ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

201 South Main, Suite 2300
Salt Lake City, Utah 84111

May 21, 2013

VIA ELECTRONIC FILING
AND OVERNIGHT DELIVERY

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

Attention: Gary Widerburg
Commission Secretary

RE: Rocky Mountain Power's Application to Cancel Electric Service Schedules No. 115, 125, 126, and 192, and Approve Electric Service Schedule No. 140, Non-Residential Energy Efficiency.

Rocky Mountain Power (Company) hereby submits for filing an original and ten copies of Rocky Mountain Power's application for approval authority to cancel Electric Service Schedules No. 115 – Commercial and Industrial Energy Efficiency Incentives Optional for Qualifying Customers, 125 – Commercial and Industrial Energy Services Optional for Qualifying Customers, 126 – Utah Commercial and Industrial Re-Commissioning Program, and 192 – Self-Direction Credit. The Company also respectfully requests approval of a Electric Service Schedule No. 140, Non-Residential Energy Efficiency, with an effective date of July 1, 2013. Also provided are Attachment A and Confidential Attachments B & C with provide additional information in support of the application. Non-confidential electronic versions of this filing will be provided to psc@utah.gov. A CD containing confidential attachments will also be provided.

Rocky Mountain Power respectfully requests that all formal correspondence and requests for additional information regarding this filing be addressed to the following:

By E-mail (preferred): datarequest@pacificorp.com
lisa.romney@pacificorp.com

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

Informal inquiries may be directed to Lisa Romney at (801) 220-4425.

Sincerely,

Carol L. Hunter
Vice President, Services

Cc: Dennis Miller/DPU
Cheryl Murray/OCS

Mark C. Moench (Utah Bar #2284)
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Attorneys for Rocky Mountain Power

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN POWER FOR AUTHORITY TO CANCEL ELECTRIC SERVICE SCHEDULES NO. 115, 125, 126, and 192; APPROVE SCHEDULE NO. 140.	)))))	**DOCKET NO. 13-035-___** **APPLICATION**

COMES NOW, Rocky Mountain Power, a division of PacifiCorp (the "Company"), and hereby applies to the Public Service Commission of Utah (the "Commission") for authority to cancel the following Electric Service Schedules: No. 115 – Commercial and Industrial Energy Efficiency Incentives Optional for Qualifying Customers; 125 – Commercial and Industrial Energy Services Optional for Qualifying Customers; 126 – Utah Commercial and Industrial Re-Commissioning Program; and 192 – Self-Direction Credit. The Company further respectfully requests approval of a new Electric Service Schedule No. 140, Non-Residential Energy Efficiency.

In support of this Application, Rocky Mountain Power states:

1. Rocky Mountain Power does business as a public utility in the state of Utah and is subject to the jurisdiction of the Commission with regard to its public utility operations.

2. Rocky Mountain Power files this Application pursuant to Utah Code §§ 54-3-1 and 54-3-3, which require all charges and services provided by the Company to be just and reasonable, and 30 days notice to the Commission and public before changing any rate or charge.

3. Communications regarding this Application should be addressed to:

Lisa Romney
Manager, Regulatory Affairs
Rocky Mountain Power
201 South Main Street, Suite 2000
Salt Lake City, UT 84111
Telephone: (801) 220-4425
lisa.romney@pacificorp.com

Daniel E. Solander
Senior Counsel
Rocky Mountain Power
201 South Main Street, Suite 2300
Salt Lake City, Utah 84111
daniel.solander@pacificorp.com

In addition, PacifiCorp respectfully requests that all data requests regarding this matter be addressed to:

By e-mail (preferred):	datarequest@pacificorp.com
By regular mail:	Data Request Response Center PacifiCorp 825 NE Multnomah, Suite 2000 Portland, OR 97232

Informal inquiries may be directed to Lisa Romney at (801) 220-4425.

BACKGROUND

4. Rocky Mountain Power has offered energy efficiency incentive programs in various configurations for several decades. The programs have been, and continue to be, designed to promote electric energy efficiency and more efficient management of energy loads.

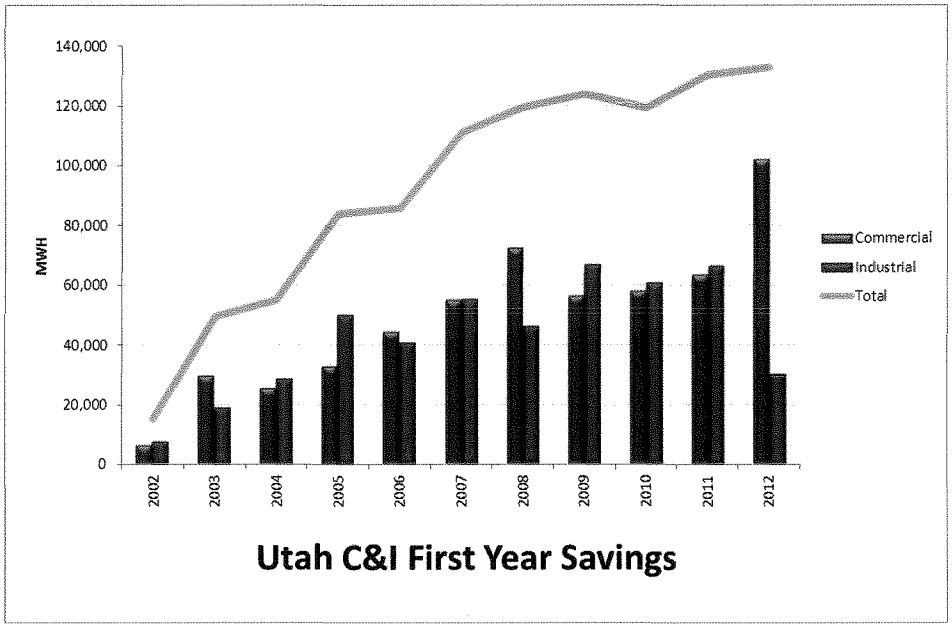
5. In 2002, the Company included demand side management ("DSM") in the Integrated Resource Plan model. Acquisition targets from DSM activities have continued to grow since that time.

6. In the summer of 2003, the Company petitioned to create both a financial recovery mechanism for DSM as well as a self-direction credit provision. The tariff rider surcharge was made effective in April of 2004 and the Self-Direction credit option was made effective immediately.

7. In 2004, the FinAnswer Express prescriptive incentive program was created. This action consolidated all existing Commercial and Industrial retrofit programs into three programs: Energy FinAnswer (Schedule 125), FinAnswer Express (Schedule 115), and Self-Direction (Schedule 192).

8. In March of 2005, the Re-Commissioning program (Schedule 126) was added as a means to better manage existing equipment and customer loads.

Table 1 – Commercial and Industrial Savings Results, 2002-2012



9. As shown in Table 1 above, the four business programs (Energy FinAnswer (Schedule 125), FinAnswer Express (Schedule 115), Re-Commissioning (Schedule 126), and Self-Direction (Schedule 192) have been successful in enabling energy efficiency savings over the past decade. This being said, the Company, working with its customers, has identified the following potential barriers to participation and program performance:

- Complexity of the programs - Under the current structure, projects may move from one program to another based on timelines and/or economics. This creates complexity for the customer that can impede participation and at a minimum increases the costs of project management to the customer and to the Company. For example, a customer may start participation in Energy FinAnswer, but shift to Self Direction if the incentive offer is more attractive. Likewise, a project may come in through Energy FinAnswer, but move to prescriptive FinAnswer Express

if the scope changes. Each time a project moves, the program requirements and agreements must be updated.

- Customer based project management – While the Company has project management staff to move customer projects through the incentive process, customers have indicated that the lack of dedicated personnel within their own organizations to identify, cultivate and manage energy efficiency projects limits their ability to participate.

- Program focus on capital projects – The Company's current program offerings, with the exception of Re-Commissioning, are limited to capital based projects. Therefore, customers lacking capital are limited in their ability to participate.

DISCUSSION AND UPDATES

10. In an effort to mitigate these barriers to participation the Company is seeking approval to; (1) consolidate and streamline its business programs; (2) provide incentives for customers seeking dedicated project management resources; and (3) expand the current offerings for savings associated with changes to operations, maintenance and behavior. The resulting program is intended to shift the focus from single projects to an on-going ethos of energy efficient construction, upgrades and operations.

11. The consolidated program approach includes several updates to the program structures and incentive levels in order to increase the acquisition of energy efficiency savings and to streamline participation for customers. The proposed changes to the current program structure and incentive levels are provided in the Table 2.

Table 2 – Program Consolidation Review

Tariff	Current	Proposed for Schedule 140	Comments
125 - Energy FinAnswer	$0.12/kWh + $50/kW	$0.15/kWh	Simplify incentive for customers. Increases total incentive by an estimated 21% and savings by 7% when combined with adjustment of project cost cap listed below.
	Eligible project costs capped at 50%	Increase eligible project costs to 70%	Increases incentives for participation.
	Customer pays for commissioning	Program funds Savings Verification	Decreases complexity and improves controls related to performance verification.
	Commercial and Industrial have different program eligibility	Commercial and Industrial have same program eligibility	Simplify and expand eligibility to increase participation.
	New Construction Design Assistance	Discontinue unique incentive	Low participation and offer not moving the market. New Construction projects will be incentivized through the custom tract.
	Design Honorarium	Discontinue incentive	Low participation and offer not moving the market.
	Design Incentive	Discontinue incentive	Low participation and offer not moving the market.
	Minimum 20,000 SF of commercial space to be eligible	Remove minimum space requirement	Increase participation.
	Custom incentives available for listed measures	Listed measures paid at listed amounts.	Simplify process so that the incentive listed is always the incentive paid. Allow prescriptive and custom measures to be included in single project.
115 - FinAnswer Express	Eligible measure costs capped at 50%	Increase eligible measure costs to 70%	Increases incentives for participation.
	Cooling equipment, irrigation pumps VFDs milk pre-coolers and VFD air compressors incentives pay @ different $/kWh and some include $/kW	Align all incentives to $0.15/kWh	Increases incentive amounts and aligns program incentive levels.
126 – Re-Commissioning	Service based offer	Change to standard offer of $0.02/kWh	Simplify incentive offer and align with the new incentive for operation, maintenance and behavioral savings.

Tariff	Current	Proposed for Schedule 140	Comments
126 – Re-Commissioning (cont.)	Program referred to as Re-Commissioning	Refer to offer as Energy Management	Better describes offering.
	Re-commissioning with post evaluations	Expand offering to include integration of energy management into business practices	Increases savings and utilizes monitoring to identify savings. See discussion in 13-16 below.
192 - Self Direction Credit	Includes administrator references	Remove references to administrator	Allow the integration of bill credits as an incentive option for qualifying customers.
	Customer responsible for engineering including costs	Program provides engineering analysis	Consolidates program offerings and provides consistent energy analysis reports. The costs of Company funded engineering analysis are not an eligible project cost.
	Qualifying Simple payback of 1-5 years. 5+ years requires cost-effective analysis.	Qualifying simple payback 1- 8 years. 8+ years requires cost-effectiveness analysis	Analysis shows paybacks up to 8 years are cost-effective. Removes unnecessary customer barrier and costs from the program.
	Availability of fifty percent opt-out self direction credit	Remove availability of fifty percent opt-out self direction credit	Requires all energy efficiency opportunities have been addressed. No participation since the program became available in 2003.
	Program name, Self Direct	Refer to offer as bill credit option	Aligns with the consolidated program approach and customer choice to choose incentive check or bill credit at the end of a project.
	Annual program cap - $5,000,000	Remove program cap	Potential perceived barrier.
140 – New Offerings in consolidated tariff	n/a	Add energy project manager co-funding. $0.025/kWh of program savings	See discussion in 17-19 below
	n/a	Customer chooses incentive payment option based on their needs – bill credit or Cash Incentive	Consolidates programs into a single process flow making it easier for customers to participate.

12. In the event the Commission approves the Company's request, customers with Incentive Agreements issued between the date of this filing and the effective date approved by the Commission will receive final project incentive(s) under the new tariff unless their project would have received a higher incentive amount under the existing incentives. Customers with Incentive Agreements in place prior to this filing will receive incentives consistent with the tariff(s) at the time the agreement was issued.

EXPANDED AND NEW INCENTIVE OPTIONS

13. Energy Management is a system of practices that creates reliable and persistent electric energy savings through improved operations and maintenance, and management practices at customer sites. The Energy Management offering is designed to complement program offerings for capital improvements and the new Energy Project Manager option.

14. Designed with the customer in mind, Energy Management will offer multiple levels of engagement: Strategic Energy Management, Persistent Commissioning, Industrial Re-commissioning, and Re-commissioning. The level of engagement will be in direct response to the customer's specific needs and their commitment to a process that can extend from 12 – 24 months.

15. The Energy Management offering provides a systematic approach to integrating energy management into an organizations business practices. Monitoring of building systems and industrial process controls is used to identify and quantify energy savings.

16. The Company has identified an average potential of 3% energy savings per customer through Energy Management. Measurement of savings is site and process specific, generally consisting of the establishment of an operational baseline and savings measurements through either continuous monitoring of operational data, or at specific intervals during the Company's Energy Management engagement with the customer. The incentive level and program design was modeled with a savings persistence of three years.

17. Energy Project Manager co-funding is designed to help customers more aggressively pursue energy opportunities and create a culture of energy efficiency at their facilities. Co-funding will be performance based and is contingent upon a customer's identification of and planning for at least 1,000,000 kWh of energy savings over a prescribed timeframe; typically 12 – 18 months.

18. Only savings reported through Schedule 140 will count toward achieving the kWh savings goal. If the customer meets these verified goals as outlined in a savings plan, co-funding continues. If milestones and savings goals are missed, co-funding will be suspended and/or terminated and repayment of unearned co-funding will be required.

19. The Energy Project Manager is to serve as the primary contact for implementation of energy efficiency projects at a customer site. The Energy Project Manager will be an employee or direct contractor of the customer and not an employee or contractor of Rocky Mountain Power. The Energy Project Manager must be a specific person and not a pool of labor without an individual role. Subject to approval by the Company, it is the customer's choice regarding the compensation paid to the Energy Project Manager and the co-funding cannot exceed the lesser of (1) the pay and overhead

for the assigned individual or (2) the amount listed in Table 2 for completed projects. Documentation of pay and overhead costs are required as part of the co-funding agreement. The Energy Project Manager co-funding is based solely on electrical energy efficiency or energy management savings.

COST EFFECTIVENESS ANALYSIS

20. A consolidated approach was taken to the cost effectiveness analysis. Step one was to establish a three year base case of all four current programs without enhancements. The base case was set to align with the Utah 2013 savings forecast provided on November 1, 2012. Values for net-to-gross, realization rates and measure life that were utilized in the 2011 Utah annual report were utilized in the assessment of the base case. The base case program level cost effectiveness took into account medium CO2 69% Load Factor East System Load Shape decrement values as the avoided costs in order to provide a business as usual view of program performance. The stream of costs utilized in this analysis can be found on page 20 of the 2011 IRP Addendum dated June 27, 2011. Once the performance of the base case was assessed, four "measures" representing the highest impact changes were modeled at the "measure" level using the same load shape and avoided costs. The four measures are:

- Revised energy management incentives
- Revisions to the standard offer ($/kW and percent of cost cap)
- Energy Project Manager co-funding
- Utility funding for commissioning

Inputs for measure costs, measure life, realization rates and net-to-gross ratio were specific to the measures. Benefit and cost contributions from the four measures were then added to the base case to assess the overall impacts of the changes.

Results of the cost effectiveness analysis for the enhanced program, utilizing the medium carbon scenario decrement values, are provided in Tables 3 below.

