ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

1407 W. North Temple, Suite 330
Salt Lake City, Utah 84116

November 1, 2016

VIA ELECTRONIC FILING
AND HAND DELIVERY

Public Service Commission of Utah
Heber M. Wells Building, 4th Floor
160 East 300 South
Salt Lake City, UT 84114

Attn: Gary Widerburg
Commission Secretary

RE: Advice No. 16-12
Proposed Changes to Schedule 110, New Homes Program and Schedule 111, Home Energy Savings Program
Docket No. 16-035-__

Enclosed for filing are an original and five (5) copies of proposed tariff sheets associated with Tariff P.S.C.U No. 50 of PacifiCorp, d.b.a. Rocky Mountain Power (the "Company"), applicable to electric service in the State of Utah. Pursuant to the requirement of Rule R746-405-2(D), the Company states that the proposed tariff sheets do not constitute a violation of state law or Commission rule. Electronic versions of this filing will also be provided to psc@utah.gov. The Company respectfully requests an effective date of December 1, 2016 for these changes.

Fifth Revision of Sheet No. B.1	Index	Electric Service Schedules
CANCELATION of Sheet No. 110.1	Schedule 110	New Homes Program
CANCELATION of Sheet No. 110.2	Schedule 110	New Homes Program
CANCELATION of Sheet No. 110.3	Schedule 110	New Homes Program
First Revision of Sheet No. 111.1	Schedule 111	Home Energy Savings Program
Third Revision of Sheet No. 111.2	Schedule 111	Home Energy Savings Program
Second Revision of Sheet No. 111.3	Schedule 111	Home Energy Savings Program
Second Revision of Sheet No. 111.4	Schedule 111	Home Energy Savings Program
Second Revision of Sheet No. 111.5	Schedule 111	Home Energy Savings Program
Second Revision of Sheet No. 111.6	Schedule 111	Home Energy Savings Program
CANCELATION of Sheet No. 111.7	Schedule 111	Home Energy Savings Program

The purpose of this filing is to propose changes to the Home Energy Savings Program ("HES Program"), consolidate the New Homes Program within the HES Program, and cancel Electric Service Schedule 110. The New Homes and HES Programs are administered through Electric Service Schedule Nos. 110 and 111, respectively. The proposed changes to Schedule 111 involve adding new construction measures as part of consolidating the New Homes Program, updating/adding/retiring lighting and non-lighting measures, adding a midstream delivery channel for non-lighting measures, restructuring/renaming the tariff sheets to be better organized and consistent with the structure of the ***watt***smart Business tariff sheets, administered through Schedule

No. 140, Non-Residential Energy Efficiency, and reduce the amount of time customers have to submit application after the date of purchase. These tariff changes align with targets illustrated in Figure 1 below, filed in the Demand Side Management ("DSM") November 1st Deferred Account and Forecast Report on November 2, 2015, in Docket No. 15-035-48. Proposed changes to the Schedules 110 and 111 tariff sheets are included as Exhibits A and B, respectively.

Figure 1 – 2016 Budget and Savings Forecast from Nov 1st Report

***	2016 MWH Savings Forecast (at Gen)	2016 Budget Forecast
Total DSM Programs	365,132	$ 65,299,812

DESCRIPTION OF CHANGES

Proposed adjustments are listed below, with further explanation provided in subsequent sections.

1. Restructure Schedule 111 by separating measure offerings into separate tables, rename Schedule 111 as Residential Energy Efficiency, and market Schedule 111 as ***watt***smart Homes;
2. Cancel the Schedule 110 New Homes Program tariff sheets and consolidate cost-effective new construction measures within Schedule 111 under a new design;
3. Change Lighting incentives by retiring CFL offerings and lowering maximum incentives for LED bulbs;
4. Change Appliance incentives by retiring offerings for Clothes Washers, Refrigerators, and Freezers, and updating offerings for Heat Pump Water Heaters and Advanced Power Strips;
5. Change Building Envelope incentives by retiring offerings for Windows and Air Sealing, and adding a new offering for Smart Thermostats;
6. Change HVAC incentives by retiring offerings for Whole Home Upgrade, Whole House Ducted Evaporative Coolers, Best Practice Install and Proper Sizing for Central Air Conditioners, and most Duct Sealing, and updating offerings for Gas Furnaces, Evaporative Coolers, Central Air Conditioners, Heat Pumps, and Duct Sealing; and
7. Offer current Insulation measures through Questar Gas Company's proposed Direct Install Weatherization Pilot Program.

