



May 15, 2012

VIA OVERNIGHT DELIVERY

Jean D. Jewell
Commission Secretary
Idaho Public Utilities Commission
472 W. Washington
Boise, ID 83702

RECEIVED
2012 MAY 15 AM 10:43
IDAHO PUBLIC
UTILITIES COMMISSION

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

Re: Case No. PAC-E-12-¹⁰~~09~~
**IN THE MATTER OF THE APPLICATION OF ROCKY MOUNTAIN
POWER FOR AUTHORITY TO REVISE ELECTRIC SERVICE SCHEDULE
115 FINANSWER EXPRESS**

Dear Ms. Jewell:

Please find enclosed for filing seven copies of Rocky Mountain Power's Application for authority to revise its Electric Service Schedule No. 115, FinAnswer Express program.

All formal correspondence and regarding this Application should be addressed to:

Ted Weston
Rocky Mountain Power
201 South Main, Suite 2300
Salt Lake City, Utah 84111
Telephone: (801) 220-2963
Fax: (801) 220-2798
Email: ted.weston@pacificorp.com

Daniel E. Solander
Rocky Mountain Power
201 South Main Street, Suite 2300
Salt Lake City, Utah 84111
Telephone: (801) 220-4014
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Email: daniel.solander@pacificorp.com

Communications regarding discovery matters, including data requests issued to Rocky Mountain Power, should be addressed to the following:

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

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

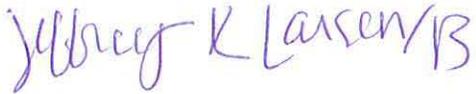
Idaho Public Utilities Commission

May 15, 2012

Page 2

Informal inquiries may be directed to Ted Weston, Idaho Regulatory Manager at (801) 220-2963.

Very truly yours,

A handwritten signature in purple ink that reads "Jeffrey K. Larsen/B". The signature is written in a cursive style.

Jeffrey K. Larsen

Vice President, Regulation & Government Affairs

Enclosures

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2012 MAY 15 AM 10:44

IDAHO PUBLIC UTILITIES COMMISSION

Mark C. Moench
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Attorneys for Rocky Mountain Power

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION) OF ROCKY MOUNTAIN POWER FOR) AUTHORITY TO REVISE ELECTRIC) SERVICE SCHEDULE 115 FINANSWER) EXPRESS)	CASE NO. PAC-E-12- ¹⁰ 09 APPLICATION
--------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------

Rocky Mountain Power, a division of PacifiCorp, ("Rocky Mountain Power" or the "Company"), hereby respectfully makes application to the Idaho Public Utilities Commission ("Commission") for an order approving its proposed revisions to electric service schedule 115, FinAnswer Express effective July 14, 2012.

In support of this Application, Rocky Mountain Power states as follows:

1. Rocky Mountain Power is authorized to do and is doing business in the state of Idaho. The Company provides retail electric service to approximately 72,000 customers in the state of Idaho and is subject to the jurisdiction of the Commission.

2. Rocky Mountain Power files this application pursuant to Idaho Code § 61-502 and 61-503 and RP 52, which authorizes the Commission to prescribe the accounting to be used by public utilities subject to its jurisdiction.

3. Communications regarding this Application should be addressed to:

Ted Weston
Idaho Regulatory Affairs Manager
Rocky Mountain Power
201 South Main Street Suite 2300
Salt Lake City, Utah 84111
E-mail: ted.weston@pacificorp.com

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

In addition, Rocky Mountain Power requests that all data requests regarding this application be addressed to:

By email (preferred)

datarequest@pacificorp.com
ted.weston@pacificorp.com

By regular mail

Data Request Response Center
PacifiCorp
825 NE Multnomah, Suite 2000
Portland, OR 97232

Informal inquiries related to this application may be directed to Ted Weston, (801) 220-2963.

4. The Company is filing this Application to update the FinAnswer Express program to: (1) align with new federal lighting standards expected to be effective July 14, 2012; (2) align the FinAnswer Express program with upcoming changes to other codes, standards, third party specifications and new market data; and (3) increase the comprehensiveness of the program.

5. To further increase participation and the comprehensiveness of the program, the Company is requesting approval to add new measures in the following additional categories: appliances, dairy/farm equipment, and small compressed air.