Table 3 – Cost effectiveness analysis for the enhanced program

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0459	$129,324,944	$284,916,229	$155,591,284	2.20
Total Resource Cost Test (TRC) No Adder	0.0459	$129,324,944	$259,014,753	$129,689,809	2.00
Utility Cost Test (UCT)	0.0261	$73,597,265	$259,014,753	$185,417,488	3.52
Rate Impact Test (RIM)		$280,089,849	$259,014,753	($21,075,095)	0.92
Participant Cost Test (PCT)		$122,589,205	$292,741,967	$170,152,762	2.39
Discounted Participant Payback (years)				4.15	

Inputs utilized in the analysis of the base case and the four measures are provided in Tables 1 – 3 of Attachment A: Utah 2013-1025 Business Plan Cost-Effectiveness Memo.

21. The enhanced program went through two sensitivity analyses. Sensitivity to carbon costs was performed using the 2011 IRP decrement values based on the no carbon tax scenario found on page 17 of the 2011 IRP Addendum. Sensitivity to projected program participation +/- 10% was also performed. The results of both sensitivity analyses are provided in Tables 10 and 11 in Attachment A. The proposed program is forecasted to be cost effective under a variety of sensitivity scenarios.

STAKEHOLDER INVOLVMENT

22. On February 5, 2013, the Company presented an initial overview of the consolidated program offering to the Utah Demand-Side Management Steering Committee. The discussion included the Energy Project Manager offering. The Committee asked the Company to reach out to higher education in Utah to ensure the applicant pool for the Energy Project Manager incentive would adequately meet potential demand. The Company is currently in discussions with Salt Lake Community College regarding the existing Energy Management degree.

23. The Company presented the initial program consolidation design to the Utah Association of Energy Users ("UAE") on March 12, 2013. Members of UAE were supportive of consolidation and the more user-friendly program design. Members suggested an additional incentive offer for large customers to receive their incentive prior to purchase, but this is outside of the scope and the purpose of the non-residential energy efficiency program.

24. The Utah DSM Steering Committee met on April 24, 2013 to review the draft tariff and application. After the meeting, the Committee was provided electronic copies of the draft Schedule 140 and the application. The Company received comments from the Office of Consumer Services, Utah Association of Energy Users, Utah Clean Energy, and the Division of Public Utilities. Overall, the committee was supportive of the changes, making edits to both documents that improved the clarity of the new program for customers.

CONCLUSION

WHEREFORE, Rocky Mountain Power respectfully requests that the Public Service Commission of Utah issue an order authorizing the Company to cancel Electric Service Schedules No. 115 – Commercial and Industrial Energy Efficiency Incentives Optional for Qualifying Customers, 125 – Commercial and Industrial Energy Services Optional for Qualifying Customers, 126 – Utah Commercial and Industrial Re-Commissioning Program, and 192 – Self-Direction Credit, as described herein, and approve the attached Electric Service Schedule No. 140, Non-Residential Energy Efficiency effective July 1, 2013.

DATED this 21st day of May, 2013.

Respectfully submitted,

Mark C. Moench
Daniel E. Solander
Attorneys for PacifiCorp

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

Second Revision of Sheet No. B.1
P.S.C.U. No. 49 **Canceling First Revision of Sheet No. B.1**

ELECTRIC SERVICE SCHEDULES
STATE OF UTAH

Schedule Numbers not listed are not currently used.
*These Schedules are not available to new customers or premises.

Issued by authority of Report and Order of the Public Service Commission of Utah in Docket No. 13-035-__

FILED: May 21, 2013 **EFFECTIVE:** July 1, 2013

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 140

STATE OF UTAH

Non-Residential Energy Efficiency

PURPOSE: This Schedule is intended to maximize the efficient utilization of electricity for new and existing non-residential loads through the installation of energy efficiency measures and energy management protocols.

APPLICABLE: To service under the Company's General Service Schedules 6, 6A, 6B, 8, 9, 9A, 10, 12, 15, 21, 23, and Supplementary Service under Schedule 31. This Schedule is applicable to new and existing non-residential facilities and dairy barns served on the company's residential rate schedules. This Schedule is not applicable to offset customer generation.

CUSTOMER PARTICIPATION: Customer participation is voluntary and is initiated by following the participation procedures on the Utah energy efficiency section of the Company website. The Company shall have the right to qualify participants, at its discretion, based on criteria the Company considers necessary to ensure the effective operation of the measures and utility system. Criteria may include, but will not be limited to cost effectiveness. The Company may limit participation levels, as approved by the Commission. Any Commission-approved limits will be described on the Company's website. In the event that there is a participation dispute that is not resolved by the Company the customer may elect to follow the process outlined at http://www.psc.state.ut.us/complaints/index.html

Eligible facilities of similar size, operations and ability to participate will be treated in a fair and consistent manner in respect to participation under this schedule.

(Continued)

(N)

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

INCENTIVES:[1]

Category	Incentive	Percent Project Cost Cap	1-Year Simple Payback Cap for Projects[2]	Other Limitations
Prescriptive Incentives *	See Attachment A	See Attachment A	See Attachment A	See Attachment A
Custom Non-Lighting Incentives for qualifying measures not on the prescriptive list.[3]	$0.15 per annual kWh savings	70%	Yes	N/A
Energy Management	$0.02 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding	$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum 1,000,000 kWh through qualified measures
Bill Credit[4]	80% of eligible project costs	80%	No	Customers with minimum 1 MW peak or annual usage of 5,000,000 kWh**

*Incentives for measures contained in Attachment A are restricted to the amounts shown in Attachment A or the appropriate bill credit amount.
**Customers may aggregate accounts to achieve minimum requirements.

QUALIFYING MEASURE: Qualifying measures are any measures which, when installed in an eligible facility, result in verifiable electric energy efficiency improvement compared to a baseline as determined by the Company. The baseline will be determined with reference to existing equipment, applicable state or federal energy or building codes, industry standard practice and other relevant factors.

(Continued)

[1] The customer or Owner may receive only one financial incentive from the Company per project. Financial incentives include energy efficiency incentive payments, bill credits, and energy management payments. Energy Project Manager Co-Funding is available in addition to the project incentives.
[2] The 1 year simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.
[3] Project Cost and 1-Year Simple Payback Caps do not apply to New Construction and Major Renovation projects that are subject to state energy code.
[4] To qualify for the bill credit option, a project must have a projected payback period of between 1 and 8 years. The Company may accept a project with a projected payback period in excess of eight years if project benefits satisfy the Commission's approved cost-effectiveness test. (N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

QUALIFYING ENERGY MANAGEMENT: Operational improvements which, when implemented in an eligible facility, result in electric energy savings compared to current operations as determined by the Company.

MINIMUM EQUIPMENT EFFICIENCY: Retrofit Energy Efficiency Projects must meet minimum equipment efficiency levels and equipment eligibility requirements in Attachment A to be eligible for an Incentive or monthly Bill Credit available under the Schedule.

PRIOR ENERGY SERVICE PAYMENT PROGRAM PARTICIPATION REQUIREMENTS: This tariff does not affect Energy Service Charges currently outstanding. All obligations including those pursuant to an executed Energy Services Agreement shall remain in effect until the Energy Efficiency Payment with interest is repaid in full.

GENERAL RULES AND PROVISIONS: Service under this Schedule will be in accordance with the terms of the Electric Service Agreement between the Customer and the Company. The Company may establish specifications regarding electric efficiency or energy management measures to be affected under this schedule, and may conduct inspections and/or verification to insure that such specifications are met.

Customers may visit the following website for details and guidelines on the Company's business efficiency programs and incentives:

www.wattsmart.com

(Continued)

(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 1a - Retrofit Lighting Energy Efficiency Measures

Measure	Category	Eligibility Requirements	Incentive
T8 Fluorescent	Premium	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast included on qualified ballast list	$7/Lamp
	Delamp	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast. Must remove one or more lamps. To delamp an existing fixture, the lamp and all corresponding sockets must be permanently disabled.	$21/Lamp Removed
	Relamp	Lamp wattage reduction ≥ 3 Watts, No ballast retrofit	$0.25/Lamp
	High Bay	4' CEE Qualified High Performance Lamp. Must replace T12HO/VHO, Incandescent, or HID.	$20/Lamp
	Continuous Operation	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast included on qualified ballast list installed in a continuous operation application	$20/Lamp
T5 Fluorescent	Standard	4' Nominal Lamp ≤ 28 Watts, Ballast Factor ≤ 1.0	$5/Lamp
	Relamp	Lamp wattage reduction ≥ 3 Watts, No ballast retrofit	$0.25/Lamp
	High Bay	4' Nominal High Output Lamp	$20/Lamp
	Continuous Operation	4' Nominal High Output Lamp installed in a continuous operation application	$20/Lamp
Cold Cathode	Screw-in Lamp	All wattages	$5/Lamp
Compact Fluorescent Lamp (CFL)	Screw-in Lamp	All wattages (See Note 6)	$2/Lamp
	Hardwired Fixture	All wattages	$5/Fixture
Ceramic Metal Halide (CMH)	CMH Fixture	All wattages	$35/Fixture
Pulse Start Metal Halide (PSMH)	PSMH Fixture	Wattages > 500W	$60/Fixture
	Electronic Ballast	Must be used in place of or replace a magnetic ballast	$20/Ballast
Induction	Induction Fixture	All wattages, New fixtures only	$125/Fixture
LED	Integral Screw-in Lamp	LED must be listed on qualified equipment list	$10/Lamp
	Recessed Downlight	LED must be listed on qualified equipment list	$10/Fixture
	Outdoor Area and Roadway	LED must be listed on qualified equipment list	$100/Fixture
	Parking Garage	LED must be listed on qualified equipment list	$100/Fixture
	High and Low Bay	LED must be listed on qualified equipment list	$100/Fixture
Lighting	Custom	Not listed above	$0.10/kWh annual energy savings

(Continued)

(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 1a - Retrofit Lighting Energy Efficiency Measures (Continued)

Notes for Table 1a:

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by the Company.
2. Incentives are capped at 70 percent of Energy Efficiency Project Costs and subject to the one-year payback cap.
3. Incentives for T8 Fluorescent Premium Delamps may not be combined with other linear fluorescent lamp or fixture incentives. Complete fixture removals are not eligible.
4. Incentives for T8 Fluorescent Relamps may not be combined with other linear fluorescent lamp or fixture incentives and will only be paid once per facility.
5. Qualified equipment lists referenced in the above table are posted on the Utah energy efficiency program section of the Company's website.
6. The incentive for Screw-In CFL Lamps will no longer be available effective January 1, 2014.

BF = Ballast Factor
CEE = Consortium for Energy Efficiency
CFL = Compact Fluorescent Lamp
CMH = Ceramic Metal Halide
HID = High Intensity Discharge (e.g. Mercury Vapor, High Pressure Sodium, Metal Halide)
HO = High Output
LED = Light-Emitting Diode
PSMH = Pulse-Start Metal Halide
VHO = Very High Output

Table 1b – Lighting Controls and Non-General Illuminance Incentives (Retrofit Only)

Measure	Category	Eligibility Requirements	Incentive
Lighting Control	Occupancy Control	PIR, Dual Tech, or Integral Sensor	$75/Sensor
	Daylighting Control	Must control interior fixtures with driver or qualifying ballast that dims 50% or more of the fixture in response to daylight.	$75/Sensor
	Advanced Daylighting Control	Must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same space.	$150
	Dimming Ballast	Continuous, Stepped, or Bi-level ballast or automated control that dims 50% or more of the fixture. Must be controlled by a qualifying occupancy or daylighting control.	$15/Ballast

(Continued)

(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 1b – Lighting Controls and Non-General Illuminance Incentives (Retrofit Only) (Continued)

Measure	Category	Eligibility Requirements	Incentive
Non-General Illuminance	Exit Sign	LED or photoluminescent replacing incandescent or fluorescent	$15/Sign
	LED Message Center Sign	LED replacing existing incandescent signage	$5/Lamp
	LED Channel Letter Sign	LED replacing existing neon or fluorescent signage	$5/Linear Foot
	LED Marquee/Cabinet Sign	LED replacing existing fluorescent signage	$5/Linear Foot
Custom	Custom	Not listed above	$0.10/kWh annual energy savings

Notes for Table 1b:
1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by the Company.
2. Incentives are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year.
3. Incentives for Advanced Daylighting Controls may not be combined with Occupancy Control or Daylighting Control incentives.

PIR = Passive Infrared
Dual Tech = Sensors combining ultrasonic and passive infrared
LED - Light-emitting Diode

(Continued)

(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 1c – New Construction/Major Renovation Lighting Incentives

Measure	Category	Eligibility Requirements	Incentive
Interior Lighting	Lighting and Lighting Control	1. The total connected interior lighting power for New Construction/Major Renovation projects must be at least 10% lower than the interior lighting power allowance calculated under the applicable version of the state energy code. For New Construction/Major Renovation projects not included in the state energy code, the total connected lighting power must be at least 10% lower than common practice as determined by the Company. 2. Energy savings is subject to approval by the Company	$0.08/kWh annual energy savings
Exterior Lighting	Induction Fixture	All Wattages, New Fixtures Only	$125/Fixture
	LED Outdoor Area and Roadway	LED must be listed on qualified fixture list	$100/Fixture
	CFL Wall Pack	All Wattages, Hardwire Fixtures Only	$30/Fixture
	Custom	Not listed above	$0.10/kWh annual energy savings
	Lighting Control	Integral occupancy sensor which must control a linear fluorescent, induction, or LED fixture. Sensor must be installed on a continuous duty light	$75/sensor

CFL – Compact Fluorescent Lamp
LED - Light-Emitting Diode

(Continued)

(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 2 - Motor Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Electronically Commutated Motor (ECM)	≤ 1 horsepower	Refrigeration application	--	$0.50/watt
		HVAC application	--	$50/horsepower
Variable-Frequency Drives (HVAC fans and pumps)	≤ 100 horsepower	HVAC fans and pumps	See Note 2	$65/horsepower
Green Motor Rewinds	≥ 15 and ≤ 5,000 horsepower	--	Must meet GMPG Standards	$1/horsepower Refer to Note 3

Notes for Table 2:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Throttling or bypass devices, such as inlet vanes, bypass dampers, three-way valves, or throttling valves must be removed or permanently disabled to qualify for HVAC fan or pump VFD incentives. VFDs required by or used to comply with the applicable version of the energy code are not eligible for incentives. Savings will only be realized for installations where a variable load is present.
3. For Green Motor Rewinds, the participating electric motor service center is paid $2/horsepower for eligible Green Motor Rewinds. A minimum of $1/horsepower is paid by the service center to the Customer as a credit on the motor rewind invoice. The balance is retained by the service center. Green Motor Rewind motors that are installed or placed in inventory may qualify for an incentive.