RESTRUCTURING AND RENAMING OF SCHEDULE 111

Currently, Schedule 111 consists of a single table containing all offerings. To better organize and create clarity, it is proposed to group correlated offerings together in categorized tables, such as Lighting, HVAC, Building Envelope, and New Construction. This is consistent with the structure of Schedule 140, Non-Residential Energy Efficiency. To create further consistency among DSM programs, it is also proposed to rename Schedule 111 from HES to Residential Energy Efficiency, and market the program as ***watt***smart Homes, similar to how Schedule 140 is marketed as ***watt***smart Business.

CONSOLIDATION OF NEW HOMES PROGRAM UNDER SCHEDULE 111

The Company proposes to shift to a new program design for new construction measures, moving away from standalone measures, with a few key exceptions, to a Home Energy Rating System ("HERS"), and consolidate new construction offerings under Schedule 111 to keep all residential offerings together, similar to the consolidation of DSM business programs into Schedule 140 in Docket No. 13-035-89. The new program design will make participation easier for customers and lower administrative costs for new construction measures.

Design Overview

Under the previous New Homes Program design, the program included a number of low-savings measures with high administrative processing costs, resulting in a high cost per kilowatt hour for many offerings. Significant time was also spent working with owner builders who required extensive support with their participation, creating additional cost to the New Homes Program. The new program design will be based on HERS index whole-home performance measures applicable to newly constructed single and multi-family homes. The HERS index is a scoring system for home efficiency that is based on a software analysis of home plans that takes into consideration all details of the home such as: orientation, insulation values, window to wall ratio, HVAC efficiency, water heating efficiency, envelope tightness, duct leakage, and lighting efficiency. The process of assigning a HERS score also involves a pre-sheetrock inspection as well as a blower door test and duct blaster test. The new program design will realize the following benefits:

- Allow builders flexibility in reaching measure compliance, in turn allowing for broader program participation;
- Customer applications will be submitted by trained HERS raters, rather than coming directly from customers, effectively lowering administrative costs and minimizing incomplete applications;
- Incentivizes Whole Home efficiency, instead of single measures while reducing administrative costs;
- Leverages program resources for marketing efficiencies;
- Moving standalone measures from a downstream post-purchase application to a mid-market offering in 2017 will make participation easier for builders by removing application paperwork.

Incentives

Table 5 from the proposed Schedule 111 changes is provided below, which provides that incentives will be offered for new construction whole home upgrades based on ENERGY STAR certification and HERS Index ratings. Standalone measures for central air conditioners and gas furnaces with electronically commutated motors will also be offered.

Table 5 – New Construction Incentives

Measure Type	Minimum Efficiency Requirement	Customer/Mid-Market Incentive ("up to")			
		Electrically Heated		Electrically Cooled	
		Single-Family	Multi-Family	Single-Family	Multi-Family
Central Air Conditioner	≥ 15 SEER	$100	$75	$100	$75
Gas Furnace	≥ 95% AFUE gas furnace with ECM	--	--	$150	$100
Whole Home	ENERGY STAR 3.0 Certification	$25	$20	$25	$20
	HERS Index 56-62	$350	$200	$175	$100
	HERS Index 49-55	$600	$400	$300	$200
	HERS Index 48 or lower	$1000	$600	$500	$300

Central Air Conditioner Incentives. Add a standalone measure offering for new construction in Schedule 111 for Central Air Conditioners based on Seasonal Energy Efficiency Ratio ("SEER") ratings. The initial offered incentive for single-family homes will be $100 with a maximum of $100. The initial offered incentive for multi-family homes will be $75 with a maximum of $75. This incentive measure will initially be provided through a post-purchase application for customers, but is expected to move to a mid-market delivery channel in 2017.