6. Finally, to streamline program administration the Company is requesting authority to offer the FinAnswer Express tariff utilizing a “flexible tariff” approach. The flexible tariff format allows the Company to manage Program details¹ such as qualifying equipment and services, incentive amounts, dates for incentive availability and other terms and conditions on Rocky Mountain Power’s website. Hardcopies of Program materials will be available upon request from customers who do not have web access.

7. In support of this Application Rocky Mountain Power has filed the testimony of Nancy M. Goddard and clean and legislative copies of the FinAnswer tariff. Ms. Goddard’s testimony describes the revisions to Electric Service Schedule 115 and benefits of offering this program as a flexible tariff.

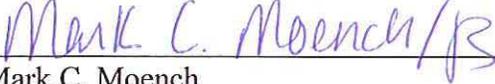
8. Rocky Mountain Power believes that a technical hearing is not necessary to consider the issues presented herein and respectfully requests that this Application be processed under Modified Procedure, i.e., by written submissions rather than by hearing, in accordance with RP 201 *et seq.*

WHEREFORE, Rocky Mountain Power respectfully requests that the Commission issue an Order (1) authorizing that this matter may be processed by Modified Procedure, (2) implementing the proposed changes to Electric Service Schedule 115 FinAnswer Express and (3) authorizing the Company to offer this program utilizing a flexible tariff approach.

¹ The specific Program details include the program definitions, incentive tables, and general incentive information attached as part of this filing.

DATED: May 15, 2012.

Respectfully submitted,



Mark C. Moench
Daniel E. Solander

Attorneys for Rocky Mountain Power

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IDAHO PUBLIC
UTILITIES COMMISSION

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE)
APPLICATION OF ROCKY) CASE NO. PAC-E-12-¹⁰~~09~~
MOUNTAIN POWER FOR)
AUTHORITY TO REVISE) Direct Testimony of Nancy M. Goddard
ELECTRIC SERVICE SCHEDULE)
115 FINANSWER EXPRESS)

ROCKY MOUNTAIN POWER

CASE NO. PAC-E-12-¹⁰~~09~~

May 2012

1 **Introduction**

2 **Q. Please state your name and business address.**

3 A. My name is Nancy M. Goddard. My business address is Lloyd Center Tower, 825
4 NE Multnomah, Portland, OR 97232.

5 **Q. By whom are you employed and in what position?**

6 A. I am a Program Manager for Rocky Mountain Power (the "Company").

7 **Q. Please describe the responsibilities of your current position.**

8 A. I am responsible for managing the FinAnswer Express Program, Schedule 115
9 (the "Program") for Rocky Mountain Power and for Pacific Power. This includes
10 the planning, development, design, approval and implementation of the Program,
11 which is designed to reduce energy consumption through energy efficiency.

12 **Qualifications**

13 **Q. Please describe your background.**

14 A. I received a B.S. in mechanical engineering in 1984 from the University of
15 California, Davis. I joined PacifiCorp in 1994 and have held various positions in
16 business customer energy efficiency program design, delivery and management.
17 Prior to my employment at PacifiCorp, I worked for Pacific Gas & Electric
18 Company for nine years in various positions including energy auditor, corporate
19 account manager and senior energy efficiency engineer.

20 **Q. What is the purpose of your testimony?**

21 A. The purpose of my testimony is to describe the proposed changes to the
22 Company's FinAnswer Express Program and explain why the Company is
23 proposing these changes.

1 Q. What is the purpose of the Program and who is eligible to participate?

2 A. The Program is intended to maximize the efficient utilization of the electricity
3 requirements of new and existing loads in commercial buildings and industrial
4 facilities through the installation of energy efficiency measures. The Program is
5 available to commercial and industrial customers receiving electricity on General
6 Service Rate Schedules 6, 6A, 7, 7A, 9, 12, 19, 23, 23A, 24, 35, 35A and dairy
7 barns served under the Company's residential rate schedules. Customers who
8 receive electric service on Schedule 10 are not eligible for the Program since they
9 receive energy efficiency services and incentives via Irrigation Energy Savers
10 (Schedule 155).