ECM = Electronically Commutated Motor
GMPG = Green Motors Practices Group
HVAC = Heating, Ventilation and Air Conditioning
NEMA = National Electrical Manufacturer's Association
VFD = Variable Frequency Drive

(Continued)

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 3a – HVAC Incentives

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$25/ton**	**$50/ton**	**$75/ton**
Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode)	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	All equipment sizes (three phase)	Split system and single package	--		
Unitary Commercial Air Conditioners, Water and Evaporatively Cooled	All equipment sizes	Split system and single package	--	CEE Tier 1	--
Packaged Terminal Air Conditioners (PTAC) (Cooling Mode)	≤ 8,000 Btu/hr	Single package	12.2 EER	--	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	11.9 EER	--	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	10.7 EER	--	--
	> 13,500 Btu/hr	Single package	9.9 EER	--	--
Packaged Terminal Heat Pumps (PTHP) (Heating & Cooling Mode)	≤ 8,000 Btu/hr	Single package	--	12.2 EER and 3.4 COP	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	--	11.5 EER and 3.3 COP	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	--	10.7 EER and 3.1 COP	--
	> 13,500 Btu/hr	Single package	--	9.8 EER and 3.0 COP	--
Heat Pumps, Air-Cooled (Cooling Mode)	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65, 000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥ 65,000 Btu/hr (three phase)	Split system and single package	--		--
Heat Pumps, Air-Cooled (Heating Mode) - See Note 3	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65, 000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥ 65,000 Btu/hr (three phase)	47°F db/43°F wb outdoor air	--		--
		17°F db/15°F wb outdoor air	--		--
Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	86°F Entering Water	--	CEE Tier 1	--

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 3a – HVAC Incentives (Continued)

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$25/ton**	**$50/ton**	**$75/ton**
Heat Pumps, Water-Source (Heating Mode) - See Note 3	**< 135,000 Btu/hr**	**68°F Entering Water**	--	**CEE Tier 1**	--
Heat Pumps, Ground-Source or Groundwater-Source (Heating & Cooling Mode) - See Note 3	**All sizes**	**77°F Entering Water**	--	**ENERGY STAR Qualified**	--
Ground Source or Groundwater-Source Heat Pump Loop	**All sizes**		**$25/ton**	--	--

Notes for table 3a - HVAC equipment incentive table

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat Pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
4. Equipment size categories and capacities are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units <65,000 Btu/hr, AHRI Standard 340/360 for units ≥65,000 Btu/hr, and AHRI Standard 310/380 for PTAC and PTHP units.
5. Ground and Water Source Heat Pumps must meet or exceed listed efficiency requirements when rated in accordance with ISO-13256-1 to qualify for the listed incentive.
6. Units rated with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established in the Consortium for Energy Efficiency Commercial Unitary Air Conditioning and Heat Pump specification effective January 16, 2009.
7. Efficiency requirements align with the Unitary Air-Conditioning and Heat Pump Specification maintained by the Consortium for Energy Efficiency for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed on the Company website.

AHRI = Air-Conditioning, Heating, and Refrigeration Institute
CEE = Consortium for Energy Efficiency
COP = Coefficient of Performance
EER = Energy Efficiency Ratio
HSPF = Heating Seasonal Performance Factor
HVAC = Heating, Ventilation and Air-Conditioning
IEER = Integrated Energy Efficiency Ratio
IPLV = Integrated Part Load Value
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 3b –Other HVAC Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling	All sizes	Direct or Indirect		$0.06/ CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	$0.15/kWh annual energy savings See Note 2
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% for process cooling loads)	Must exceed minimum efficiencies required by energy code	$0.15/kWh annual energy savings See Note 3
Room Air Conditioner	Residential (used in a business)	See Home Energy Savings program	See Home Energy Savings program	See Note 4
365/366 day Programmable Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic setback capability	$150/thermostat
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control		See Note 5	$50/controller

Notes for Table 3b

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives paid at $0.15/kWh annual energy savings. IDEC energy savings subject to approval by the Company.
3. Incentives paid at $0.15/kWh annual energy savings . Chiller energy savings subject to approval by the Company.
4. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential equipment used in a business.
5. Controller units must include an occupancy sensor and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.

CFM = Cubic Feet per Minute
HVAC = Heating, Ventilating and Air Conditioning
IDEC = Indirect Direct Evaporative Cooling
ISR = Industry Standard Rating
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump

(Continued) (N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 4a – Building Envelope Incentives (Retrofit)

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation added	$0.05/square foot
Wall Insulation	--	Minimum increment of R-10 insulation added	$0.07/square foot
Windows (See Note 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	$0.35/square foot
Window Film	Existing Windows	See Note 5	$0.15/kWh annual energy savings (See Note 5)

Notes for Table 4a:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in the above table.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Incentives for window film are calculated based on film specifications and window orientation at $0.15/kWh annual energy savings. Energy savings are subject to approval by the Company.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

Table 4b – Building Envelope Incentives (New Construction/Major Renovation)

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above code (See Note 5)	$0.05/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above code (See Note 5)	$0.07/square foot
Windows (See Note 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	$0.35/square foot

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(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 4b – Building Envelope Incentives (New Construction/Major Renovation) (Continued)

Notes for Table 4b:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in the above table.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Compliance with the minimum efficiency requirements of Roof/Attic and Wall Insulation measures may be demonstrated with equivalent U-factors and is subject to approval by the Company.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 5 – Food Service Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive/Unit
Residential Dishwasher	Used in a Business	See Home Energy Savings Program	See Note 2
Commercial Dishwasher (Electric Water Heating Only) (See Note 3)	Undercounter	ENERGY STAR Qualified	$500
	Stationary Rack, Single Tank, Door Type		$1,000
	Single Tank Conveyor		$1,500
	Multiple Tank Conveyor		$2,000
Electric Insulated Holding Cabinet	V ≥ 28	ENERGY STAR Qualified	$600
	13 ≤ V < 28		$500
	V < 13		$400
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	$750
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	Heavy Load Efficiency ≥ 65%, Idle Energy Rate ≤ .23 kW (See Note 4)	$840
Electric Convection Oven	--	>70% cooking efficiency (See Note 4)	$350
Electric Griddle	Tier 1	ENERGY STAR Tier 1 Qualified	$250
	Tier 2	ENERGY STAR Tier 2 Qualified	$350
Electric Combination Oven	--	Heavy Load Efficiency ≥ 70%, Idle Energy Rate ≤ 3.5 kW (See Note 4)	$1,000
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	$200
	Tier 2	Cooking Efficiency ≥ 86.6%, Idle Energy Rate ≤ 772 Watts (See Note 4)	$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest Rate < 500 lbs/day	ENERGY STAR Qualified	$125
	Tier 1: Harvest Rate ≥ 500 lbs/day		$150
	Tier 2: Harvest Rate < 500 lbs/day	CEE Tier 2 Qualified	$250
	Tier 2: Harvest Rate ≥ 500 lbs/day		$400
Residential Refrigerator	Used in a Business	See Home Energy Savings Program	See Note 2

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 5 – Food Service Equipment Incentives (Continued)

Commercial Glass Door Refrigerator	0 < V < 15	ENERGY STAR Qualified	$100
	15 ≤ V < 30		$125
	30 ≤ V < 50		$150
	50 ≤ V		$175
	Chest Configuration		$75
Commercial Glass Door Freezer	0 < V < 15	ENERGY STAR Qualified	$300
	15 ≤ V < 30		$325
	30 ≤ V < 50		$375
	50 ≤ V		$800
	Chest Configuration		$100
Commercial Solid Door Refrigerator	0 < V < 15	ENERGY STAR Qualified	$50
	15 ≤ V < 30		$75
	30 ≤ V < 50		$100
	50 ≤ V		$125
	Chest Configuration		$75
Commercial Solid Door Freezer	0 < V < 15	ENERGY STAR Qualified	$150
	15 ≤ V < 30		$175
	30 ≤ V < 50		$200
	50 ≤ V		$300
	Chest Configuration		$150
LED Case Lighting (Retrofit Only)	--	LED replacing fluorescent lighting in refrigerated cases.	$10/linear foot
Refrigerated Case Occupancy Sensor (Retrofit Only)	--	Installed in existing refrigerated case with LED lighting	$1/linear foot

Notes for Table 5:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.
3. Commercial Dishwashers must be supplied with electrically heated domestic hot water. Models with either electric or gas booster heaters are eligible for incentives.
4. To meet the Minimum Efficiency Requirement(s) listed, values must be based on testing in accordance with the applicable ASTM Standard Test Method.

CEE = Consortium for Energy Efficiency
ASTM = American Society for Testing and Materials
MDEC = Maximum Daily Energy Consumption
V = Volume (cubic feet)

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 6 – Office Equipment Incentives

Equipment Type	Minimum Efficiency Requirements	Customer Incentive
Network PC Power Management Software	1. Installed software must automatically control the power settings of networked personal computers (PC) at the server level 2. The software must manage power consumption for each individual PC 3. The software must include the capability to report energy savings results	$7 per controlled PC (up to 100% of Energy Efficiency Measure Costs)
Smart Plug Strip	1. Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor, electric load sensor, or timer. 2. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.)	$15/qualifying unit

Notes for Table 6:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Energy Efficiency Measure Costs for Network PC Power Management Software are subject to Company approval.
3. PC = Personal Computer

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 7 – Appliance Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive
High-Efficiency Clothes Washer	Residential (used in a business)	See Home Energy Savings Program	See Note 3
	Commercial (must have electric water heating)	ENERGY STAR Qualified	$150
		CEE Tier 2 Qualified	$200
Electric Water Heater	Residential (used in a business)	See Home Energy Savings Program	See Note 3

Notes for Table 7:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Equipment must meet the efficiency rating standard that is in effect on the date of purchase.
3. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

CEE = Consortium for Energy Efficiency

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 8 - Irrigation Incentives (Retrofit Only)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
Sprinkler Pressure Regulators	Worn or faulty regulator	New pressure regulator	Must be same design pressure or less	$2.75 each
Rotating, Spray-Type or Low-Pressure Sprinklers	Worn rotating, spray-type, low-pressure, or impact sprinklers	New rotating, spray-type, or low-pressure sprinklers	Must be same design flow or less	$3.00 each (up to 50% of EEM Cost)
New or Rebuilt Impact Sprinklers	Worn or leaking impact sprinkler	New or rebuilt impact sprinkler	--	$3.00 each (up to 50% of EEM Cost)
Sprinkler Nozzles	Existing worn nozzles	New brass or plastic nozzles	Must be same design flow or less	$0.25 each
Flow-Controlling Type Nozzles	Existing worn flow-controlling type nozzles	New flow-controlling type nozzles	Must be same design flow or less	$1.50 each
Drains and Gaskets for Wheel Lines, Hand Lines, Pivots, Linears or Portable Main Lines	Worn or leaking drains and gaskets	New drains or gaskets (Also includes seals and riser caps (dome discs) for valve openers)	--	$1.00 each (up to 100% of EEM Cost)
Gooseneck Elbow with Drop Tube or Boomback	Worn or leaking gooseneck elbow with drop tube or boomback	New gooseneck elbow with drop tube or boomback	--	$1.00/outlet
Repair Leaking Wheel Lines, Hand Lines or Portable Main Lines	Worn or leaking pipe connections or sections	Cut and pipe press or weld repair of leaking pipe connections or sections	Invoice must show number of joints or leaks repaired	$8.00/joint
New or Rebuilt Wheel line Levelers	Worn or faulty wheel line leveler	New or rebuilt wheel line leveler	--	$0.75 each

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(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 8 - Irrigation Incentives (Retrofit Only) (Continued)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
Center Pivot Base Boot Gasket	Worn or leaking center pivot base boot gasket	New center pivot base boot gasket	--	$80.00 each
Wheel line Feed Hose	Worn or leaking wheel line feed hose	New or rebuilt wheel line feed hose	--	$15.00 each
Wheel line Hubs (for Thunderbird type wheel lines)	Worn or leaking hub	New wheel line hub	--	$12.00 each
Irrigation Pump VFD	--	Add VFD to irrigation pump motor	--	$0.15/kWh annual energy savings (See Note 4)

Notes for Table 8:
1. Irrigation measures that meet the replacement requirements listed in the above table may qualify for the listed incentive. Except for the Irrigation Pump VFD measure, fixed in place systems are not eligible for the incentives listed above.
2. All equipment listed in the above table will be eligible for incentives only in replacement or Retrofit projects.
3. For measures where the incentive is limited to 70 percent of Energy Efficiency Measure Costs, Energy Efficiency Measure Costs are subject to Company approval.
4. Incentives are paid at $0.15/kWh annual energy savings. Irrigation Pump VFD annual energy savings subject to approval by the Company.

EEM = Energy Efficiency Measure
VFD = Variable Frequency Drive

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(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 9 - Dairy/Farm Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Automatic Milker Takeoffs (Retrofit Only)	--	Equipment must be able to sense milk flow and remove milker when flow reaches a pre-set level. The vacuum pump serving the affected milking units must be equipped with a VFD to slow the vacuum pump's speed when demand for vacuum is reduced. Incentive available for retrofit only. Replacement of existing automatic milker takeoffs is not eligible for incentives, except where the Company permits as a Custom Energy Efficiency Incentive.	$235 each
Agricultural Engine Block Heater Timers	--	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	$10 each
Circulating Fans (See Note 2)	12-23" Diameter	Fans must achieve an efficiency level of 11 cfm/Watt	$25/fan
	24-35" Diameter	Fans must achieve an efficiency level of 18 cfm/Watt	$35/fan
	36-47" Diameter	Fans must achieve an efficiency level of 18 cfm/Watt	$50/fan
	≥48" Diameter	Fans must achieve an efficiency level of 25 cfm/Watt	$75/fan
Heat Reclaimers	--	Heat reclaimer must use waste heat from refrigeration compressor to heat water. Customer must use electricity to heat water.	$220/condenser kW
High-efficiency Ventilation Systems (See Note 2)	12-23" Diameter	Fans must achieve an efficiency level of 11 cfm/Watt	$45/fan
	24-35" Diameter	Fans must achieve an efficiency level of 13 cfm/Watt	$75/fan
	36-47" Diameter	Fans must achieve an efficiency level of 17 cfm/Watt	$125/fan
	≥48" Diameter	Fans must achieve an efficiency level of 19.5 cfm/Watt	$150/fan
Milk Pre-coolers	--	The equipment must cool milk with well-water before it reaches the bulk cooling tank.	$0.15/kWh annual energy savings (See Note 3)

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 9 - Dairy/Farm Equipment Incentives (Continued)

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Programmable Ventilation Controllers	--	The equipment must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.	$20/fan controlled
Variable Frequency Drives for Dairy Vacuum Pumps (Retrofit Only)	--	The equipment must vary the motor speed in accordance with the air flow needs of the vacuum system. Incentive available for retrofit only for systems without an existing VFD.	$165/hp

Notes for Table 9:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives are paid at $0.15/kWh annual energy savings. Milk Pre-Cooler energy savings subject to approval by the Company.
4. Except where noted, all equipment listed in the table will be eligible for incentives in both New Construction and Retrofit projects.

AMCA = Air Movement & Control Association International, Inc.
ANSI = American National Standards Institute
CFM = Cubic Feet per Minute
VFD = Variable Frequency Drive

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(N)

ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 10 – Compressed Air Incentives

Equipment Category	Replace	With	Limitations	Unit	Customer Incentive
Low-Pressure Drop Filters	Standard Coalescing Filter	Rated Low-Pressure Drop Filter where: 1.Pressure loss at rated flow is ≤1 psi when new and ≤3 psi at element change 2.Particulate filtration is 100% at ≥3.0 microns and 99.98% at 0.1 to 3.0 microns, with ≤ 5ppm liquid carryover 3.Filter is deep-bed "mist eliminator" style, with element life ≥ 5 years 4.Rated capacity of filter is ≤ 500 scfm	1. Compressor system must be ≥ 25 HP and ≤ 75 HP	scfm	$0.80/scfm
Receiver Capacity Addition	Limited or no Receiver Capacity (≤ 2 gallons per scfm of trim compressor capacity)	Total tank receiver capacity after addition must be > 2 gallons per scfm of trim compressor capacity	1. Compressor system size ≤ 75 horsepower 2. Trim compressor must use load/unload controls without inlet modulation or on/off control. 3. Systems with a VFD or using variable displacement control on trim compressor are not eligible.	gal	$1.50/gal above 2 gal/scfm
Refrigerated Cycling Dryers	Non-Cycling Refrigerated Dryer	Cycling Refrigerated Dryer	1. Compressor system size ≤ 75 horsepower 2. Rated dryer capacity must be ≤ 500 scfm 3. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode 4. Refrigeration compressor must cycle off during periods of reduced demand.	scfm	$1.50/scfm

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ELECTRIC SERVICE SCHEDULE NO. 140 - Continued

Table 10 – Compressed Air Incentives (Continued)

Equipment Category	Replace	With	Limitations	Unit	Customer Incentive
VFD Controlled Compressor	Compressor 75 hp or Smaller	≤ 75 hp single operating VFD-controlled oil-injected screw compressor	1. Single operating compressor ≤ 75 HP 2. Compressor must adjust speed as primary means of capacity control 3. Compressor must not use inlet modulation when demand is below the minimum speed threshold of the VFD compressor	hp	$0.15/kWh annual energy savings (See Note 3)
Zero Loss Condensate Drains	Fixed Timer Drain	Zero Loss Condensate Drain (See Note 4)	Drain is designed to function without release of compressed air into the atmosphere. (No maximum compressor size)	Each	$90 each
Outside Air Intake	Compressor intake drawing air from compressor room	≤ 75 hp compressor where permanent ductwork between compressor air intake and outdoors.	1. Compressor system size ≤ 75 HP. 2. Ductwork must meet manufacturer's specifications, which may include: (a) ≤ 0.25" W.C. pressure loss at rated flow, and (b) allow use of compressor room air during extremely cold outdoor air conditions	hp	$6.00/hp

Notes for Table 10:
1. Eligibility for the above Energy Efficiency Incentives, except Zero Loss Condensate Drains, is limited to customers with compressed air system(s) containing compressors with a total system horsepower less than or equal to 75 hp in size.
2. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
3. Incentives for VFD-controlled compressors are calculated based on compressor size and other system parameters at $0.15/kWh annual energy savings. Energy savings is subject to approval by the Company.
4. Zero Loss Condensate Drains purchased as requirements for other compressed air Energy Efficiency Measures are eligible for incentives.