Gas Furnace. Add a standalone measure offering for new construction in Schedule 111 for Gas Furnaces with Electronically Commutated Motors ("ECM"). The initial offered incentive for single family homes will be $150 with a maximum of $150. The initial offered incentive for multi-family homes will be $100 with a maximum of $100. These incentives will initially be provided through a post-purchase application for customers, but is expected to move to a mid-market delivery channel in 2017.

Whole Home. Add Whole Home measure offerings for new construction in Schedule 111 based on ENERGY STAR certification and HERS ratings. The initial offered and maximum incentives for single-family electrically cooled homes and electrically heated homes will be $25, $175, $300, or $500 and $25, $350, $600, or $1,000, respectively, depending upon ENERGY STAR Certification or HERS Index achieved. The initial offered and maximum incentives for multi-family electrically cooled homes and electrically heated homes will be $20, $100, $200, or $300 and $20, $200, $400, or $600, respectively, depending upon ENERGY STAR Certification or HERS Index achieved. Whole Home incentives will be provided through a post-purchase application for customers.

Marketing

HERS raters will market new construction offerings to builders they work with, minimizing marketing costs. HERS raters will also be provided with marketing materials for the entire ***watt***smart Homes Program to create more awareness among customers of program offerings. The ***watt***smart Homes Program will also leverage home builder associations to market offerings at little to no cost, further minimizing marketing costs for the ***watt***smart Homes Program. The Company will also work with Questar Gas to offer annual meetings with home builders and raters to provide updates and current information on ***watt***smart Homes Program offerings.

Customer Participation

Historically, participation in the New Homes Program for the past decade has been 2,000-3,000 homes per year. With the new HERS design for the program, there's a new participation potential of over 12,000 homes per year. The HERS design is also anticipated to drive participation in that building codes already have a HERS index compliance path for energy codes, and many builders already use HERS raters for blower door and duct blaster tests required for code compliance making it easy for builders to also use HERS raters for program offerings.

CHANGES TO LIGHTING MEASURES

Lighting measures are being consolidated into Table 1 below. LED technology has become the predominant lighting technology in energy efficiency projects, and it is anticipated for this trend to continue. Long lamp life (30,000 hrs+), reduced lifetime maintenance costs, absence of hazardous materials (i.e. mercury), controllability, and higher efficacy (lumens/watt) and decreasing costs relative to traditional technologies have contributed to a shift toward using LED products. To address the continuing and rapid shift to more efficient LED technologies, it is proposed to remove CFLs from program offerings and only keep LED options, as shown in Table 1 below. CFL options will also be removed from the current mail-by-request kits offering. The offering for LED Fixtures remains unchanged.

Table 1 – Lighting Incentives

Measure	Equipment Type	Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"
LED	LED General Purpose	ENERGY STAR Qualified	$12/lamp
	LED - Specialty	ENERGY STAR Qualified	$12/lamp
	LED Fixtures	ENERGY STAR Qualified	$10/fixture

LED General Purpose. Continue to offer LED General Purpose incentives through the mid-market channel, but lower the incentive to pay a maximum of $12 per lamp. The offered incentives depend on the type of bulb and wattage, and can be found on the program website.[1] With the decreasing costs of LED lighting technology, the lower incentive is expected to maintain steady participation in this offering. General purpose LEDs include omnidirectional lamps with or without dimming capability that produce non-colored light.

[1] http://homeenergysavings.net/homeowner/categories/in/utah

LED Specialty. Continue to offer LED Specialty incentives through the mid-market channel, but lower the incentive to pay a maximum of $12 per lamp. The offered incentives depend on the type of bulb and wattage, and can be found on the program website. With the decreasing costs of LED lighting technology, the lower incentive is expected to maintain steady participation in this offering. Specialty LEDs include directional light bulbs, multi wattage bulbs (three way lights), and bulbs that produce light that is not white.