11 **FinAnswer Express Program**

12 Q. Please identify the changes that you are proposing to the FinAnswer Express
13 Program.

14 A. The Company proposes that the following changes be made to the Program tariff:

15 **Lighting Incentives**

16 Linear fluorescent lighting is undergoing a major transition as a result of
17 long anticipated federal lighting standards that take effect July 14, 2012. The
18 standards apply to manufacturers and imports. When the new standards take
19 effect, general service fluorescent lamps manufactured or imported for sale in the
20 United States will need to meet higher efficacy (lumen/watt) requirements. This
21 change will have a significant effect on the FinAnswer Express program in the
22 next three years. During 2012 and 2013, the Company expects to see an increase
23 in lighting retrofit projects as customers replace older T12 lighting. During 2014,

1 the Company expects to increase the deemed baseline for T12 retrofits, thereby
 2 decreasing the available savings for this type of project, resulting in a decrease in
 3 overall program savings compared to 2013. The planned change to the deemed
 4 baseline for T12 retrofits may be adjusted for consistency in the region. Table 1
 5 highlights the proposed lighting measure changes, including modifications to
 6 align with changes in federal lighting standards.

**Table 1
 Retrofit Lighting Changes**

Measure	Change	Reason for Change
All	Modify the incentive table structure to provide incentives based on the fixture installed. Pay incentives for many measures on a per lamp basis, rather than a per fixture basis.	To streamline and simplify the program. With the vast number of fixture retrofit combinations and increasing project volume, a growing number of retrofits do not meet the listed “replace” and “with” fixture criteria necessary to qualify for prescriptive incentives. Providing incentives based on the fixture installed, regardless of the existing fixture, allows incentives to be more easily specified and expands the capabilities of the program to deal with a broader array of existing and proposed fixture types. Projects will be required to save energy relative to the baseline lighting system to qualify for the listed incentives. Energy savings and measure costs will continue to be reported based on the existing / baseline and new lighting fixture inventories, hours of operation and invoice costs using an updated version of the current retrofit lighting tool.

Measure	Change	Reason for Change
T8 Fluorescent	<p>Modify the eligibility requirements to match the Consortium of Energy Efficiency's (CEE) high performance/reduced wattage T8 lamp and ballast qualifying requirements.</p> <p>Add a category for continuous operation applications.</p>	<p>Aligning with CEE specifications will allow customers and participating vendors to choose lamps and ballasts from a qualifying list. Both the lamp and ballast must be CEE qualified, but they do not need to meet a qualifying combination. This flexibility will allow customers to choose the most appropriate combination for the space or application.</p> <p>This simplifies participation and streamlines administration. It will allow requirements to evolve as CEE specifications are updated. Adding the Continuous Operation category allows incentive levels to reflect the higher savings available given the higher operating hours and allows for a better alignment with incentives for other types of lighting that are often used in continuous operation applications.</p>
Standard T8 Fluorescent	<p>Discontinue incentives for standard T8s.</p> <p>Discontinue incentives for delamping for standard T8s.</p>	<p>To align with the effective date of new federal efficacy standards for General Service Fluorescent Lamps (GSFL).</p> <p>The Company is encouraging customers with existing T12 or older T8 linear fluorescent lighting to retrofit to higher efficiency lighting before federal lighting standards take effect July 14, 2012.</p>

Measure	Change	Reason for Change
Premium T8	Change the incentive to \$7 per lamp installed for upgrades to premium T8 (either high lumen output or reduced wattage). Change the incentive to \$21 per lamp removed for premium T8 upgrades with delamping.	Boost the attractiveness of the premium option to encourage customers to step up to premium and to encourage early replacement of T12 lighting. High performance T8s have higher light output than T12 lamps, so upgrading to premium and delamping is an excellent choice for many customers. Incentives for this option are set to result in the best estimated payback of the T12 retrofit options.
T8 Relamp	Change the incentive from \$0.50 per lamp to \$0.25 per lamp.	This proposed change reflects program operating experience that indicates relamps generally occur at the end of the useful life of the existing lamp. The prior incentive was based on the incremental cost of the materials plus labor to install. The proposed incentive is based on only the material cost, because the labor for an end-of-useful life retrofit is not considered an eligible project cost.
T5	Change the incentive to \$5 per lamp installed (standard T5).	Incentive level is appropriate given the costs and the savings for upgrades to T5, and competitive with T8 offerings.
Screw-in CFL	Add a sunset date of January 1, 2014.	To align with the effective date of new federal efficacy standards for General Service Incandescent Lamps (GSIL).
T8 High Bay T5 HO Ceramic Metal Halide	Change incentives to \$20 per lamp for high-bay T8 and T5HO fluorescents. Change the incentive for ceramic metal halide.	Offering incentive to upgrade older HID technology beyond pulse start metal halide, the least cost replacement, which is subject to federal manufacturing standards.