HP = horsepower
PPM = parts per million
PSI = pounds per square inch
SCFM = Cubic Feet of air per Minute at standard conditions (14.5 psia, 68°F, and 0% relative humidity)
VFD = Variable Frequency Drive

(N)

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

P.S.C.U. No. 49 **Original Sheet No. 115.1**

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 115

STATE OF UTAH

Commercial and Industrial Energy Efficiency Incentives
Optional for Qualifying Customers

PURPOSE: Service under this Schedule is intended to maximize the efficient utilization of the electricity requirements of new and existing loads in Commercial Buildings and Industrial Facilities through the installation of Energy Efficiency Measures.

APPLICABLE: To service under the Company's General Service Schedules 6, 6A, 6B, 8, 9, 9A, 10, 12, 15, 21 and 23, and to Supplementary service under Schedule 31, in all territory served by the Company in the State of Utah. This Schedule is applicable to new and existing Commercial Buildings and Industrial Facilities and dairy barns served on the company's residential rate schedules. This schedule is not applicable to offset customer-owned generation.

DEFINITIONS:

Commercial Building: A structure that is served by Company and meets the applicability requirements of this tariff at the time an Energy Efficiency Incentive Agreement/Application is executed or approved which does not meet the definition of an Industrial Facility.

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

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

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

DEFINITIONS: (continued)

Energy Efficiency Incentive Agreement/Application: An agreement between Owner or Customer and Company or a Company provided application submitted by the Owner or Customer and approved by the Company providing for Company to furnish Energy Efficiency Incentives with respect to an Energy Efficiency Project pursuant to this Tariff Schedule.

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

Energy Efficiency Measure (EEM) Cost:
New Construction/Major Renovation: EEM Cost is the total installed cost of energy efficiency equipment or system minus the cost of the code compliance/common practice equipment or system.

Retrofit: EEM Cost is the total installed cost of the energy efficiency equipment or modification.

In the case of New Construction, Major Renovation and Retrofits, EEM Costs shall mean the Owner or Customer's reasonable costs incurred (net of any discounts, rebates or incentives other than Energy Efficiency Incentives from the Company, or other consideration that reduces the final actual EEM Cost incurred by the Owner or Customer) to purchase and install EEMs at the Owner's or Customer's facility. If the Owner or Customer installs the EEM then the cost of installation shall be equal to the Owner's or Customer's actual labor costs for such installation.

Energy Efficiency Project: One or more EEM(s) with similar one year payback limitations (see below) covered by one Energy Efficiency Incentive Agreement.

Energy Efficiency Project Cost: The sum of EEM Costs for one or more EEM(s) with similar one year payback limitations (see below) covered by one Energy Efficiency Incentive Agreement.

Industrial Facility: Buildings and process equipment associated with manufacturing.

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

DEFINITIONS: (continued)

Major Renovation: A change in facility use type or where the existing system will not meet Owner/Customer projected requirements within existing facility square footage.

Mixed Use: Buildings served by a residential rate schedule and a rate schedule listed under **Applicable** shall be eligible for services under this schedule provided the Energy Efficiency Project meets the definition of New Construction or where the Company adjusts the baseline energy consumption and costs.

New Construction: A newly constructed facility or newly constructed square footage added to an existing facility.

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

Retrofit: Changes, modifications or additions to systems or equipment in existing facility square footage.

INCENTIVE FOR ENERGY EFFICIENCY MEASURES: The Company will provide Energy Efficiency Incentives per the Provisions of Service and the Energy Efficiency Incentive caps table below to participating Owners or Customers who have installed EEM(s) listed in the incentive tables in this schedule or are eligible for an Energy Efficiency Incentive per the formula listed below.

EEMs not listed in the incentive tables may be eligible for a custom Energy Efficiency Incentive. The Company will complete an analysis of the EEM Cost and electric energy savings and determine at its sole option whether to offer a custom Energy Efficiency Incentive and the Energy Efficiency Incentive amount. Custom Energy Efficiency Incentives for such EEMs will be the product of multiplying the Company's estimate of annual energy savings by $0.10/kWh; and subject to the incentive caps in the table below. Electric savings resulting from lighting interaction with mechanical equipment will not be eligible for an Energy Efficiency Incentive.

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

INCENTIVES FOR ENERGY EFFICIENCY MEASURES: (continued)

Energy Efficiency Incentive caps table

Measure Category	Percent of Energy Efficiency Project Cost Cap	1-year Simple Payback Cap for Energy Efficiency Project[1]
Measures Listed in Incentive Tables		
Lighting – Retrofit	50%	Yes
Lighting – New Construction/Major Renovation	None	No
Motors	None	No
HVAC	None	No
Building Envelope	None	No
Food Service	None	No
Other[4]	None	No
Appliances	None	No
Irrigation[3]	None	No
Dairy/Farm Equipment	None	No
Compressed Air	None	No
Measures Not Listed In Incentive Tables		
Exterior Lighting – New Construction/Major Renovation Measures Receiving a Custom Incentive	None	No
Other Measures Receiving Custom Incentive	50%	Yes

1 The 1 year simple payback cap means Energy Efficiency Incentives will not be available to reduce the simple payback of an Energy Efficiency Project below one year. If required, individual EEM Energy Efficiency Incentives will be adjusted downward pro-rata so the Energy Efficiency Project has a simple payback after incentives of one year or more.
2 EEM costs are subject to Company review and approval and Company may require additional documentation from the Customer or owner.
3 Two irrigation Energy Efficiency Measures have a measure cost cap. See the Irrigation incentive table for details.
4 The Network Personal Computer Power Management Software measure has a measure cost cap. See the Office incentive table for details.

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

INCENTIVE FOR ENERGY EFFICIENCY MEASURES: (continued)

Company may adjust baseline electric energy consumption and costs to reflect any of the following: energy codes, standard practice, changes in capacity, changes in production or facility use and equipment at the end of its useful life. Such adjustments may be made for lighting energy efficiency measures installed in New Construction/Major Renovation projects where energy code does not apply.

The baseline wattage for all Retrofit linear fluorescent lighting Energy Efficiency Measures shall be the lesser a) Wattage of existing equipment or b) Wattage of deemed baseline ballast and lamp combination as listed in the lighting table available on the Utah energy efficiency program section of the Company web site.

All EEM Costs are subject to Company review and approval prior to offering an Energy Efficiency Incentive Agreement. All final EEM Costs are subject to Company review and approval prior to paying an Energy Efficiency Incentive per the terms of the Energy Efficiency Incentive Agreement or approved Application. Company review and approval of EEM Costs may require additional documentation from the Customer or Owner.

The Owner or Customer may receive a financial incentive for EEM purchase/installation from only one Company program per EEM. Financial incentives include Energy Efficiency Incentive payments and Self-Direction Credits.

PROVISIONS OF SERVICE:

(1) Company may elect to offer EEM incentives through different channels and at different points in the sales process other than individual Energy Efficiency Incentive Agreement(s) prior to EEM purchase. The differences will depend on EEM and will be consistent for all EEMs of similar type. Incentive requirements by EEM type and other terms and conditions will be available on the Utah energy efficiency program section of the Company's web site. Changes in incentive requirements and/or terms and conditions may be changed by the Company with at least 45 days notice on the Utah energy efficiency program section of the Company's web site. Customer/Owner has the option to receive a signed Energy Efficiency Incentive Agreement direct from the Company prior to purchase of eligible EEMs.

(2) Company may offer payment as described on the Utah energy efficiency program section of the Company web site to design team members to encourage early initial Company consultation on Owner/Customer design and plans for New Construction/Major Renovation.

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

PROVISIONS OF SERVICE: (continued)

(3) Company will employ a variety of quality assurance techniques during the delivery of the program. They will differ by EEM and may include pre and post installation inspections, phone surveys, confirmation of customer and equipment eligibility.

(4) Company may verify or evaluate the energy savings of installed EEMs. This verification may include a telephone survey, site visit, review of plant operation characteristics, and pre- and post-installation of monitoring equipment and as necessary to quantify actual energy savings.

ELECTRIC SERVICE REGULATIONS: Service under this Schedule will be in accordance with the terms of the Electric Service Agreement between the Customer and the Company. The Electric Service Regulations of the Company on file with and approved by the Public Service Commission of the State of Utah, including future applicable amendments, will be considered as forming a part of and incorporated in said Agreement.

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ELECTRIC SERVICE SCHEDULE NO. 115 – Continued

Table 1a - Retrofit Lighting Energy Efficiency Measures

Measure	Category	Eligibility Requirements	Incentive
T8 Fluorescent	Standard	4' Lamp ≤32 Watts, Electronic ballast with Ballast Factor ≤0.88 (See Note 3)	$3/Lamp
	Premium	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast included on qualified ballast list	$7/Lamp
	Delamp	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast. Must remove one or more lamps. To delamp an existing fixture, the lamp and all corresponding sockets must be permanently disabled.	$21/Lamp Removed
	Relamp	Lamp wattage reduction ≥3 Watts, No ballast retrofit	$0.25/Lamp
	High Bay	4' CEE Qualified High Performance Lamp. Must replace T12HO, Incandescent, or HID.	$20/Lamp
	Continuous Operation	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast included on qualified ballast list installed in a continuous operation application	$20/Lamp
T5 Fluorescent	Standard	4' Nominal Lamp ≤28 Watts, Ballast Factor ≤1.0	$5/Lamp
	Relamp	Lamp wattage reduction ≥3 Watts, No ballast retrofit	$0.25/Lamp
	High Bay	4' Nominal High Output Lamp	$20/Lamp
	Continuous Operation	4' Nominal High Output Lamp installed in a continuous operation application	$20/Lamp
Cold Cathode	Screw-in Lamp	All wattages	$5/Lamp
Compact Fluorescent Lamp (CFL)	Screw-in Lamp	All wattages (See Note 8)	$2/Lamp
	Hardwired Fixture	All wattages	$5/Fixture
Ceramic Metal Halide (CMH)	CMH Fixture	All wattages	$35/Fixture
Pulse Start Metal Halide (PSMH)	PSMH Fixture	Wattages > 500W	$60/Fixture
	Electronic Ballast	Must be used in place of or replace a magnetic ballast	$20/Ballast
Induction	Induction Fixture	All wattages, New fixtures only	$125/Fixture
LED	Integral Screw-in Lamp	LED must be listed on qualified equipment list	$10/Lamp
	Recessed Downlight	LED must be listed on qualified equipment list	$10/Fixture
	Outdoor Area and Roadway	LED must be listed on qualified equipment list	$100/Fixture
	Parking Garage	LED must be listed on qualified equipment list	$100/Fixture
	High and Low Bay	LED must be listed on qualified equipment list	$100/Fixture

(continued)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Notes for Table 1a:

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by the Company.
2. Incentives are capped at 50 percent of Energy Efficiency Project Costs and subject to the one-year payback cap.
3. The incentive for Standard T8 Fluorescent will no longer be available effective July 14, 2012.
4. 2' U-tube lamps may be substituted for 4' linear fluorescent lamps.
5. Incentives for T8 Fluorescent Premium Delamps may not be combined with other linear fluorescent lamp or fixture incentives. Complete fixture removals are not eligible.
6. Incentives for T8 Fluorescent Relamps may not be combined with other linear fluorescent lamp or fixture incentives and will only be paid once per facility.
7. Qualified equipment lists referenced in the above table are posted on the Utah energy efficiency program section of the Company's website.
8. The incentive for Screw-In CFL Lamps will no longer be available effective January 1, 2014.

BF = Ballast Factor
CEE = Consortium for Energy Efficiency
CFL = Compact Fluorescent Lamp
CMH = Ceramic Metal Halide
HID = High Intensity Discharge (e.g. Mercury Vapor, High Pressure Sodium, Metal Halide)
HO = High Output
LED = Light-Emitting Diode
PSMH = Pulse-Start Metal Halide

Table 1b – Lighting Controls and Non-General Illuminance Incentives (Retrofit Only)

Measure	Category	Eligibility Requirements	Incentive
Lighting Control	Occupancy Control	PIR, Dual Tech, or Integral Sensor	$75/Sensor
	Daylighting Control	Must control interior fixtures with driver or qualifying ballast that dims 50% or more of the fixture in response to daylight.	$75/Sensor
	Advanced Daylighting Control	Must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same space.	$150
	Dimming Ballast	Continuous, Stepped, or Bi-level ballast or automated control that dims 50% or more of the fixture. Must be controlled by a qualifying occupancy or daylighting control.	$15/Ballast

(continued)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 1b – Lighting Controls and Non-General Illuminance Incentives (Retrofit Only) (continued)

Measure	Category	Eligibility Requirements	Incentive
Non-General Illuminance	Exit Sign	LED or photoluminescent replacing incandescent or fluorescent	$15/Sign
	LED Message Center Sign	LED replacing existing incandescent signage	$5/Lamp
	LED Channel Letter Sign	LED replacing existing neon or fluorescent signage	$5/Linear Foot
	LED Marquee/Cabinet Sign	LED replacing existing fluorescent signage	$5/Linear Foot

Notes for Table 1b:
1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by the Company.
2. Incentives are capped at 50 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year.
3. Incentives for Advanced Daylighting Controls may not be combined with Occupancy Control or Daylighting Control incentives.