CHANGES TO APPLIANCE MEASURES

Appliance measures are being consolidated into Table 2 below. Offerings for Room Air Conditioners, Low Flow Showerheads and Low Flow Aerators remain unchanged. Due to the high cost per kWh savings and low participation, offerings for Clothes Washers, Refrigerators, and Freezers are proposed to be retired effective January 1, 2017.

Table 2 – Appliance Incentives

Equipment Type	Sub-Category	Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"
Clothes Washer	--	CEE Tier 2 and above	$50*
Refrigerator	(7.75 cu. ft. – 32 cu. ft.)	CEE Tier 3	$100*
Room Air Conditioner	--	ENERGY STAR Qualified	$20
Freezer	--	ENERGY STAR Qualified	$50*
Heat Pump Water Heater	Non-Self Install	AWHS Tier 1 ≤ 55 gallons	$575
		AWHS Tier 2 and above ≤ 55 gallons	$700
	Self-Install	AWHS Tier 1 ≤ 55 gallons	$400
		AWHS Tier 2 and above ≤ 55 gallons	$550
Low Flow Showerhead	--	Flow Rate ≤ 2.0 GPM	$31
	With Thermostatic Valve	Flow Rate ≤ 1.5 GPM	$54
Low Flow Aerator	--	Flow Rate ≤ 1.5 GPM	$5
Advanced Power Strip	Load Sensing	--	$10
	Occupancy Sensing	--	$32
	Infrared Sensing	--	$32

*Incentive to be retired January 1, 2017.

Heat Pump Water Heaters. Update the offering for Heat Pump Water Heaters to be based on Advanced Water Heater Specification ("AWHS") Tiers. For equipment installed by a qualifying Trade Ally, the maximum incentives will be $575 and $700 with initial incentive offerings of $575 and $700 for AWHS Tiers 1 and 2, respectively. For equipment that is self-installed, the maximum incentives will be $400 and $550 with initial incentive offerings of $400 and $550 for AWHS Tiers 1 and 2, respectively. This offering is expected to move to the mid-market channel in 2017.

Advanced Power Strips. Update the offering for Advanced Power Strips to pay maximum incentives of $10, $32, and $32 for load sensing, occupancy sensing, and infrared sensing, respectively, with initially offered incentives set at the proposed maximum amounts. Higher

incentives are paid for the occupancy sensing and infrared sensing because of higher modeled savings values associated with these products.

CHANGES TO BUILDING ENVELOPE MEASURES

Building Envelope measures are being consolidated into Table 3 below. Due to high cost per kWh savings and low participation, offerings for Windows and Air Sealing are proposed to be retired effective January 1, 2017.

Table 3 – Building Envelope Incentives

Measure Type	Sub-Category	Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"
Air Sealing	Electric Heat	--	$0.20/square foot*
Windows	Electric Heat	U-Factor of ≤ 0.22	$2.00/square foot*
	Electric Cooling	U-Factor of ≤ 0.30	$0.50/square foot*
		U-Factor of ≤ 0.22	$1.00/square foot*
Smart Thermostat	Electric Cooling	Smart thermostats must be Wi-Fi enabled, programmable, online dashboard and/or mobile device app, with occupancy sensor enabled.	$50
	Electric Heat		$100

*Incentive to be retired January 1, 2017.

Smart Thermostats. Add a Smart Thermostat offering to pay a maximum of $50 and $100 for electrically cooled and electrically heated homes, respectively. Initially offered incentives will be $25 and $100 for electrically cooled and electrically heated homes, respectively.

- Smart thermostats utilize outside temperature information and occupancy sensing to minimize HVAC runtimes. National third party studies[2] inform on the savings smart thermostats can achieve. Modeled savings for smart thermostats in electrically heated homes is significantly higher than for a gas heated home allowing for a higher incentive. Smart thermostats are increasingly popular and are a relatively inexpensive way for homeowners to participate in energy efficiency programs and become more aware of other potential offerings. This offering is aligned with the budget and savings forecast provided in Figure 1 above.