Measure	Change	Reason for Change
Pulse Start Metal Halide	Remove the incentive for metal halide pulse-start fixtures 150W-500W.	This change aligns equipment eligible for incentives with the Energy Security and Independence Act of 2007's mandate for a graduated phase-out on the manufacture and import of metal halide fixtures with ballasts that do not meet minimum ballast efficiency standards (i.e. most magnetic probe start ballasts). Changes to manufacturing requirements do not have an immediate effect on the availability of equipment in the marketplace and incentives are necessary for a period of time to encourage adoption of higher-efficiency products while lower-efficiency technologies remain available.
New Lighting Measures	Add cold cathode and induction lighting measures. Add light-emitting diode (LED) measures in integral screw-in lamp, recessed downlight, outdoor, parking garage, and high and low-bay applications.	Include an offer for new lighting technology available in the marketplace. The proposed changes for LED lighting define the eligibility criteria for incentives as fixtures that comply with Design Lights Consortium or ENERGY STAR LED performance requirements and are on their list of qualifying products.
Lighting Control	Change incentives for lighting occupancy sensors from \$25 or \$30 per sensor to \$75 per sensor and provide an additional incentive for dimming/programmable ballasts necessary for lighting controls.	To increase participation in lighting controls. To streamline the process for customers, the Company plans to allow customers who are installing lighting controls only to apply for incentives after purchase and installation.
	Modify the existing photocell measure to a daylighting control measure for interior lighting and change the incentive from \$20 to \$75 per sensor.	This change focuses this measure on daylighting control for interior lighting.

Measure	Change	Reason for Change
	Add an advanced daylighting control measure with savings reporting based on deemed percent savings.	Advanced daylighting control incorporates both occupancy control and daylighting control. The incentive is \$150.
	Discontinue incentives for time clock controls.	Based on industry feedback from Energy Efficiency Alliance (EEA) coordinators and EEA participants, timeclocks/sweep controls have become standard in the industry and common practice for large general illuminance retrofit projects. In addition, timeclocks are either mandatory or a compliance option according to state energy code.
Non-General Illuminance Lighting (i.e. cabinet signs, channel letter signs)	Allow non-general illuminance lighting project participants to apply via a post-purchase application process.	To streamline the participation process and administration. These projects are generally installed on a stand-alone basis and can utilize post-purchase delivery.

- 1 Table 2 highlights proposed changes to new construction and major renovation
- 2 lighting measures.

Table 2
New Construction/Major Renovation Lighting Changes

Measure	Change	Reason for Change
Interior Lighting	Modify to a 'pay for savings' approach, relative to an appropriate baseline (defined by state energy code), rather than a pay per fixture approach.	This will provide more flexibility and incentive to incorporate efficient measures into the lighting design.
Exterior Lighting	Add prescriptive incentives (with savings reporting relative to an appropriate baseline) for high-efficiency exterior lighting technologies, including: induction, CFL, LED, and lighting controls not required by energy code.	To increase the comprehensiveness of the program. To include an offer for new lighting technology available in the marketplace.

1 **Motors Incentives**

2 As of January 15, 2011, incentives are no longer available for National
 3 Electrical Manufactures Association Premium Efficiency motors, so this table will
 4 be removed and a note will be added to the motor incentive table.

5 **Heating, Ventilation, and Air Conditioning (“HVAC”) Incentives**

6 Table 3 below highlights proposed modifications for the HVAC measure
 7 table.

**Table 3
 HVAC Changes**

Measure	Change	Reason for Change
Unitary commercial air conditioners and heat pumps	Revise eligibility requirements to align with CEE high-efficiency specifications. Update measure costs.	Current program minimum efficiency requirements are based on CEE specifications. To maintain alignment with CEE specifications as they evolve, the Company is proposing to list the CEE tier in the incentive table rather than the efficiency ratings. Eligibility requirements can track CEE specification changes without a program filing. Update measure costs to reflect updated cost data.
Unitary air conditioners	Reduce incentives by \$25 per ton.	With updated draft CEE specifications incorporating the IEER metric, a completed comprehensive review of the category was performed. Recommended an adjustment to incentive to maintain cost effectiveness.
Packaged terminal air conditioners (PTAC)	Reduce incentives by \$25 per ton.	To align with the reduced savings that will be available given the coming federal standards change (see below).
Packaged terminal heat pumps and air conditioners (PTHP and PTAC)	Revise minimum efficiency requirements.	To accommodate the increased federal minimum efficiency requirements to be enacted in September 2012.