PIR = Passive Infrared
Dual Tech = Sensors combining ultrasonic and passive infrared
LED - Light-emitting Diode

Table 1c – New Construction/Major Renovation Lighting Incentives

Measure	Category	Eligibility Requirements	Incentive
Interior Lighting	Lighting and Lighting Control	1. The total connected interior lighting power for New Construction/Major Renovation projects must be 10% lower than the interior lighting power allowance calculated under the applicable version of the state energy code. For New Construction/Major Renovation projects not included in the state energy code, the total connected lighting power must be 10% lower than common practice as determined by the Company. 2. Energy savings is subject to approval by the Company	$0.08/kWh annual energy savings
Exterior Lighting	Induction Fixture	All Wattages, New Fixtures Only	$125/Fixture
	LED Outdoor Area and Roadway	LED must be listed on qualified fixture list	$100/Fixture
	CFL Wall Pack	All Wattages, Hardwire Fixtures Only	$30/Fixture
	Lighting Control	Integral occupancy sensor which must control a linear fluorescent, induction, or LED fixture. Sensor must be installed on a continuous duty light	$75/sensor

CFL – Compact Fluorescent Lamp
LED - Light-Emitting Diode

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ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 2 - Motor Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Electronically Commutated Motor (ECM)	≤1 horsepower	Refrigeration application	--	$0.50/watt
		HVAC application	--	$50/horsepower
Variable-Frequency Drives (HVAC fans and pumps)	≤100 horsepower	HVAC fans and pumps	See Note 2	$65/horsepower
Green Motor Rewinds	≥15 and ≤5,000 horsepower	--	Must meet GMPG Standards	$1/horsepower Refer to Note 3

Notes for Table 2:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Throttling or bypass devices, such as inlet vanes, bypass dampers, three-way valves, or throttling valves must be removed or permanently disabled to qualify for HVAC fan or pump VFD incentives. VFDs required by or used to comply with the applicable version of the energy code are not eligible for incentives. Savings will only be realized for installations where a variable load is present.
3. For Green Motor Rewinds, the participating electric motor service center is paid $2/horsepower for eligible Green Motor Rewinds. A minimum of $1/horsepower is paid by the service center to the Customer as a credit on the motor rewind invoice. The balance is retained by the service center. Green Motor Rewind motors that are installed or placed in inventory may qualify for an incentive.
4. Incentives are not available for National Electric Manufacturers Association (NEMA) Premium Efficiency Motors purchased on or after December 19, 2010.

ECM = Electronically Commutated Motor
GMPG = Green Motors Practices Group
HVAC = Heating, Ventilation and Air Conditioning
NEMA = National Electric Manufacturer's Association
VFD = Variable Frequency Drive

(continued)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 3a – HVAC Incentives

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$25/ton**	**$50/ton**	**$75/ton**
Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode)	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	All equipment sizes (three phase)	Split system and single package	--		
Unitary Commercial Air Conditioners, Water and Evaporatively Cooled	All equipment sizes	Split system and single package	--	CEE Tier 1	--
Packaged Terminal Air Conditioners (PTAC) (Cooling Mode)	≤8,000 Btu/hr	Single package	12.2 EER	--	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	11.9 EER	--	--
	≥10,500 Btu/hr and ≤13,500 Btu/hr	Single package	10.7 EER	--	--
	> 13,500 Btu/hr	Single package	9.9 EER	--	--
Packaged Terminal Heat Pumps (PTHP) (Heating & Cooling Mode)	≤8,000 Btu/hr	Single package	--	12.2 EER and 3.4 COP	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	--	11.5 EER and 3.3 COP	--
	≥10,500 Btu/hr and ≤13,500 Btu/hr	Single package	--	10.7 EER and 3.1 COP	--
	> 13,500 Btu/hr	Single package	--	9.8 EER and 3.0 COP	--
Heat Pumps, Air-Cooled (Cooling Mode)	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65, 000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥65,000 Btu/hr (three phase)	Split system and single package	--		--
Heat Pumps, Air-Cooled (Heating Mode) - See Note 3	< 65, 000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65, 000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥65,000 Btu/hr (three phase)	47°F db/43°F wb outdoor air	--		--
		17°F db/15°F wb outdoor air	--		--
Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	86°F Entering Water	--	CEE Tier 1	--

(continued)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 3a – HVAC Incentives (continued)

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$25/ton**	**$50/ton**	**$75/ton**
Heat Pumps, Water-Source (Heating Mode) - See Note 3	**< 135,000 Btu/hr**	**68°F Entering Water**	**--**	**CEE Tier 1**	**--**
Heat Pumps, Ground-Source or Groundwater-Source (Heating & Cooling Mode) - See Note 3	**All sizes**	**77°F Entering Water**	**--**	**ENERGY STAR Qualified**	**--**
Ground Source or Groundwater-Source Heat Pump Loop	**All sizes**		**$25/ton**	**--**	**--**

Notes for table 3a - HVAC equipment incentive table

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat Pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
4. Equipment size categories and capacities are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units <65,000 Btu/hr, AHRI Standard 340/360 for units ≥65,000 Btu/hr, and AHRI Standard 310/380 for PTAC and PTHP units.
5. Ground and Water Source Heat Pumps must meet or exceed listed efficiency requirements when rated in accordance with ISO-13256-1 to qualify for the listed incentive.
6. Units rated with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established in the Consortium for Energy Efficiency Commercial Unitary Air Conditioning and Heat Pump specification effective January 16, 2009.
7. Efficiency requirements align with the Unitary Air-Conditioning and Heat Pump Specification maintained by the Consortium for Energy Efficiency for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed on the Company website.

AHRI = Air-Conditioning, Heating, and Refrigeration Institute
CEE = Consortium for Energy Efficiency
COP = Coefficient of Performance
EER = Energy Efficiency Ratio
HSPF = Heating Seasonal Performance Factor
HVAC = Heating, Ventilation and Air-Conditioning
IEER = Integrated Energy Efficiency Ratio
IPLV = Integrated Part Load Value
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio

(Continued)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 3b –Other HVAC Incentives

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling	All sizes	Direct or Indirect		$0.06/ CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	$0.12/kWh annual energy savings + $50/kW See Note 2
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by energy code	$0.12/kWh annual energy savings + $50/kW See Note 3
Room Air Conditioner	Residential (used in a business)	See Home Energy Savings program	See Home Energy Savings program	See Note 4
365/366 day Programmable Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic setback capability	$150/thermostat
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control		See Note 5	$50/controller

Notes for Table 3b

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives paid at $0.12/kWh annual energy savings and $50/ kW average monthly demand savings. IDEC energy and demand savings subject to approval by the Company.
3. Incentives paid at $0.12/kWh annual energy savings and $50/ kW average monthly demand savings. Chiller energy and demand savings subject to approval by the Company.
4. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential equipment used in a business.
5. Controller units must include an occupancy sensor and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.

CFM = Cubic Feet per Minute
HVAC = Heating, Ventilating and Air Conditioning
IDEC = Indirect Direct Evaporative Cooling
ISR = Industry Standard Rating
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 4a – Building Envelope Incentives (Retrofit)

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation added	$0.05/square foot
Wall Insulation	--	Minimum increment of R-10 insulation added	$0.07/square foot
Windows (See Note 3, 4)	Site-Built	U-Factor ≤0.30 and SHGC ≤0.33 (Glazing Only Rating)	$0.35/square foot
	Assembly	U-Factor ≤0.30 and SHGC ≤0.33 (Entire Window Assembly Rating)	$0.35/square foot
Window Film	Existing Windows	See Note 5	$0.12/kWh annual energy savings (See Note 5)

Notes for Table 4a:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in the above table.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Incentives for window film are calculated based on film specifications and window orientation at $0.12/kWh annual energy savings. Energy savings subject to approval by the Company.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 4b – Building Envelope Incentives (New Construction/Major Renovation)

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR Qualified	$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above code (See Note 5)	$0.05/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above code (See Note 5)	$0.07/square foot
Windows (See Note 3, 4)	Site-Built	U-Factor ≤0.30 and SHGC ≤0.33 (Glazing Only Rating)	$0.35/square foot
	Assembly	U-Factor ≤0.30 and SHGC ≤0.33 (Entire Window Assembly Rating)	$0.35/square foot

Notes for Table 4b:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-Built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives in the above table.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Compliance with the minimum efficiency requirements of Roof/Attic and Wall Insulation measures may be demonstrated with equivalent U-factors and are subject to approval by the Company.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 5 – Food Service Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive/Unit
Residential Dishwasher	Used in a Business	See Home Energy Savings Program	See Note 2
Commercial Dishwasher (Electric Water Heating Only) (See Note 3)	Undercounter	ENERGY STAR Qualified	$500
	Stationary Rack, Single Tank, Door Type		$1,000
	Single Tank Conveyor		$1,500
	Multiple Tank Conveyor		$2,000
Electric Insulated Holding Cabinet	V ≥28	ENERGY STAR Qualified	$600
	13 ≤V < 28		$500
	V < 13		$400
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	$750
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	Heavy Load Efficiency ≥65%, Idle Energy Rate ≤23 kW (See Note 4)	$840
Electric Convection Oven	--	>70% cooking efficiency (See Note 4)	$350
Electric Griddle	Tier 1	ENERGY STAR Tier 1 Qualified	$250
	Tier 2	ENERGY STAR Tier 2 Qualified	$350
Electric Combination Oven	--	Heavy Load Efficiency ≥70%, Idle Energy Rate ≤3.5 kW (See Note 4)	$1,000
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	$200
	Tier 2	Cooking Efficiency ≥86.6%, Idle Energy Rate ≤772 Watts (See Note 4)	$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest Rate < 500 lbs/day	ENERGY STAR Qualified	$125
	Tier 1: Harvest Rate ≥500 lbs/day		$150
	Tier 2: Harvest Rate < 500 lbs/day	CEE Tier 2 Qualified	$250
	Tier 2: Harvest Rate ≥500 lbs/day		$400
Residential Refrigerator	Used in a Business	See Home Energy Savings Program	See Note 2

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 5 – Food Service Equipment Incentives (Continued)

Commercial Glass Door Refrigerator	0 < V < 15	ENERGY STAR Qualified	$100
	15 ≤V < 30		$125
	30 ≤V < 50		$150
	50 ≤V		$175
	Chest Configuration		$75
Commercial Glass Door Freezer	0 < V < 15	ENERGY STAR Qualified	$300
	15 ≤V < 30		$325
	30 ≤V < 50		$375
	50 ≤V		$800
	Chest Configuration		$100
Commercial Solid Door Refrigerator	0 < V < 15	ENERGY STAR Qualified	$50
	15 ≤V < 30		$75
	30 ≤V < 50		$100
	50 ≤V		$125
	Chest Configuration		$75
Commercial Solid Door Freezer	0 < V < 15	ENERGY STAR Qualified	$150
	15 ≤V < 30		$175
	30 ≤V < 50		$200
	50 ≤V		$300
	Chest Configuration		$150
High-Efficiency Refrigerated Beverage Vending Machine (See Note 5)	Class A	MDEC = 0.055 x V +2.56	$150
	Class B	MDEC = 0.073 x V +3.16	
LED Case Lighting (Retrofit Only)	--	LED replacing fluorescent lighting in refrigerated cases.	$10/linear foot
Refrigerated Case Occupancy Sensor (Retrofit Only)	--	Installed in existing refrigerated case with LED lighting	$1/linear foot

Notes for Table 5:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.
3. Commercial Dishwashers must be supplied with electrically heated domestic hot water. Models with either electric or gas booster heaters are eligible for incentives.
4. To meet the Minimum Efficiency Requirement(s) listed, values must be based on testing in accordance with the applicable ASTM Standard Test Method.
5. Qualifying Beverage Vending Machines must be purchased prior to August 31, 2012. Beverage Vending Machines purchased after August 31, 2012 will not be eligible for incentives.

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Notes for Table 5: (Continued)
CEE = Consortium for Energy Efficiency
ASTM = American Society for Testing and Materials
MDEC = Maximum Daily Energy Consumption
V = Volume (cubic feet)

Table 6 Office Equipment Incentives

Equipment Type	Minimum Efficiency Requirements	Customer Incentive
Network PC Power Management Software	1. Installed software must automatically control the power settings of networked personal computers (PC) at the server level 2. The software must manage power consumption for each individual PC 3. The software must include the capability to report energy savings results	$7 per controlled PC (up to 100% of Energy Efficiency Measure Costs)
Smart Plug Strip	1. Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor, electric load sensor, or timer. 2. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.)	$15/qualifying unit

Notes for Table 6:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Energy Efficiency Measure Costs for Network PC Power Management Software are subject to Company approval.

PC = Personal Computer

Table 7 – Appliance Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive
High-Efficiency Clothes Washer (must have electric water heating)	Residential (used in a business)	See Home Energy Savings Program	See Note 3
	Commercial	ENERGY STAR Qualified	$150
		CEE Tier 2 Qualified	$200
Electric Water Heater	Residential (used in a business)	See Home Energy Savings Program	See Note 3

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Notes for Table 7:
1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Equipment must meet the efficiency rating standard that is in effect on the date of purchase.
3. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

CEE = Consortium for Energy Efficiency

Table 8 - Irrigation Incentives (Retrofit Only)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
Sprinkler Pressure Regulators	Worn or faulty regulator	New pressure regulator	Must be same design pressure or less	$2.75 each
Rotating, Spray-Type or Low-Pressure Sprinklers	Worn rotating, spray-type, low-pressure, or impact sprinklers	New rotating, spray-type, or low-pressure sprinklers	Must be same design flow or less	$3.00 each (up to 50% of EEM Cost)
New or Rebuilt Impact Sprinklers	Worn or leaking impact sprinkler	New or rebuilt impact sprinkler	--	$3.00 each (up to 50% of EEM Cost)
Sprinkler Nozzles	Existing worn nozzles	New brass or plastic nozzles	Must be same design flow or less	$0.25 each
Flow-Controlling Type Nozzles	Existing worn flow-controlling type nozzles	New flow-controlling type nozzles	Must be same design flow or less	$1.50 each
Drains and Gaskets for Wheel Lines, Hand Lines, Pivots, Linears or Portable Main Lines	Worn or leaking drains and gaskets	New drains or gaskets (Also includes seals and riser caps (dome discs) for valve openers)	--	$1.00 each (up to 100% of EEM Cost)
Gooseneck Elbow with Drop Tube or Boomback	Worn or leaking gooseneck elbow with drop tube or boomback	New gooseneck elbow with drop tube or boomback	--	$1.00/outlet
Repair Leaking Wheel Lines, Hand Lines or Portable Main Lines	Worn or leaking pipe connections or sections	Cut and pipe press or weld repair of leaking pipe connections or sections	Invoice must show number of joints or leaks repaired	$8.00/joint
New or Rebuilt Wheel line Levelers	Worn or faulty wheel line leveler	New or rebuilt wheel line leveler	--	$0.75 each

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 8 - Irrigation Incentives (Retrofit Only) (Continued)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
Center Pivot Base Boot Gasket	Worn or leaking center pivot base boot gasket	New center pivot base boot gasket	--	$80.00 each
Wheel line Feed Hose	Worn or leaking wheel line feed hose	New or rebuilt wheel line feed hose	--	$15.00 each
Wheel line Hubs (for Thunderbird type wheel lines)	Worn or leaking hub	New wheel line hub	--	$12.00 each
Irrigation Pump VFD	--	Add VFD to existing irrigation pump motor	--	$0.12/kWh annual energy savings (See Note 4)

Notes for Table 8:

1. Irrigation measures that meet the replacement requirements listed in the above table may qualify for the listed incentive. Except for the Irrigation Pump VFD measure, fixed in place systems are not eligible for the incentives listed above.
2. All equipment listed in the above table will be eligible for incentives only in replacement or Retrofit projects.
3. For measures where the incentive is limited to 50% of Energy Efficiency Measure Costs, Energy Efficiency Measure Costs are subject to Company approval.
4. Incentives are paid at $0.12/kWh annual energy savings. Irrigation Pump VFD annual energy savings subject to approval by the Company.

