_1_11_17_16). Removed the retail specific maximum incentive.</p>	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Flow rate \leq 2.00 GPM <p><u>Incentive (Customer and/or Mid-Market):</u></p> <ul style="list-style-type: none"> Direct Install/Mail by Request: Up to \$15 Retail: Up to \$4 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	<p><u>Qualification (Unchanged):</u></p> <ul style="list-style-type: none"> Flow rate \leq 2.00 GPM <p><u>Market Partner Incentive:</u></p> <ul style="list-style-type: none"> Up to \$15.00 <p><u>Available Delivery Methods (Unchanged):</u></p> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream
Low-Flow Aerators	<p>No available RTF workbook for aerators, aligned savings listed on Table 43 (pg. 44) with the 2013/2014 Washington Home Energy Savings Program Evaluation. Removed the retail specific maximum incentive.</p>	<p><u>Qualification:</u></p> <p>Flow rate $<$ 1.50 GPM</p> <p><u>Incentive (Customer and/or Mid-Market):</u></p> <ul style="list-style-type: none"> Direct Install/Mail by Request: Up to \$5 Retail: Up to \$1 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Kitchen Aerator: Flow Rate \leq 1.50 GPM Bath Aerator: Flow Rate \leq 0.50 GPM <p><u>Market Partner Incentive:</u></p> <ul style="list-style-type: none"> Up to \$5.00 <p><u>Available Delivery Methods (Unchanged):</u></p> <ul style="list-style-type: none"> Direct Install Mail-By-Request Upstream
Notes for Water	Clarified implementation details.	<ul style="list-style-type: none"> For heat pump water heaters, see program 	<ul style="list-style-type: none"> Incentives for heat pump water heater

Program Modifications – Single Family Water Heating Incentives			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Heating Table		<p>website for qualified products list.</p> <ul style="list-style-type: none"> • For heat pump water heaters, incentives vary by tier qualification. See website for incentive tiers. • Mail-by-request and direct install are offered on an initiative basis and may not be available for the entire year. See program website for availability information. • Mid-market incentives for low-flow showerheads and low-flow aerators apply to mail-by-request and direct install. 	<p>measures apply to downstream, mid/upstream, or direct install. The availability of water heating incentives requires an existing electric water heater. Direct install will be offered on an initiative basis and may not be available for the entire year. See program website for availability information.</p> <ul style="list-style-type: none"> • Incentives for heat pump water heaters may be paid to the customer, retailer/dealer, and/or manufacturer and may be split between customer retailer/dealer, and/or manufacturer. The sum of 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 low-flow showerheads and low-flow aerators, apply to upstream, mail-by-request, and/or direct install. Mail-by-request and direct install will be offered on an initiative basis and may not be available for the entire year. See program website for availability information. • See additional installation requirements on program website.

Table 8 – Manufactured Homes Incentive Table Modifications

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Central Air Conditioner with Best Practice Installation and Sizing	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. As there was no available RTF workbook for central air conditioners, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Evaluation.	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 15 SEER • Central air conditioner must be installed and sized per program’s requirements <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$300.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream
Duct Sealing (Not Direct Install) Formerly: Duct Sealing (customer)	Aligned with most recent RTF workbook. (ResMHPerformanceDuctSeal_v 3_8_8_15 & ResMHHeatingCoolingDuctSeal_Protocol). Added mid/upstream to available delivery methods.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Must have ducted electric heating system serving at least 80% of the home’s floor area. Installation must be completed by a participating or qualified contractor. <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$300 for electrically heated homes <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$0.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Home’s primary heat source must be either a ducted heat pump or electric forced air furnace • Existing ducts must be unsealed. Duct sealing must be done per program’s requirements <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$300.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/upstream
Duct Sealing (direct install)	Aligned with most recent RTF workbook. (ResMHPerformanceDuctSeal_v 2_2 & ResMHHeatingCoolingDuctSeal_Protocol).	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Must have ducted electric heating system serving at least 80% of the home’s floor area. Service is provided by one or more contractors who will perform the work at no cost to the customer on a firm fixed price basis not exceeding the incentive and meet additional program requirements including completing additional trainings. 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • Home’s primary heat source must be either a ducted heat pump or electric forced air furnace • Existing ducts must be unsealed. Duct sealing must be done per program’s requirements <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • Up to \$500

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.00 <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • Up to \$500 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Direct Install 	<u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Direct Install
Electronic Line Voltage Thermostat	Add a new RTF measure. Aligned with most recent RTF workbook (ResSFElectronicTStats_v3_1_11_17_16)	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • Must meet Bonneville Power Administration (BPA) specifications • Home’s primary heating source must be an electric zonal heating system. • <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$60.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream
Evaporative Coolers – 2,000-3,499 CFM	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Evaluation.	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • 2,000-3,499 CFM <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$100.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream
Evaporative Coolers – 3,500+ CFM	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Evaluation.	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • Minimum 3,500 CFM (must be the primary cooling source) <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$300.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/upstream