CHANGES TO HVAC INCENTIVES

HVAC measures are being consolidated into Table 4 below. Due to high cost per kWh savings and low participation, offerings for Whole Home Upgrade, Whole House Ducted Evaporative Coolers, Best Practice Install and Proper Sizing for Central Air Conditioners, and all Duct Sealing measures except for existing manufactured homes with electric heat are proposed to be retired effective January 1, 2017. Current offerings for Central Air Conditioner SEER incentives, Heat Pump Upgrades, and Ductless Heat Pumps remain unchanged.

[2] *http://www.cadmusgroup.com/wp-content/uploads/2015/06/Cadmus_Vectren_Nest_Report_Jan2015.pdf?submissionGuid=c8eda45b-2759-4a31-90e3-d2ecdb9001de*

Table 4 – HVAC Incentives

Measure Type	Sub-Category		Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"
Gas Furnace	--		≥ 95% AFUE gas furnace with ECM	$300
	ECM on Existing furnace		--	$150
Whole Home Upgrade	--		--	$1,000*
Evaporative Cooler	First time install	Non-Self Install	≥ 3,500 CFM	$500
		Self-Install	≥ 3,500 CFM	$400
	Replacement	Non-Self Install	≥ 3,500 CFM	$500
		Self-Install	≥ 3,500 CFM	$400
	Premium	Non-Self Install	≥ 3,500 CFM	$650
		Self-Install	≥ 3,500 CFM	$500
	Whole-House Ducted	Non-Self Install	≥ 3,500 CFM	$1,300*
		Self-Install	≥ 3,500 CFM	$1,000*
	Multi-Family		≥ 2,000 CFM	$100
	Portable		≥ 2,000 CFM	$200
Central Air Conditioner	--		≥ 15 SEER	$125
	--		≥ 17 SEER	$200
	--		≥ 20 SEER	$400
	Best Practice Install and Proper Sizing		--	$150*
Heat Pump	Upgrade		≥ 9.0 HSPF, ≥15 SEER	$250
			≥ 9.5 HSPF, ≥ 16 SEER	$600
	Conversion		≥ 9.0 HSPF, ≥15 SEER	$750
			≥ 9.5 HSPF, ≥ 16 SEER	$850
	Ductless	Supplemental Heat	≥ 9.5 HSPF, ≥ 16 SEER	$500
	Ductless	Single-Head	≥ 9.5 HSPF, ≥ 16 SEER	$1,300
	Ductless	Multi-Head	≥ 9.5 HSPF, ≥ 16 SEER	$1,800
	Multi-Family Ductless	Single/Multi-Head	≥ 9.5 HSPF, ≥ 16 SEER	$400
Duct Sealing	Electric Heat	--	$R_{initial}$ ≥ R-2	$400*
		With Insulation	--	$800*
		Existing Manufactured Home	--	$500
		New Manufactured Home	ENERGY STAR Qualified	$1,000*
	Electric Cooling	With Insulation	--	$120*
		Existing Manufactured Home	--	$200*
		New Manufactured Home	ENERGY STAR Qualified	$500*

*Incentive to be retired January 1, 2017.

Gas Furnaces. Increase the maximum incentive to be $300 for new gas furnaces with Electrically Commutated Motors ("ECM") to provide flexibility and agility for the offering in response to market changes. The initial offered incentive will be $150. This offering is expected to move to the mid-market channel in 2017.

Evaporative Coolers. Differentiate Evaporative Cooler incentives between self-installations and those installed by a qualified Trade Ally. Maximum incentives will be $400 for first time self-installations and replacements, and $500 for premium units self-installed. Initially offered incentives for first time self-installations and replacements will be $300, and $400 for premium units self-installed. It is also proposed to add a specific offering to the multi-family sector for Evaporative Coolers with ratings greater than or equal to 2,000 cubic feet per minute ("CFM"). The maximum incentive will be $100 with an initial offering of $100. Evaporative Cooler offerings are expected to move to the mid-market channel in 2017.