EEM = Energy Efficiency Measure
VFD = Variable Frequency Drive

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 9 - Dairy/Farm Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Automatic Milker Takeoffs (Retrofit Only)	--	Equipment must be able to sense milk flow and remove milker when flow reaches a pre-set level. The vacuum pump serving the affected milking units must be equipped with a VFD to slow the vacuum pump's speed when demand for vacuum is reduced. Incentive available for retrofit only. Replacement of existing automatic milker takeoffs is not eligible for incentives, except where the Company permits as a Custom Energy Efficiency Incentive.	$235 each
Agricultural Engine Block Heater Timers	--	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	$10 each
Circulating Fans (See Note 2)	12-23" Diameter	Fans must achieve an efficiency level of 11 cfm/Watt	$25/fan
	24-35" Diameter	Fans must achieve an efficiency level of 18 cfm/Watt	$35/fan
	36-47" Diameter	Fans must achieve an efficiency level of 18 cfm/Watt	$50/fan
	≥48" Diameter	Fans must achieve an efficiency level of 25 cfm/Watt	$75/fan
Heat Reclaimers	--	Heat reclaimer must use waste heat from refrigeration compressor to heat water. Customer must use electricity to heat water.	$220/condenser kW
High-efficiency Ventilation Systems (See Note 2)	12-23" Diameter	Fans must achieve an efficiency level of 11 cfm/Watt	$45/fan
	24-35" Diameter	Fans must achieve an efficiency level of 13 cfm/Watt	$75/fan
	36-47" Diameter	Fans must achieve an efficiency level of 17 cfm/Watt	$125/fan
	≥48" Diameter	Fans must achieve an efficiency level of 19.5 cfm/Watt	$150/fan
Milk Pre-coolers	--	The equipment must cool milk with well-water before it reaches the bulk cooling tank.	$0.15/kWh annual energy savings (See Note 3)

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 9 - Dairy/Farm Equipment Incentives (Continued)

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Programmable Ventilation Controllers	--	The equipment must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.	$20/fan controlled
Variable Frequency Drives for Dairy Vacuum Pumps (Retrofit Only)	--	The equipment must vary the motor speed in accordance with the air flow needs of the vacuum system. Incentive available for retrofit only for systems without an existing VFD.	$165/hp

Notes for Table 9:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives are paid at $0.15/kWh annual energy savings. Milk Pre-Cooler energy savings subject to approval by the Company.
4. Except where noted, all equipment listed in the table will be eligible for incentives in both New Construction and Retrofit projects.

AMCA = Air Movement & Control Association International, Inc.
ANSI = American National Standards Institute
VFD = Variable Frequency Drive

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 10 - Compressed Air Incentives

Equipment Category	Replace	With	Limitations	Unit	Customer Incentive
Low-Pressure Drop Filters	Standard Coalescing Filter	Rated Low-Pressure Drop Filter where: 1.Pressure loss at rated flow is ≤ psi when new and ≤ psi at element change 2.Particulate filtration is 100% at ≥3.0 microns and 99.98% at 0.1 to 3.0 microns, with ≤5ppm liquid carryover 3.Filter is deep-bed "mist eliminator" style, with element life ≥5 years 4.Rated capacity of filter is ≤500 scfm	1. Compressor system must be ≥ 25 HP and ≤75 HP	scfm	$0.80/scfm
Receiver Capacity Addition	Limited or no Receiver Capacity (≤2 gallons per scfm of trim compressor capacity)	Total tank receiver capacity after addition must be > 2 gallons per scfm of trim compressor capacity	1. Compressor system size ≤75 horsepower 2. Trim compressor must use load/unload controls without inlet modulation or on/off control. 3. Systems with a VFD or using variable displacement control on trim compressor are not eligible.	gal	$1.50/gal above 2 gal/scfm
Refrigerated Cycling Dryers	Non-Cycling Refrigerated Dryer	Cycling Refrigerated Dryer	1. Compressor system size ≤75 horsepower 2. Rated dryer capacity must be ≤ 500 scfm 3. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode 4. Refrigeration compressor must cycle off during periods of reduced demand.	scfm	$1.50/scfm

ELECTRIC SERVICE SCHEDULE NO. 115 - Continued

Table 10 - Compressed Air Incentives (Continued)

Equipment Category	Replace	With	Limitations	Unit	Customer Incentive
VFD Controlled Compressor	Compressor 75 hp or Smaller	≤75 hp single operating VFD-controlled oil-injected screw compressor	1. Single operating compressor ≤ 75 HP 2. Compressor must adjust speed as primary means of capacity control 3. Compressor must not use inlet modulation when demand is below the minimum speed threshold of the VFD compressor	hp	$0.15/kWh annual energy savings (See Note 3)
Zero Loss Condensate Drains	Fixed Timer Drain	Zero Loss Condensate Drain (See Note 4)	Drain is designed to function without release of compressed air into the atmosphere. (No maximum compressor size)	Each	$90 each
Outside Air Intake	Compressor intake drawing air from compressor room	≤75 hp compressor where permanent ductwork between compressor air intake and outdoors.	1. Compressor system size ≤75 HP. 2. Ductwork must meet manufacturer's specifications, which may include: (a) ≤0.25" W.C. pressure loss at rated flow, and (b) allow use of compressor room air during extremely cold outdoor air conditions	hp	$6.00/hp

Notes for Table 10:

1. Eligibility for the above Energy Efficiency Incentives, except Zero Loss Condensate Drains and VFD Controlled Compressors, is limited to customers with compressed air system(s) containing compressors with a total system horsepower less than or equal to 75 hp in size.
2. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
3. Incentives for VFD-controlled compressors are calculated based on compressor size and other system parameters at $0.15/kWh annual energy savings. Energy savings is subject to approval by the Company.
4. Zero Loss Condensate Drains purchased as requirements for other compressed air Energy Efficiency Measures are eligible for incentives.

HP = horsepower
PPM = parts per million
PSI = pounds per square inch
SCFM = Cubic Feet of air per Minute at standard conditions (14.5 psia, 68°F, and 0% relative humidity)
VFD = Variable Frequency Drive

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 125

STATE OF UTAH

Commercial & Industrial Energy Services
Optional for Qualifying Customers

PURPOSE: Service under this schedule is intended to maximize the efficient utilization of the electricity requirements of new and existing loads in Commercial and Industrial Facilities by promoting the installation of Energy Efficiency Measures.

APPLICABLE: To service under the Company's General Service Schedules 6, 6A, 6B, 8, 9, 9A, 10, 21 and 23 in all territory served by the Company in the State of Utah. This Schedule is not applicable to existing Commercial Buildings under 20,000 square feet. This schedule is applicable to dairy barns served on the Company's residential rate schedules. Square footage is the total Building or Facility area served by the Company's meter(s).

DEFINITIONS:

Annual kWh Savings: The annual kilowatt-hour (kWh) savings resulting from installation of the Energy Efficiency Measures, as estimated by Company using engineering analysis.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

DEFINITIONS: (continued)

Average Monthly kW Savings: The Average Monthly kilowatt (kW) savings resulting from the installation of Energy Efficiency Measures as estimated by Company using engineering analysis as described below:

Average Monthly kW Savings = (baseline average monthly kW - proposed average monthly kW), where;

⇒ Average monthly kW = sum of the 12 Monthly Maximum kW/12, where;
⇒ Monthly Maximum kW = highest of all 15 minute average kW (as determined below).
⇒ 15 minute average kW = sum of kWh used over 0.25 hrs/0.25 hrs

Baseline Level:

Baseline Adjustments: Company may adjust baseline electric energy consumption and costs during engineering analysis to reflect any of the following: energy codes, standard practice, changes in capacity, changes in production or facility use and equipment at the end of its useful life. For existing fixtures, baseline wattages for all fluorescent lighting Energy Efficiency Measures in all facilities shall be the lesser of existing equipment or the energy efficiency magnetic ballast and energy savings lamp combination listed in the lighting table available on the Utah energy efficiency program section of the Company web site.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

DEFINITIONS: (continued)

Commercial Building: A structure that is served by Company and meets the applicability requirements of this tariff at the time an Energy Efficiency Incentive Agreement is executed which does not meet the definition of an Industrial Facility.

Commissioning: The process of verifying and documenting that the performance of electric energy using systems meets the design intent and Owner's operational requirement.

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

Energy Efficiency Incentive: Payment of money made by Company to Owner or Customer for installation of an Energy Efficiency Project pursuant to an executed Energy Efficiency Incentive Agreement.

Energy Efficiency Incentive Agreement: An agreement between Owner or Customer and Company providing for Company to furnish Energy Efficiency Incentive with respect to an Energy Efficiency Project pursuant to this tariff Schedule.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

DEFINITIONS: (continued)

Energy Efficiency Measure (EEM): Permanently installed measure specified in an Energy Efficiency Incentive Agreement which can improve the efficiency of the Customer's electric energy use. EEMs designed to primarily reduce Average Monthly kW must also improve the electric energy efficiency to be eligible for Energy Efficiency Incentives.

Energy Efficiency Measure (EEM) Cost:
New construction: EEM Cost is the total installed cost of energy efficiency equipment or system minus the cost of the code compliance/common practice equipment or system.

Major renovation: EEM Cost is the total installed cost of the energy efficient equipment or system minus the cost of the code compliance/common practice equipment or system.

Retrofit: EEM Cost is the total installed cost of the energy efficiency equipment or modification.

In the case of both new construction, major renovation and retrofits, EEM Costs shall mean the Owner or Customer's reasonable costs incurred (net of any discounts, rebates or incentives other than Energy Efficiency Incentives from the Company, or other consideration that reduces the final actual EEM Cost incurred by the Owner or Customer) to purchase and install EEMs at the Owner or Customer's facility. If the Owner or Customer installs the EEM then the cost of installation shall be equal to the Owner's or Customer's actual labor costs for such installation.

Energy Efficiency Project: One or more EEM(s) covered by one Energy Efficiency Incentive Agreement. Annual kWh and Average Monthly kW savings for an Energy Efficiency Project shall be the sum of the individual EEM values.

Energy Efficiency Project Cost: Energy Efficiency Project Cost shall be the sum of the individual EEM costs.

Industrial Facility: Buildings and process equipment associated with manufacturing.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 125 – Continued

DEFINITIONS: (continued)

Mixed Use: Buildings served by a residential rate schedule and a rate schedule listed under **Applicable** shall be eligible for services under this schedule provided the Energy Efficiency Project meets the definition of New Construction or Major Renovation.

New Construction: A newly constructed facility or newly constructed square footage added to an existing facility.

Major Renovation: A change in facility use type or where the existing system will not meet owner/customer projected requirements within existing square footage.

Owner: The person who has both legal and beneficial title to the real property specified in an Energy Efficiency Incentive Agreement or Energy Services Agreement who is the mortgagor under a duly recorded mortgage or the grantor under a duly recorded deed of trust or a purchaser under a duly recorded agreement with respect to such real property.

Retrofit: Changes, modifications or additions to systems or equipment in existing facility square footage.

Supplemental Services Agreement: An agreement between Owner or Customer and Company providing for Company to furnish Supplemental Services with respect to Supplemental Services section of this Tariff Schedule.

INCENTIVES FOR ENERGY EFFICIENCY PROJECTS:

Energy Efficiency Incentives: Energy Efficiency Incentives made by the Company for installation of EEMs pursuant to an Energy Efficiency Incentive Agreement shall be the **lesser** of the sum of (a) and (b) **OR** (c):

(a) $0.12/kWh for the Energy Efficiency Project Annual kWh savings as determined using Company provided or approved engineering analysis;
(b) $50/kW for Energy Efficiency Project Average Monthly kW savings determined using Company provided or approved engineering analysis.
(c) 50% of the Energy Efficiency Project Cost as determined by the Company.

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ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

INCENTIVES FOR ENERGY EFFICIENCY PROJECTS (continued)

Energy Efficiency Projects are eligible for Energy Efficiency Incentives per Table 1 below.

Table 1

Program track	**Design Assistance**	**Standard**	**Standard**	**Standard**
Project Scope	Comprehensive	System	System	System
Type	New Construction/ Major renovation	New Construction/ Major renovation	New Construction/ Major renovation	Retrofit
Energy code applies	Yes	Yes	No	No
Energy savings threshold	Must exceed code by 10% - whole building electric basis	Qualifying equipment must exceed code	none	none
Owner/Customer Energy Efficiency Incentive caps applied to the Energy Efficiency Project				
50 % of project cost cap	No	Yes	Yes	Yes
1 year simple payback cap	No	Yes	Yes	Yes
Lighting savings cap	75%	50%	50%	50%
Design team incentives				
Honorarium	Yes	Yes	Not available	Not available
Design Incentive	Based on project size	Not available	Not available	Not available

ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

INCENTIVES FOR ENERGY EFFICIENCY PROJECTS: (continued)

All proposed Energy Efficiency Measure costs are subject to Company review and approval prior to offering an Energy Efficiency Incentive Agreement. All final Energy Efficiency Measure costs are subject to Company review and approval prior to paying an Energy Efficiency Incentive per the terms of an Energy Efficiency Incentive Agreement. Company review and approval of Energy Efficiency Measure costs may require additional documentation from the Customer or Owner.

For the purposes of calculating maximum annual electric savings resulting from lighting, electric savings resulting from lighting interaction with mechanical equipment and from lighting controls will be considered to be lighting savings.

The ten percent whole building energy savings threshold shall be calculated as follows: The Energy Efficiency Project must reduce the proposed electric energy consumption by at least 10% when compared to the baseline level of whole building electric energy consumption that would have resulted under the applicable Utah energy code. The baseline and proposed building design shall be modeled using the methodology defined in Informative Appendix G to ASHRAE 90.1 2004 using values from the applicable Utah energy codes. The date of the building permit application shall establish the applicable version of the code.

The Customer or Owner may receive only one financial incentive from the Company per EEM. Financial incentives include Energy Efficiency Incentive payments and Self-Direction Credits.

Design team payments are available per Table 1 and the terms posted on the Utah energy efficiency program section of the Company web site.

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ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

PROVISIONS OF SERVICE:

(1) **Energy Analysis**

Company shall meet with Customer or Owner and any design team and may perform an initial site visit/plans review to determine what EEMs may be appropriate for an energy analysis.

(2) **Supplemental Services**

Company may offer Supplemental Services beyond those described elsewhere in this Tariff Schedule through a Supplemental Services Agreement. Supplemental services shall include, but are not limited to: detailed design, life cycle costs calculations or compliance documentation for green or high performance building standards. Company will negotiate the amount and terms of the supplemental services on a project specific basis and may require any or all of the following: installation of EEMs delivering a certain amount of annual kWh savings, offset of a portion of the available incentive or direct reimbursement of a portion (up to 100%) of the direct Company costs for the service provided.

(3) **EEM Inspection**

Company will inspect any EEMs which are funded by or installed under this program. Satisfactory inspection by Company will be required prior to receiving Energy Efficiency Incentives specified in the Energy Efficiency Incentive Agreement.

(4) **EEM Commissioning**

Company will require that EEMs as specified in the Energy Efficiency Incentive Agreement be commissioned prior to receiving Energy Efficiency Incentives specified in the Energy Efficiency Incentive Agreement.

(4a) **Commissioning Opt-Out:** Required EEM Commissioning may be omitted with the following adjustments. Annual kWh savings, Average Monthly kW savings and eligible EEM Costs will all be reduced by 20% and an Energy Efficiency Incentive calculated using the provisions specified under Incentives for Energy Efficiency Projects. EEMs where the Owner or Customer has "opted–out" of EEM Commissioning and are later commissioned are not eligible for an additional Energy Efficiency Incentive after the Energy Efficiency Project Incentive is paid.

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ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

PROVISIONS OF SERVICE: (continued)

(5) **Measure Performance Verification/Evaluation**

Company may verify or evaluate the energy savings of installed Energy Efficiency Measures specified in the Energy Efficiency Incentive Agreement. This verification may include a telephone survey, site visit, review of plant operation characteristics, and pre- and post-installation of monitoring equipment as necessary to quantify actual energy savings.

(6) **Minimum Equipment Efficiency**

For Retrofit Energy Efficiency Projects, EEMs must meet minimum equipment efficiency levels and equipment eligibility requirements in Schedule 115 to be eligible for incentives available under this Schedule.