Measure	Change	Reason for Change
Heat pumps, ground-source or groundwater-source	Add ground-source and groundwater-source heat pumps. Add ground-source or groundwater-source heat pump loops.	To increase the comprehensiveness of the program.

1 **Mechanical and Other Energy Efficiency Measure Changes**

2 In the current Schedule 115, the Mechanical and Other Energy Efficiency
3 Measures table includes a small number of measures from several categories
4 including HVAC, building envelope, food service, and office equipment. To
5 increase participation and the comprehensiveness of the program and streamline
6 program administration, the Company is requesting approval to expand these
7 measure categories. Given the number of new measures in each, the Mechanical
8 and Other Energy Efficiency Measures (“EEM”) table will be replaced with a new
9 table for each category.

10 Most of the measures listed in the current Mechanical and Other EEM
11 table have been updated and moved into proposed new measure tables as
12 summarized in Table 4 below. Information on updates to these measures is
13 provided in the description of proposed changes for each of the new measure
14 tables.

Table 4
Summary of Proposed Other Energy Efficiency Table Dissemination and Changes

New Incentive Table	Measures	
Other HVAC	New measures.	Indirect-direct evaporative cooling, room air conditioner, 365/366 day programmable thermostat.
	Existing measures moved from Mechanical and Other EEM table.	Evaporative cooling, chillers, occupancy based PTHP/PTAC control.
Food Service Equipment	New measures.	Residential refrigerators/dishwashers used in a business, ENERGY STAR commercial refrigerators/freezers, air-cooled ice machines, commercial dishwashers, electric insulated holding cabinets, electric steam cookers, electric commercial fryers, electric convection ovens, electric griddles, electric combination ovens, and LED refrigeration case lighting and controls.
	Existing measures moved from Mechanical and Other EEM table.	Vertical solid door refrigerator/freezer, beverage or refrigerated display machine occupancy sensor.
Office Equipment	New measures.	Network PC power management software.
	Existing measures moved from Mechanical and Other EEM table.	Plug load occupancy sensor.

1 Table 5 highlights the proposed changes to other HVAC incentives.

Table 5
Other HVAC Changes

Measure	Change	Reason for Change
Evaporative Cooling	Increase the incentive rate for evaporative cooling systems from \$0.02 per cubic feet per minute ("CFM") to \$0.06 per CFM.	To increase participation. A lower installation cost than standard air conditioning and incentives equivalent or higher than those provided for unitary air conditioning will encourage greater participation. (\$0.06 per CFM is approximately \$78 per ton)

2 Table 6 below highlights the proposed changes to Building Envelope incentives.

**Table 6
Building Envelope Changes**

Measure	Change	Reason for Change
Insulation Windows	Provide separate incentive tables for retrofit and new construction/major renovation.	There is a current incentive offer for insulation and window measures, but there is no distinction between retrofit and new construction/major renovation projects. The proposed change is to differentiate and establish minimum efficiency requirements by project type.
Windows	Extend incentive availability to site built windows.	Responds to requests to provide incentives for site built windows.
Window Film	Add reflective window film to the program for retrofits.	Increase the comprehensiveness of the program.
Cool Roof	Move this measure from the Mechanical and Other Energy Efficiency Measures table.	No changes other than moving the measure to the Building Envelope incentive table.

1 **Food Service Equipment Incentives**

2 A food service measures table will be added to the FinAnswer Express
3 program details, which includes residential refrigerators/dishwashers used in a
4 business, ENERGYSTAR commercial refrigerators/freezers, air-cooled ice
5 machines, commercial dishwashers, electric insulated holding cabinets, electric
6 steam cookers, electric commercial fryers, electric convection ovens, electric
7 griddles, electric combination ovens, and LED refrigeration case lighting.