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Federal Standard Heat Pump Conversion with Best Practice Installation and Sizing	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with RTF workbook (ResSFExistingHVAC_v4_1_7_18_16) which now has the federal standard as an efficient case option.	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> For replacement of existing electric furnace with new federal standard efficiency heat pump. Heat pump must include best practice installation and proper sizing. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$1,300.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/upstream
9.0+ HSPF Heat Pump Conversion with Best Practice Installation and Sizing Formerly: Heat Pump Conversion	Updated measure name. Aligned with most recent RTF workbook. (ResMHEExistingHVAC_v3_4_3_1_17 & ResHeatingCoolingCommissioningControlsSizing SF). Clarified qualification details. Increased total available incentives.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> ≥ 9.0 HSPF / 14 SEER <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$1,250.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$500.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> For replacement of existing electric furnace with new high efficiency heat pump. ≥ 9.0 HSPF must include best practices installation and proper sizing. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$2,000.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Ductless Heat Pumps	Aligned with most recent RTF workbook. (ResDHPonFAF_v1_5_12_2_16 & ResMHEExistingZonalDHP_v2_1_7_18_16). Added mid/upstream to available delivery methods.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> ≥ 9.0 HSPF <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$1,000.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> \$300 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> ≥ 9.0 HSPF <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$1,300.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Heat Pump Commission	Introduced manufactured homes specific measure for ease of implementation to facilitate	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Heat pump must be new and

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
ing Controls Sizing	targeted marketing. Aligned with most recent RTF workbook. (ResHeatingCoolingCommissioningControlsSizingSF_v3_6_12_2_16).		<p>commissioning, controls, and sizing be completed per program requirements</p> <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$250.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Heat Pump Upgrade	Aligned with most recent RTF workbook. (ResMHExistingHVAC_v3_4_3_1_17). Added mid/upstream to available delivery methods.	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 9.0 HSPF / 14 SEER <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$150.00 <p><u>Mid-Market Incentive:</u></p> <ul style="list-style-type: none"> • \$100.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • ≥ 9.0 HSPF must include best practices installation and proper sizing <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> • \$300.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Insulation – Attic (R-0 to R-22)	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMHWeatherization_v4_3_12_3_16).	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • $R_{\text{initial}} = 0$ • $R_{\text{final}} \geq 22$ • Homes' primary heating must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive. <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> • \$0.50/sf <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> • Downstream
Insulation – Attic (R-11 to R-30)	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMHWeatherization_v4_3_12_3_16).	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> • $R_{\text{initial}} \leq 11$ • $R_{\text{final}} \geq 30$ • Homes' primary heating must be either a heat pump, electric forced air, zonal, or

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			ductless heat pump system to qualify for the electrically heated incentive. <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.60/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream
Insulation - Floor	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMHWeatherization_v4_3_12_3_16).	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} = 0$ • $R_{final} \geq 22$ • Homes' primary heating must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify for the electrically heated incentive. <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.30/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream
Air Sealing	Retired measure due to low market interest and most recent RTF workbook provided lower UES values resulting in low cost-effectiveness.	<u>Qualification:</u> Air seal entire home per program requirements <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.30/sf. <u>Mid-Market Incentive:</u> <ul style="list-style-type: none"> • \$0.00/sf. <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream 	N/A
New High Performance	Measure retiring due to market no longer offering product.	<u>Qualification:</u> Home must receive High Performance certification through NEEM. <u>Incentive (Customer and/or Mid-Market):</u> <ul style="list-style-type: none"> • Up to \$2,000.00 <u>Available Delivery Methods:</u>	N/A

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
		<ul style="list-style-type: none"> Downstream 	
New ENERGY STAR	Aligned with most recent RTF workbook. (ResMHNewHomesandHVAC_v3_3_6_15_17).	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Home must receive ENERGY STAR certification. <p><u>Incentive (Customer and/or Mid-Market):</u></p> <ul style="list-style-type: none"> Up to \$1,000.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Home must be new and have received ENERGY STAR certification. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$2,000.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
New Homes, Eco-rated Homes	Aligned with most recent RTF workbook. (ResMHNewHomesandHVAC_v3_3_6_15_17).	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Home must receive Eco-rated certification through NEEM. <p><u>Incentive (Customer and/or Mid-Market):</u></p> <ul style="list-style-type: none"> Up to \$1,250.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream 	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Home must be new and have received Eco-rated certification through NEEM. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> Up to \$2,200.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Smart Thermostat	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResConnectedTstat_v1.2_4_5_17_16).	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> Wi-fi enabled, programmable, online dashboard and/or mobile device app, occupancy sensor. <p><u>Customer/Market Partner Incentive:</u></p> <ul style="list-style-type: none"> \$50.00 <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream Mid/Upstream
Windows	Introduced manufactured homes specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMHWeatherization_v4_3_12_3_16).	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> U-factor of 0.25 or lower. Home's primary heat source must be either a heat pump, electric forced air, zonal, or