(7) **Prior Energy Service program participation requirements and definitions:**

- Energy Efficiency Payments are not available to Owners after July 16, 2001. The elimination of the Energy Service Charge portion associated with Schedule 125 does not affect Energy Service Charges' currently outstanding and obligations pursuant to an executed Energy Services Agreement remain in effect until the Energy Efficiency Payment with interest is re-paid in full.
- **Energy Efficiency Payments:** Any payments of money made by Company to Owner for installation of EEMs pursuant to an Energy Services Agreement.
- **Energy Services Agreement:** An agreement between the Owner and the Company providing for Company to furnish or provide Energy Efficiency Payments with respect to EEMs pursuant to this Tariff Schedule.
- **Energy Services Charge:** As specified in the Energy Services Agreement, the monthly Energy Services Charge is that monthly payment required to repay the Energy Efficiency Payments, with interest at the Melded Interest Rate or the Performance Guarantee Interest Rate as applicable, in equal monthly payments over the term specified in the Energy Services Agreement.

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ELECTRIC SERVICE SCHEDULE NO. 125 - Continued

PROVISIONS OF SERVICE: (continued)

(8) Energy Efficiency Incentives will not be made available to induce fuel switching by Owner.

(9) Design team incentives: Company may offer incentives to a design team member with current professional certification including architects and engineers. Incentives are available per table 1 in this schedule and include honorariums and design incentives.

Honorariums are designed to encourage early initial Company consultation on Owner/customer's design and plans. Honorariums will be equally available to all professionally certified architects and engineers for Utah projects within Company's territory and will be limited to one honorarium per project.

Design incentives will be offered to all professionally certified architects and engineers for Utah projects within Company's territory. Payment of incentives to the design team will require final construction documents include an efficient design meeting company requirements. Incentives will be based on the square footage of the project and limited to one per project.

Additional conditions for design team incentives will be available on the Utah energy efficiency program section of the Company's web site and may be changed with 45 days notice posted on the web site.

ELECTRIC SERVICE REGULATIONS: Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part, and to those prescribed by regulatory authorities.

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 126

STATE OF UTAH

Utah Commercial & Industrial Re-Commissioning Program

PURPOSE: To reduce electrical energy consumption and peak demand requirements of existing electrical equipment in commercial and industrial facilities through systematic evaluation of systems and implementation of low cost measures.

APPLICABLE: This Schedule is applicable to existing Commercial Buildings, Industrial Facilities and Mixed Use Buildings receiving service under the Company's General Service Schedules 6, 6A, 6B, 8, 9, 9A, 10, 21 and 23 in all territory served by the Company in the state of Utah.

DEFINITIONS:

Commercial Building: A structure that is served by Company and meets the applicability requirements of this tariff at the time a Re-Commissioning Agreement is executed, and that does not meet the definition of an Industrial Facility.

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

Industrial Facility: Buildings and process equipment associated with manufacturing meeting the applicability requirements of this tariff at the time a Re-Commissioning Agreement is executed.

Mixed Use Buildings: Buildings served by the Company under a residential rate schedule and a rate schedule listed under "**Applicable**" shall be eligible for services under this schedule.

Measurement and Verification (M&V): The process of monitoring, measuring and/or verifying data related to equipment operation and electric energy

(continued)

ELECTRIC SERVICE SCHEDULE NO. 126 - Continued

DEFINITIONS: (continued)

consumption. M&V may be performed with either temporarily or permanently installed data logging equipment. M&V results are subject to Program Administrator approval.

Owner: The person who has both legal and beneficial title to the real property who is the mortgagor under a duly recorded mortgage or the grantor under a duly recorded deed of trust or a purchaser under a duly recorded agreement with respect to such real property.

Program Administrator: A qualified person or entity hired by the Company to administer this Schedule.

Re-Commissioning Agreement: An agreement between Owner or Customer and Company providing for Program Administrator to furnish Re-Commissioning Services with respect to this Schedule and providing for Re-commissioning Project Incentives as described in this Schedule, including the incentive amount to be paid by the Company to reduce the simple payback period to one year if deemed appropriate by the Program Administrator, and the obligations required of the Owner or Customer to receive the incentives.

Re-Commissioning Project Incentives: Re-Commissioning services and, if deemed appropriate by the Program Administrator, Company paid incentives as described in this Schedule.

Re-Commissioning Measure (RCM): A low-cost or no-cost change or addition to a facility or system that will improve energy efficiency without adversely affecting the operation of the facility or system.

Re-Commissioning Project: One or more RCMs and associated Re-Commissioning Services that have been approved by the Program Administrator.

Re-Commissioning Service Provider (RSP): A firm or individual with experience in offering building re-commissioning services, performing detailed electric energy savings calculations who is under contract with the Program Administrator to provide Re-Commissioning Services. The Program Administrator will develop and maintain specific contracts for individuals or firms whose regular business includes equipment sales, installation, and/or service.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 126 - Continued

DEFINITIONS: (continued)

Re-Commissioning Services: The process of identifying potential RCMs and conducting M&V in order to document approved energy efficiency resulting from RCMs at a facility eligible for services under this Schedule.

RE-COMMISSIONING PROJECT INCENTIVES:

All proposed Re-Commissioning Projects are subject to Program Administrator approval prior to offering a Re-Commissioning Agreement. Program Administrator will establish and make available on the Company web site, Re-Commissioning Project approval criteria such as minimum electric energy and demand savings, minimum Customer or Owner funds committed to project implementation, on-going operational commitments, as well as Customer or Owner obligations in the event an approved Re-Commissioning Project is not implemented in a timely manner.

RCM incentives will be available in accordance with the terms of a fully executed Re-Commissioning Agreement and shall consist of (a) or (a) and (b):

(a) Program-Administrator funded Re-Commissioning Services, where Customer or Owner shall provide specified minimum investments for RCM implementation costs, and where the estimated Re-Commissioning Project simple payback period is less than or equal to one year. Determination of Re-Commissioning Project simple payback period will be made by the Program Administrator.

(b) Incentives paid by Company deemed appropriate by the Program Administrator to reduce the Customer or Owner simple payback of a Re-Commissioning Project to one year. Payment of the incentive is subject to the terms and conditions of the Re-Commissioning Agreement.

The Customer or Owner may receive only one incentive from the Company per RCM, including Energy Efficiency Payments and Self-Direction Credits provided under other Schedules of the Company's tariff.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 126 - Continued

PROVISIONS OF SERVICE:

(1) Subsequent to Program Administrator approval of a proposed Re-Commissioning Project and prior to receipt of Re-Commissioning Project Incentives, the Customer or Owner shall be required to enter into a Re-Commissioning Agreement with the Company.

(2) Re-Commissioning Project Incentives are limited to Re-Commissioning Projects having a Customer's or Owner's simple payback (based on implementation costs) of less than three years before incentives.

(3) Re-commissioning Project Incentives will not be made available for identifying or quantifying savings or performing commissioning for purposes outside the scope of this program, including those in other Company energy efficiency programs.

(4) Re-Commissioning Project Incentives will not be made available to induce fuel switching by Owner or Customer.

(5) Owner or Customer is responsible for implementing the Re-Commissioning Project subject to the terms of the Re-Commissioning Agreement

(6) Company may verify or evaluate the energy and/or demand savings of the installed RCMs specified in the Re-Commissioning Agreement. This verification may include a telephone survey, site visit, review of facility operation characteristics, and pre and post installation monitoring equipment as necessary to estimate energy and/or demand savings.

ELECTRIC SERVICE REGULATIONS: Service under this Schedule is subject to the General Rules and Regulations contained in the tariff of which this Schedule is a part, and to those prescribed by regulatory authorities.

ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

ROCKY MOUNTAIN POWER

ELECTRIC SERVICE SCHEDULE NO. 192

STATE OF UTAH

Self-Direction Credit

PURPOSE: To allow customers to self-direct Schedule 193 DSM Cost Adjustment charges into cost-effective demand side management (DSM) projects within their own facilities.

APPLICATION: This Schedule shall be available to an Eligible Customer subject to a DSM Cost Adjustment charge pursuant to Electric Service Schedule No. 193 in accordance with the terms and provisions specified herein. If Schedule No. 193 is terminated, no new projects will be allowed under this schedule.

A customer with multiple meters measuring usage at facilities, one or more of which will be involved in a DSM Project, may aggregate the loads at those facilities to meet minimum usage requirements to qualify as an Eligible Customer, so long as the DSM Project for the aggregated facilities is submitted as a single project. Customers who become Eligible Customers through aggregation of meters must bear any incremental costs and expenses incurred by the Company and the Self-Direction Administrator in excess of the average costs and expenses incurred in connection with customers who are Eligible Customers without consideration of aggregation.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

DEFINITIONS:

Commissioning: The process of verifying and documenting that the performance of an electric energy usage system meets the design intent and Owner's operational requirements. The Self-Direction Administrator may require a Commissioning plan be submitted for projects seeking Pre-Qualification. Completed Projects may be required to provide a Commissioning report that verifies the operational parameters and electric energy savings resulting from an Eligible Project.

Efficiency Criterion: A projected Payback Period (or average Payback Period for projects submitted as a package) of between 1 and 5 years. The Self Direction Administrator may utilize an alternative Efficiency Criterion for a project with a projected Payback Period in excess of five years that is demonstrated to the satisfaction of the Self Direction Administrator to provide system benefits and to satisfy the Commission's approved cost-effectiveness tests.

Eligible Customer: A customer with a peak load of 1,000 kw or annual usage of 5,000,000 kwh or greater within the prior 12 months at a single meter or at meters that are aggregated. Customers constructing new facilities are eligible if at the Company's sole discretion, the estimated electrical usage at a single meter or meters that are aggregated is greater than or equal to 1,000 kw or 5,000,000 kwh during the first 12 months of operation.

Eligible Expenses: All actual expenses reasonably incurred by an Eligible Customer in connection with the construction, installation or implementation of an Eligible Project, including but not limited to equipment costs, engineering and consulting expenses, and finance charges. Expenses incurred in connection with new construction or expansion of existing facilities are Eligible Expenses only to the extent that additional expenses are incurred to achieve energy efficiency levels that exceed standard industry practices for new construction or expansion as determined by the Self-Direction Administrator based on practices generally utilized by energy engineering professionals and/or reference to publicly available resources for energy engineering.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

DEFINITIONS (Continued)

Eligible Project: A DSM Project of an Eligible Customer that satisfies the Efficiency Criterion, is determined by the Self-Direction Administrator to be a project for which Self-Direction Credits will be available, and that was not provided an incentive through another Commission-approved program. To the extent the Company provided engineering services for an Eligible Project, an Eligible Customer may receive Self-Direction Credits only if they first repay direct costs incurred by the Company in connection with such engineering services. Company funded engineering costs will be waived for services completed more than three years from the date of receipt of all of the Required Information for a Pre-Qualification of a Proposed Project or Qualification of a Completed Project submittal.

DSM Project: A measure (or package of measures submitted for consideration together), activity or program, meeting reasonable industry standards as determined by the Self-Direction Administrator or the Commission that is designed to promote electric energy efficiency or conservation or more efficient management of electric energy loads at an Eligible Customer's facility.

Minimum Equipment Efficiency: Where applicable, eligible measures must meet minimum equipment efficiency and eligibility requirements in Schedule 115 to be eligible for credits available under this Schedule.

Payback Period: The projected period for an Eligible Customer to recover all expenses actually incurred in connection with a DSM Project from electric energy and demand cost savings on a simple payback basis.

Required Information: Plans, drawings, energy and demand savings calculations, pay-back calculations, usage information, as-built information, receipts, expense itemizations, information regarding Company funding, financing arrangements and/or other data and information needed for determinations of an Eligible Customer, an Eligible Project, Eligible Expenses, or other matters required to be determined by the Self Direction Administrator hereunder. Required Information shall include any information reasonably requested by the Self-Direction Administrator.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

DEFINITIONS (Continued)

Self-Direction Administrator: A qualified person or entity hired or employed by the Company to administer this Self-Direction Credit Schedule 192, after consideration of recommendations from the DSM Advisory Group and other interested parties.

Self-Direction Credit: A credit equal to the applicable percentage of an Eligible Customer's total Eligible Expenses to be applied against that Eligible Customer's monthly Schedule 193 DSM Cost Adjustment charges until the entire credit has been utilized or in the event Schedule 193 is terminated, until the funds identified in the Self-Direct agreement have been recovered by the customer.

AVAILABILITY OF SELF-DIRECTION CREDIT: An Eligible Customer that completes an Eligible Project on or after the Commission Approval Date of this Schedule 192 shall receive a Self-Direction Credit in the amount of eighty percent (80%) of Eligible Expenses, as determined in accordance with the Provisions of Service. Total credits (including Self-Direction Credits and Fifty Percent Self Direction Credits) that may be utilized to offset the monthly Schedule 193 DSM Cost Adjustment charges or in the event Schedule 193 is terminated, until the funds identified in the Self-Direct agreement have been recovered by the customer shall not exceed $5,000,000 in any year. To the extent the Self-Direction Administrator determines at the time an Eligible Customer seeks pre-qualification or qualification of an Eligible Project under Sections 1 or 2 of the Provisions of Service that providing the credit would result in total credits that are projected to exceed $5,000,000 in any year, such Eligible Customer will not be pre-qualified or qualified for Self-Direction Credits for that year in excess of such maximum value, and the Self-Direction Administrator shall provide written notice of such determination to the Eligible Customer, the Commission, the Division and the Office.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

AVAILABILITY OF FIFTY PERCENT SELF DIRECTION CREDIT: An Eligible Customer shall receive a credit equal to one-half of its monthly Schedule 193 DSM Cost Adjustment charges for 24 consecutive monthly billings if the Eligible Customer demonstrates to the satisfaction of the Self Direction Administrator through an energy audit performed at the expense of the Eligible Customer by an auditor retained by the Self-Direction Administrator that there are no remaining Eligible Projects or other DSM Projects with a Payback Period of eight (8) years or less available at all of the Eligible Customer's facilities served through a meter or aggregated meters used as the basis for determining Eligible Customer status. Such demonstration shall be based on publicly available resources, including, but not limited to: United States Department of Energy, Industrial Technologies Program, Best Practices Screening Tool and the United States Green Building Council Green Building Rating System for New Construction and Major Renovations Version 2.1 or successor versions. This credit may be renewed every 24 months based upon a new energy audit. This Fifty Percent Self Direction Credit will not be available to an Eligible Customer during any time the Eligible Customer is receiving a Self-Direction Credit. Total credits (including Fifty Percent Self-Direction Credits and Self Direction Credits) that may be utilized to offset the monthly Schedule 193 DSM Cost Adjustment charges or in the event Schedule 193 is terminated, until the funds identified in the Self-Direct agreement have been recovered by the customer and shall not exceed $5,000,000 in any year. To the extent the Self-Direction Administrator determines at the time an Eligible Customer seeks a credit under this Section that providing the credit would result in total credits that are projected to exceed $5,000,000 in any year, such Eligible Customer will not be entitled to Fifty Percent Self-Direction Credits for that year in excess of such maximum value, and the Self-Direction Administrator shall provide written notice of such determination to the Eligible Customer, the Commission, the Division and the Office.

PROVISIONS OF SERVICE:

(1) Pre-Qualification of a Proposed Project.

a. An Eligible Customer may submit Required Information to the Self-Direction Administrator for pre-qualification of a proposed DSM Project as an Eligible Project. A proposed project shall be pre-qualified as an Eligible Project if the Self-Direction Administrator determines that the proposed project is reasonably projected to satisfy the Efficiency Criterion, assuming it is installed and completed in general conformity with the submitted plans and operated as contemplated.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

PROVISIONS OF SERVICE (Continued)

b. The Self-Direction Administrator shall notify the Eligible Customer and the Company within 30 days after receipt of all Required Information of its determination that the proposed DSM Project is pre-qualified as an Eligible Project, or explaining why it is not pre-qualified as proposed.

c. Following substantial completion of a pre-qualified DSM Project, the Eligible Customer shall submit Required Information to the Self-Direction Administrator for a determination of whether the Eligible Project is substantially completed and generally consistent with the project as pre-qualified. The Eligible Customer shall provide such cooperation and access as is reasonably required for the Self-Direction Administrator to make such determination. An Eligible Customer whose proposed project is pre-qualified as an Eligible Project need not thereafter demonstrate that the Eligible Project actually met the Payback Period requirement of the Efficiency Criterion in order to receive the Self-Direction Credit.

d. The Self-Direction Administrator shall notify the Eligible Customer and the Company within 30 days after receipt of all Required Information of its determination that the Eligible Project is complete and generally consistent with the project as pre-qualified, or explaining why it is not.