8 Incentives offering beverage machine occupancy sensors will be
9 discontinued due to upcoming federal code changes in 2012.

10 Incentives offering refrigerated display occupancy sensors will be
11 discontinued and replaced with a new measure for occupancy sensors in
12 refrigerated cases with LED lighting.

1 Residential dishwasher and refrigerator incentives within the FinAnswer
2 Express program will align the program with the Company's Home Energy
3 Savings program and provide for the acquisition of additional cost effective
4 savings.

5 **Office Equipment Incentives**

6 The measure for Plug Load Occupancy Sensors to include Smart Plug
7 Strips which limit stand-by power consumption of plug-load appliances by
8 completely switching off power to the strip when a minimum electrical load is
9 sensed will be expanded.

10 Network PC Management Software measure will be added.

11 **Additional New Measure Categories**

12 To further increase participation and the comprehensiveness of the
13 program and streamline program administration, the Company is requesting
14 approval to add new measures in the following additional measure categories:
15 appliances, dairy/farm equipment, and small compressed air.

16 The Company is proposing to add a new incentive table for each of these
17 three new measure categories. The new tables include the following new
18 measures:

- 19 • Appliances - Commercial clothes washers, residential clothes washers
20 used in business and residential electric storage water heaters used in a
21 business.
- 22 • Dairy/Farm equipment - Automatic milker takeoffs, variable frequency
23 drives ("VFDs") for dairy vacuum pumps, milk pre-coolers, agricultural

1 engine block heater timers, circulating fans, heat reclaimers, high-
2 efficiency livestock waterers, high-efficiency ventilation systems, and
3 programmable ventilation controllers.

- 4 • Compressed air - Low-pressure drop filters, addition of receiver capacity,
5 refrigerated cycling dryers, VFD-controlled air compressors, zero-loss
6 condensate drains, and outside air intake.

7 The incentives associated with the residential appliances will align the program
8 with the Company's Home Energy Savings program and provide for the acquisition
9 of additional cost effective savings.

10 Compressed air systems with a total operating capacity of 75 horsepower or less
11 will be eligible for post-purchase prescriptive incentives. Multiple compressor
12 systems are allowed, except for the VFD-controlled compressor measure, where
13 eligibility is limited to systems with a single operating compressor with capacity less
14 than or equal to 75 hp. For Zero-Loss Drains, there is no limitation on compressor
15 size to be eligible for incentives.

16 The Energy FinAnswer program has been successful at helping customers with
17 larger compressed air systems identify and implement energy-efficiency
18 opportunities. The Energy FinAnswer approach is less suitable for customers with
19 smaller compressed air systems with lower savings potential. Adding compressed air
20 measures to FinAnswer Express will allow for a more streamlined approach for
21 customers with smaller compressed air systems.

**Table 7
Other Proposed Changes**

Tariff section	Change	Reason for change
Incentive for Energy Efficiency Measures (sheet 3)	Increase the incentives for custom measures (Energy Efficiency Measures not listed in the incentive tables) from \$0.08/kWh to \$0.10/kWh annual energy savings.	Maintains alignment with planned changes for Energy FinAnswer.
Energy Efficiency Incentive caps table (sheet 4)	Modify the incentive caps table.	To add the new measure categories.
Incentive for Energy Efficiency Measures (sheet 5)	Revise the language regarding the deemed baseline for T12 lighting.	With the federal lighting standards changing in July 2012, the Company will need to make changes to the assumed T12 baseline after a transition time of approximately eighteen months. The timing and exact changes will be determined in collaboration with others for regional consistency, and the proposed tariff change at this time is to replace the baseline language in the tariff with language that provides for management of this information on the Company website.

1 In addition to the changes I have outlined, we are proposing other minor
2 administrative changes to language.

3 **Projected Costs and Energy Savings**

4 Projected costs and savings are summarized in Table 8 below. These
5 projections were used in the program cost effectiveness analysis. Annual energy
6 savings in the table below are at the customer meter and do not include a net-to-
7 gross adjustment.