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			ductless heat pump system to qualify. <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.65/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream
Notes for manufactured homes table	Clarified implementation details.	<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 customer 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. • Mid-market incentives for manufactured homes apply to customer, contractor, or builder. • See additional installation requirements on program website. • 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 need exceed the incentive. No additional costs will be billed to the customer. 	<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 non-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. • Incentives for central air conditioner, not-direct install duct sealing, electronic line voltage, evaporative cooler, ductless heat pump, heat pump, and smart thermostat measures apply to downstream or mid/upstream. Only one incentive will be provided per unit. • Incentives for central air conditioner, not-direct install duct sealing, electronic line voltage, evaporative cooler, ductless heat pump, heat pump, and smart thermostat may be paid to the customer, dealer, manufacturer, and/or trade ally and

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<p>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.</p> <ul style="list-style-type: none"> • 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 will not exceed the amounts listed in the table. The end use customer portion of the incentive will be clearly displayed on the web site with applicable dates. The end use customer portion of the incentive may be changed. • See additional installation requirements on program website. • 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

Program Modifications – Manufactured Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			exceed the incentive. No additional costs will be billed to the customer.

Table 9 – Multifamily Homes Incentive Table Modifications

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
Evaporative Coolers – 2,000-3,499 CFM	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Home Energy Savings Program Evaluation.	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • 2,000-3,400 CFM <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$50.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Evaporative Coolers – 3,500 CFM	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. As there was no available RTF workbook for evaporative coolers, aligned savings listed on Table 15 (pg. 18) with the 2013/2014 Washington Home Energy Savings Program Evaluation.	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • Minimum 3,500 CFM (must be the primary cooling source) <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$250.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Ductless Heat Pump	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResDHPonFAF_v1_5_12_2_16 & ResSFExistingHVAC_v4_1_7_18_16).	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • ≥ 9.0 HSPF, single-head or multi-head unit. • Home’s previous primary heating source must be either have been an electric forced air furnace or a zonal electric system. <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$1,300.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Electronic Line Voltage Thermostat	Aligned with most recent RTF workbook (ResSFElectronicTStats_v3_1_11_17_16)	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • Must meet Bonneville Power Administration

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			(BPA) specifications. <u>Customer/Market Partner Incentive:</u> <ul style="list-style-type: none"> • \$60.00 <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream • Mid/Upstream
Insulation – Attic	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMFWeatherization_v3_3_3_28_17).	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} \leq 19$ • $R_{final} \geq 49$ • Homes’ primary heating must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify for the electrically heated incentive. <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.30/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream
Insulation – Floor (to R-19)	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMFWeatherization_v3_3_3_28_17).	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} = 0$ • $R_{final} \geq 19$ • Homes’ primary heating must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify for the electrically heated incentive. <u>Customer Incentive:</u> <ul style="list-style-type: none"> • \$0.20/sf <u>Available Delivery Methods:</u> <ul style="list-style-type: none"> • Downstream
Insulation – Floor (to R-30)	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. Aligned with most	N/A	<u>Qualification:</u> <ul style="list-style-type: none"> • $R_{initial} = 0$ • $R_{final} \geq 30$

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
	recent RTF workbook. (ResMFWeatherization_v3_3_3_28_17).		<ul style="list-style-type: none"> Homes' primary heating must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify for the electrically heated incentive. <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$0.30/sf <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream
Insulation – Wall	<p>Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing.</p> <p>Aligned with most recent RTF workbook. (ResMFWeatherization_v3_3_3_28_17).</p>	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> $R_{initial} = 0$ $R_{final} \geq 11$ or fill cavity Homes' primary heating must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify for the electrically heated incentive. <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$0.40/sf <p><u>Available Delivery Methods:</u></p> <ul style="list-style-type: none"> Downstream
Windows	<p>Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing. Aligned with most recent RTF workbook. (ResMFWeatherization_v3_3_3_28_17).</p>	N/A	<p><u>Qualification:</u></p> <ul style="list-style-type: none"> U-factor of 0.25 or lower. Home's primary heat source must be either a heat pump, electric forced air, electric zonal, or ductless heat pump system to qualify. <p><u>Customer Incentive:</u></p> <ul style="list-style-type: none"> \$0.65/sf <p><u>Available Delivery Methods:</u></p>

Program Modifications – Multifamily Homes Incentive			
Measure Name	Description of Changes	Current Offering	Revised Offerings
			<ul style="list-style-type: none"> • Downstream
Notes for Multifamily Homes Table	Introduced multifamily specific measure for ease of implementation to facilitate targeted marketing.	N/A	<ul style="list-style-type: none"> • Incentives for electronic line voltage and ductless heat pump, heat pump measures apply to downstream or mid/upstream. Only one incentive will be provided per unit. • Incentives for electronic line voltage 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 clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed. • See additional installation requirements on program website.