(2) Qualification of a Completed Project.

a. Following substantial completion of an Energy Efficiency Project that was not pre-qualified, an Eligible Customer may submit Required Information to the Self-Direction Administrator for a determination of whether a completed project is an Eligible Project. An Eligible Customer seeking such determination shall provide such cooperation and access as is reasonably required for the Self-Direction Administrator to make the determination.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

PROVISIONS OF SERVICE (Continued)

A completed project shall be qualified as an Eligible Project if the Self-Direction Administrator determines that the project as installed is reasonably projected to satisfy the Efficiency Criterion, assuming it is operated as contemplated. An Eligible Customer whose completed project is qualified as an Eligible Project need not thereafter demonstrate that the Eligible Project actually met the Payback Period requirement of the Efficiency Criterion in order to receive the Self-Direction Credit.

b. The Self-Direction Administrator shall notify the Eligible Customer and the Company within 30 days after receipt of all Required Information of its determination that the DSM Project is complete and qualifies as an Eligible Project, or explaining why it is not.

(3) At the time an Eligible Customer submits Required Information under (1) or (2), above, for a determination of eligibility, the Eligible Customer shall pay a non-refundable administrative fee set at a minimum of $500 per DSM Project.

(4) Determination of Eligible Expenses and Implementation of Self-Direction Credit.

a. Following substantial completion of a DSM Project, and no earlier than 30 days before the DSM Project becomes operational, an Eligible Customer may submit Required Information to the Self-Direction Administrator for a determination of Eligible Expenses.

b. The Self-Direction Administrator shall notify the Eligible Customer and the Company within 30 days after receipt of all Required Information of its determination of the amount of Eligible Expenses and the amount of the Self-Direction Credit.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

PROVISIONS OF SERVICE (Continued)

c. The Company shall reflect the available Self-Direction Credit on the Eligible Customer's monthly bills in an amount equal to the Eligible Customer's full monthly Schedule 193 DSM Cost Adjustment charge beginning as soon as practicable, no later than the first monthly bill issued more than 30 days after the Company's receipt of the Self-Direction Administrator's determination of the Self-Direction Credit. Nothing contained in this schedule shall prohibit the Eligible Customer and the Company from agreeing upon an alternative method of reflecting the credit.

d. Each month, the Company shall provide the Self-Direction Administrator with the amount of actual Self-Direction Credits applied to the prior month's bills for each Eligible Customer.

e. The Self-Direction Administrator shall notify the Company and the Eligible Customer at least 60 days before the month when the Self-Direction Credit for an Eligible Customer is projected by the Self-Direction Administrator to be exhausted, and the billing month in which the credit should be terminated.

f. The Self-Direction Administrator shall notify the Company and the Eligible Customer of any adjustment necessary to true-up the Self-Direction Credit in the event of under or over collection.

(5) The Self-Direction Administrator shall make determinations based upon information provided by the Company and the customers on all matters under this Schedule 192, including, but not limited to, determinations as to Eligible Customers, pre-qualification or qualification of Eligible Projects, satisfaction of Efficiency Criterion, Minimum Equipment Efficiency, Eligible Expenses, Self-Direction Credits, Fifty Percent Self-Direction Credits, incremental expenses for projects in excess of industry practices, financing costs for prior projects, incremental costs for aggregated meters and prior Company funding. All determinations made by the Self- Direction Administrator shall be documented and provided to the appropriate parties.

(continued)

ELECTRIC SERVICE SCHEDULE NO. 192 – Continued

PROVISIONS OF SERVICE (Continued)

(6) The Self-Direction Administrator shall file annual reports with the Commission and the Company summarizing its determinations during the year and providing an accounting of Self-Direction Credits, energy and demand savings and the expenses of the Self-Direction Administrator under this Schedule. The Self-Direction Administrator shall demonstrate program performance and cost effectiveness using Commission accepted tests on a regular basis, the first report of such demonstration being submitted no later than eighteen months after the effective date of this Schedule. Each Eligible Customer shall be required to cooperate reasonably and in good faith with the Self-Direction Administrator for purposes of evaluating program performance, performing any required functions, or preparing any required reports.

(7) This Schedule 192 shall become effective for purposes of reflecting credits on an Eligible Customer's bill as of the Effective Date specified by the Commission. A Self-Direction Credit shall be available for an Eligible Customer in any month when a Schedule 193 DSM Cost Adjustment charge appears on the Eligible Customers' monthly bill from the Company.

(8) An Eligible Customer may utilize any available mechanism to resolve disputes that may arise under this Schedule 192, including, but not limited to, discussions with the Company, informal mediation with the Division of Public Utilities, and formal or informal Commission procedures.

ATTACHMENT A
UPDATED BUSINESS PLAN

CADMUS

MEMORANDUM

To: **Don Jones, Jr.**

From: **Aaron Jenniges and Byron Boyle**

Subject: **Utah 2013-15 Business Plan Cost-Effectiveness**

Date: **April 12, 2013**

The tables below present the cost-effectiveness findings of the Utah 2013-15 Business Plan based on 2013-15 costs and savings estimates provided by PacifiCorp in a spreadsheet entitled "UT 2012 CI Cost Recovery + DLJ calculations for CE REVISED 040913xlsx". The utility discount rate is from the 2011 PacifiCorp Integrated Resource Plan.

Cost-effectiveness inputs and results for nine scenarios are presented in this memo.

1. Base Case Business Plan
2. Energy Management Incentives
3. Standard Offer
4. Energy Project Manager Funding
5. Utility Funding of Commissioning
6. Base Case with 4 Additional Measures (Medium Carbon Decrements)
7. Base Case with 4 Additional Measures(Zero Carbon Decrements)
8. Base Case with 4 Additional Measures (10% lower participation than scenario 6)
9. Base Case with 4 Additional Measures (10% higher participation than scenario 6)

For all except scenario seven, cost-effectiveness was tested using the 2011 IRP 69% load factor east system medium carbon decrements. Cost-effectiveness for scenario seven was tested using the 2011 IRP 69% load factor east system zero carbon decrements. Table 1 lists modeling inputs, Table 2 lists the costs and incentives, and Table 3 lists the annual savings for each scenario. Tables 4 to 11 show the cost-effectiveness results for the nine scenarios.

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Table 1: UT 2013-15 Business Plan Inputs

Parameter	Value
Discount Rate	7.17%
Commercial Line Loss	8.71%
Industrial Line Loss	5.85%
Commercial Energy Rate ($/kWh) (2012 base rate)[1]	$0.0785
Industrial Energy Rate ($/kWh) (2012 base rate)[1]	$0.0538
Inflation Rate[2]	1.80%

[1] Future rates determined using a 1.8% annual escalator.

[2] Used to escalate future year energy rates.

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Table 2: UT 2013-15 Business Plan
Annual Program Costs

	Year	Utility Admin	Incentives	Total Utility Costs	Net Participant Incremental Cost
Base Case	2013	$6,550,210	$13,544,923	$20,095,133	$31,979,986
	2014	$6,550,210	$13,544,923	$20,095,133	$31,979,986
	2015	$6,550,210	$13,544,923	$20,095,133	$31,979,986
Energy Management Incentives	2013	$782,124	$80,249	$862,372	$189,011
	2014	$1,571,537	$176,209	$1,747,746	$387,795
	2015	$3,055,182	$348,952	$3,404,134	$753,450
Standard Offer	2013	$293,151	$1,867,986	$2,161,138	$1,333,541
	2014	$293,151	$1,867,986	$2,161,138	$1,333,541
	2015	$293,151	$1,867,986	$2,161,138	$1,333,541
Energy Project Manager Funding	2013	$720,901	$1,490,723	$2,211,624	$3,519,644
	2014	$480,601	$993,815	$1,474,416	$2,346,429
	2015	$480,601	$993,815	$1,474,416	$2,346,429
Utility Funding of Commissioning	2013	$208,921	$100,548	$309,469	$235,419
	2014	$208,921	$100,548	$309,469	$235,419
	2015	$208,921	$100,548	$309,469	$235,419
Base Case + 4 Measures	**2013**	**$8,555,307**	**$17,084,429**	**$25,639,736**	**$37,257,601**
	2014	**$9,104,420**	**$16,683,482**	**$25,787,901**	**$36,283,170**
	2015	**$10,588,065**	**$16,856,224**	**$27,444,289**	**$36,648,825**

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Table 3: UT 2013-15 Business Plan
Savings by Measure Type

	Year	Gross kWh Savings	Realization Rate	Adjusted Gross Savings	Net to Gross Percentage	Net kWh Savings	Measure Life
Base Case	2013	109,033,718	94%	102,491,695	84%	86,093,024	14
	2014	109,033,718	94%	102,491,695	84%	86,093,024	14
	2015	109,033,718	94%	102,491,695	84%	86,093,024	14
Energy Management Incentives	2013	4,012,439	100%	4,012,439	90%	3,611,195	3
	2014	8,646,178	100%	8,646,178	90%	7,781,561	3
	2015	16,803,010	100%	16,803,010	90%	15,122,709	3
Standard Offer	2013	4,876,433	94%	4,583,847	84%	3,850,431	14
	2014	4,876,433	94%	4,583,847	84%	3,850,431	14
	2015	4,876,433	94%	4,583,847	84%	3,850,431	14
Energy Project Manager Funding	2013	12,000,000	94%	11,280,000	84%	9,475,200	14
	2014	8,000,000	94%	7,520,000	84%	6,316,800	14
	2015	8,000,000	94%	7,520,000	84%	6,316,800	14
Utility Funding of Commissioning	2013	876,327	94%	823,747	84%	691,947	14
	2014	876,327	94%	823,747	84%	691,947	14
	2015	876,327	94%	823,747	84%	691,947	14
Base Case + 4 Measures	**2013**	**130,798,917**		**123,191,728**		**103,721,798**	
	2014	**131,432,656**		**124,065,468**		**104,733,763**	
	2015	**139,589,487**		**132,222,299**		**112,074,912**	

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Table 4: Base Case

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0448	$108,055,931	$244,317,626	$136,261,694	2.26
Total Resource Cost Test (TRC) No Adder	0.0448	$108,055,931	$222,106,932	$114,051,001	2.06
Utility Cost Test (UCT)	0.0234	$56,342,067	$222,106,932	$165,764,865	3.94
Rate Impact Test (RIM)		$231,917,979	$222,106,932	($9,811,047)	0.96
Participant Cost Test (PCT)		$106,774,607	$246,995,749	$140,221,141	2.31
Discounted Participant Payback (years)				4.59	

Table 5: Energy Management Incentives

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0844	$6,118,918	$6,696,806	$577,888	1.09
Total Resource Cost Test (TRC) No Adder	0.0844	$6,118,918	$6,088,005	($30,912)	0.99
Utility Cost Test (UCT)	0.0753	$5,457,066	$6,088,005	$630,940	1.12
Rate Impact Test (RIM)		$10,629,108	$6,088,005	($4,541,103)	0.57
Participant Cost Test (PCT)		$1,344,825	$6,295,205	$4,950,379	4.68
Discounted Participant Payback (years)				0.56	

Table 6: Standard Offer

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0423	$4,561,959	$10,926,881	$6,364,922	2.40
Total Resource Cost Test (TRC) No Adder	0.0423	$4,561,959	$9,933,528	$5,371,569	2.18
Utility Cost Test (UCT)	0.0562	$6,059,326	$9,933,528	$3,874,202	1.64
Rate Impact Test (RIM)		$14,343,086	$9,933,528	($4,409,557)	0.69
Participant Cost Test (PCT)		$4,452,418	$15,099,017	$10,646,599	3.39
Discounted Participant				0.72	

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Payback (years)					

Table 7: Energy Project Manager Funding

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0448	$9,342,116	$21,011,284	$11,669,168	2.25
Total Resource Cost Test (TRC) No Adder	0.0448	$9,342,116	$19,101,168	$9,759,051	2.04
Utility Cost Test (UCT)	0.0234	$4,871,127	$19,101,168	$14,230,041	3.92
Rate Impact Test (RIM)		$20,843,352	$19,101,168	($1,742,184)	0.92
Participant Cost Test (PCT)		$9,231,338	$22,297,888	$13,066,550	2.42
Discounted Participant Payback (years)				4.25	

Table 8: Utility Funding Commissioning

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0643	$1,246,020	$1,963,631	$717,612	1.58
Total Resource Cost Test (TRC) No Adder	0.0643	$1,246,020	$1,785,119	$539,100	1.43
Utility Cost Test (UCT)	0.0448	$867,679	$1,785,119	$917,441	2.06
Rate Impact Test (RIM)		$2,356,324	$1,785,119	($571,205)	0.76
Participant Cost Test (PCT)		$786,017	$2,054,110	$1,268,093	2.61
Discounted Participant Payback (years)				4.05	

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Table 9: Base Case + 4 Measures (Medium Carbon Decrements)

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0459	$129,324,944	$284,916,229	$155,591,284	2.20
Total Resource Cost Test (TRC) No Adder	0.0459	$129,324,944	$259,014,753	$129,689,809	2.00
Utility Cost Test (UCT)	0.0261	$73,597,265	$259,014,753	$185,417,488	3.52
Rate Impact Test (RIM)		$280,089,849	$259,014,753	($21,075,095)	0.92
Participant Cost Test (PCT)		$122,589,205	$292,741,967	$170,152,762	2.39
Discounted Participant Payback (years)				4.15	

Table 10: Base Case + 4 Measures (Zero Carbon Decrements)

	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0459	$129,324,944	$233,568,492	$104,243,548	1.81
Total Resource Cost Test (TRC) No Adder	0.0459	$129,324,944	$212,334,993	$83,010,049	1.64
Utility Cost Test (UCT)	0.0261	$73,597,265	$212,334,993	$138,737,728	2.89
Rate Impact Test (RIM)		$280,089,849	$212,334,993	($67,754,856)	0.76
Participant Cost Test (PCT)		$122,589,205	$292,741,967	$170,152,762	2.39
Discounted Participant Payback (years)				4.15	

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Table 11: Base Case + 4 Measures (+/- 10% Participation)

		Costs (NPV)	Benefits (NPV)	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	Higher Participation (+10 %)	$129,324,944	$313,407,851	$184,082,907	2.42
	Lower Participation (-10 %)	$129,324,944	$256,424,606	$127,099,662	1.98
Total Resource Cost Test (TRC) No Adder	Higher Participation (+10 %)	$129,324,944	$284,916,229	$155,591,284	2.20
	Lower Participation (-10 %)	$129,324,944	$233,113,278	$103,788,334	1.80
Utility Cost Test (UCT)	Higher Participation (+10 %)	$73,597,265	$284,916,229	$211,318,964	3.87
	Lower Participation (-10 %)	$73,597,265	$233,113,278	$159,516,013	3.17
Rate Impact Test (RIM)	Higher Participation (+10 %)	$300,739,107	$284,916,229	-$15,822,878	0.95
	Lower Participation (-10 %)	$259,440,590	$233,113,278	-$26,327,312	0.90
Participant Cost Test (PCT)	Higher Participation (+10 %)	$122,589,205	$317,283,370	$194,694,165	2.59
	Lower Participation (-10 %)	$122,589,205	$268,200,565	$145,611,360	2.19

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