- The current Evaporative Cooler incentives were designed to account for some of the installation costs. For customers who decide to self-install, they will not incur installation costs from qualified Trade Allies. Accordingly, a lower incentive amount for self-installations is appropriate. The specific offering for multi-family residences is intended to better capture savings from the multi-family sector.

Central Air Conditioners. Expect to provide the offering for Central Air Conditioners through the mid-market channel in 2017.

Heat Pumps. Increase the incentive for Heat Pump Conversions to pay a maximum of $750 and $850 depending on units' efficiency as described in Table 4 above. The initially offered incentives will be $750 and $850, respectively. Additionally, provide a multi-family specific Ductless Heat Pump offering to through the mid-market channel to pay a maximum of $400 with an initial offering of $400.

- The Heat Pump conversion measure incentives were increased to be in line with the significant savings that comes from converting homes from resistance heat to a heat pump. The multi-family specific offering for Ductless Heat Pumps is intended to better capture savings from the multi-family sector.

Duct Sealing. Reduce the incentive for existing manufactured homes with electric heat to pay a maximum of $500 with an initial offered incentive of $500.

- Savings for duct sealing measures has decreased by 33 percent pursuant to the most recent Regional Technical Forum Measure Workbook version 2.2. Accordingly, the incentive amount is being reduced to align with the lower savings achieved by this measure.

INSULATION INCENTIVE POTENTIAL PARTNERSHIP

Insulation measures are being consolidated into Table 6 below and incentive levels are not changing. Due to high cost per kWh savings and low participation, Rocky Mountain Power intends to provide insulation measures to through Questar Gas Company's ("Questar") proposed Direct Install Weatherization Pilot Program, if approved in Questar's Docket No. 16-057-15, as further explained below.

Table 6 – Insulation Incentives

Measure Type	Sub-Category	Equipment Type	Minimum Efficiency Requirement	Customer/Mid-Market Incentive "up to"	
				Non-Self Install	Self-Install
Insulation	Residences with Electric Heat	Attic/Ceiling Insulation	Existing R-20 or less, final R-38 or greater	$0.65/square foot	$0.40/square foot
		Wall Insulation	Existing R-10 or less, add R-13	$0.65/square foot	$0.45/square foot
		Floor Insulation	Existing R-18 or less, Final R-30 or greater	$0.65/square foot	$0.25/square foot
	Residences with Electric Cooling	Attic/Ceiling Insulation	Existing R-20 or less, final R-38 or greater	$0.10/square foot	$0.10/square foot
		Wall Insulation	Existing R-10 or less, add R-13	$0.25/square foot	$0.20/square foot

On October 18, 2016, Questar filed an Application in Docket No. 16-057-15 ("Application") requesting approval for their 2017 budget for energy efficiency programs, including a proposed 3-year Direct Install Weatherization Pilot Program ("Pilot Program").[3] As further described in the Application, there is a trend of decreasing weatherization participation. The Pilot Program is designed to reach communities and customers with historically low participation in weatherization offerings.

Currently, Rocky Mountain Power provides insulation incentives through a post-purchase application process with higher administrative costs. In an effort to increase participation, reduce administrative costs, and maximize cost-effectiveness for weatherization measure offerings to customers, Rocky Mountain Power is evaluating partnering with Quester on their Pilot Program to develop and provide combined direct-install weatherization incentives for targeted communities and customers in lieu of providing insulation incentives through the current post-purchase application process. The proposed direct-install incentives would not exceed the current Questar and Rocky Mountain Power combined rebate levels for natural gas heated and electrically cooled homes. Questar would begin the Pilot Program by working directly with qualified contractors and low income agencies already in the market. After contractors have completed training in the Pilot Program, they will be directed to communities with low historical participation and higher levels of potential energy savings. If Questar's program is approved, Rocky Mountain Power will work with them to transition program delivery for existing insulation measures within their pilot program. If Questar's program is not approved, program delivery for the existing insulation measures will continue as they currently are.

COST EFFECTIVENESS

Program and measure level cost-effectiveness are attached hereto as Exhibit C. Table 5 below, pulled from Exhibit C, provides the expected cost-effectiveness for the overall Schedule 111 ***watt***smart Homes Program with the proposes changes in this Advice Letter. Table 11 below, also pulled from Exhibit C, presents the expected cost-effectiveness for the redesigned New Homes measures being consolidated into Schedule 111. Sensitivity analyses are included as Exhibits D

[3] Additional details regarding the Pilot Program can be found in Questar's Application and Exhibit 1.5.

and E. Additional detailed inputs and results are included in Exhibits C, D, and E. The new program design for new construction measures is expected to be cost-effective with a benefit/cost ratio of 1.73 from the Utility Cost Test perspective. The overall ***watt***smart Homes Program is expected to remain cost-effective from the Utility Cost Test and Total Resource Cost Test perspectives with benefit/cost ratios of 2.09 and 1.36, respectively.

Table 5 – HES Program Level Cost-Effectiveness Results - Expected Participation

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/ Cost Ratio
Total Resource Cost Test (PTRC)+Conservation Adder	$0.0505	$20,256,693	$30,294,767	$10,038,074	1.50
Total Resource Cost Test (TRC) No Adder	$0.0505	$20,256,693	$27,540,697	$7,284,004	1.36
Utility Cost Test (UCT)	$0.0328	$13,174,429	$27,540,697	$14,366,268	2.09
Rate Impact Test (RIM)		$62,564,411	$27,540,697	-$35,023,714	0.44
Participant Cost Test (PCT)		$22,734,365	$84,150,370	$61,416,005	3.70
Lifecycle Revenue Impacts ($/kWh)	$0.0001369352				
Discounted Participant Payback (years)	2.81				

Table 11 - HES Whole Home Cost-Effectiveness Results - Expected Participation (Decrement - East Residential Whole House - 31%, Load Shape – Residential Whole House)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/ Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.1608	$2,445,738	$1,581,187	-$864,551	0.65
Total Resource Cost Test (TRC) No Adder	$0.1608	$2,445,738	$1,437,443	-$1,008,295	0.59
Utility Cost Test (UCT)	$0.0545	$828,953	$1,437,443	$608,489	1.73
Rate Impact Test (RIM)		$2,709,218	$1,437,443	-$1,271,775	0.53
Participant Cost Test (PCT)		$2,794,090	$2,967,122	$173,032	1.06
Lifecycle Revenue Impacts ($/kWh)	$0.0000019526				
Discounted Participant Payback (years)	32.34				

PROGRAM WEBSITE

Measures to be retired pursuant to this filing will be removed from the Company's program website[4] within their respective categories once effective. Similarly, adjusted incentive levels and initial incentive offerings will also be updated on the website once effective. Finally, the current New Homes Program website[5] will be updated to reflect the new program design and offerings. Exhibit F provides details for expected webpage content upon approval of the new program design and offerings.

[4] http://www.homeenergysavings.net/homeowner/categories/in/utah
[5] https://www.rockymountainpower.net/res/sem/utah/esnh.html

STAKEHOLDER FEEDBACK

On October 25, 2016, a draft filing package for these changes was shared with the DSM Steering Committee, and discussed during the DSM Steering Committee meeting on October 26, 2016. Adjustments were made to the filing package based on feedback received from Steering Committee members. There was a concern brought forth regarding the addition of Smart Thermostats. After careful consideration, the Company chose to continue with the request to add Smart Thermostats as the evidence supports them as a cost effective energy efficiency measure.

It is respectfully requested that all formal correspondence and staff requests regarding this matter be addressed to:

By E-mail (preferred): datarequest@pacificorp.com
michael.snow@pacificorp.com

By regular mail: Data Request Response Center
PacifiCorp
825 NE Multnomah Blvd., Suite 2000
Portland, OR 97232

Informal inquiries regarding this matter may be directed to me at (801) 220-4214.

Sincerely,

Michael S. Snow
Manager, DSM Regulatory Affairs

Enclosures

cc: Division of Public Utilities
Office of Consumer Services