Table 8
Summary of Projected Costs and Savings

	Total Utility Costs	Incentives	Annual kWh Savings
Year 1	\$ 725,487	\$ 143,143	2,072,108
Year 2	\$ 588,129	\$ 171,953	2,366,922
Year 3	\$ 654,027	\$ 171,615	2,158,125
Total	\$ 1,967,643	\$ 486,710	6,597,154

1 **Cost-Effectiveness**

2 The FinAnswer Express program is projected to be cost effective with the
3 changes proposed herein, and individually each of the Program’s measure groups
4 passes the Total Resource Cost Test on a standalone basis except one. The Total
5 Resource Cost Test ratio for envelope measures is 0.916. Note this is a relatively
6 small measure group in the overall program and the measure group passes the
7 enhanced Total Resource Cost Test (“PTRC”) as well as the Utility Cost Test.
8 The program level cost effectiveness includes all costs; the measure group level
9 cost-effectiveness analysis excludes administrative costs. The 69 percent Load
10 Factor East System Load Shape decrement values generated by the 2011
11 integrated resource plan (“IRP”) were used as the avoided costs and can be found
12 on page 20 of the 2011 IRP Addendum. The Company used the \$19/ton Medium
13 Carbon Tax stream of values for this analysis, consistent with the 2011 IRP
14 preferred portfolio assumption. The selection of these values was based on one of
15 the key attributes of energy efficiency resources, i.e. it is “zero carbon.”

16 Projected three-year participation, assuming the proposed changes are in
17 effect, was used for this analysis. In addition, the net-to-gross rates from the 2006-
18 2008 FinAnswer Express program evaluation study are also utilized. Cost-

1 effectiveness results are summarized in Table 9 below with details provided as
2 Attachment A.

Table 9
Proposed FinAnswer Express Program Cost Effectiveness Summary

Cost-effectiveness Test	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	1.635
Total Resource Cost Test (TRC) No Adder	1.487
Utility Cost Test (UCT)	2.121
Rate Impact Test (RIM)	0.759
Participant Cost Test (PCT)	2.948

3 **Q. Are you requesting other changes or modifications?**

4 A. Yes. We are also requesting approval to utilize a flexible tariff format.

5 **Q. What is a flexible tariff format and why is it needed?**

6 A. The flexible tariff format allows the Company to manage Program details such as
7 qualifying equipment and services, incentive amounts, dates for incentive
8 availability and other terms and conditions on the Rocky Mountain Power website
9 instead of the Schedule 115 tariff sheets. Hardcopies of Program materials will be
10 available upon request from customers who do not have web access.

11 Given the scope of Program details, the current approved tariff has 13
12 tariff sheets. The number of tariff sheets will increase substantially if the
13 Company's proposed modifications and additions in this filing are approved by
14 the Commission.

15 Future changes to this content will be driven by program and market data,
16 proposed program changes will be made on an as needed basis. The frequency
17 with which codes, standards, third party specifications and new market data

1 change, the flexible tariff format reduces the time necessary for changes to
2 become effective.

3 **Q. How would changes to the Program details be administered in the future?**

4 A. The initial changes to the Program details (incentive tables, definitions and
5 general incentive information) are included in redlined format as Attachment B to
6 this filing.

7 Future changes to Program details will be managed as follows:

- 8 • Similar to the filing process, the Company will provide information on any
9 proposed changes to Program details to Commission staff and allow for a
10 reasonable period of time for staff to comment on the proposed changes.
- 11 • Once Commission staff comments, if any, are resolved the final set of
12 changes will be clearly posted on the website with at least 45 days
13 advance notice.
- 14 • After the 45 day noticing period the changes would then be in effect.

15 A flow chart documenting this process is provided as Attachment C. This process
16 was discussed with Commission staff in a conference call on April 24, 2012, and
17 is similar to that used in managing the Company's Home Energy Savers Incentive
18 Program (Schedule 118) approved by the Commission August 14, 2006.

19 **Q. How will customers be notified of changes?**

20 A. Once Commission staff has comments, if any, are resolved the final set of
21 changes will be posted on the Company's website. In addition to and concurrent
22 with posting the notification of changes on the website, the Company will also
23 continue to provide notification of the program changes to internal staff, program

1 delivery contractors, and participating vendors so they can share the information
2 with customers.

3 **Q. Does this conclude your testimony?**

4 **A. Yes.**

ATTACHMENT A

THE
CADMUS
GROUP, INC.

Date: May 9, 2012
To: Don Jones, Jr.
From: Aaron Jenniges and Andy Eiden
Re: Idaho FinAnswer Express 2012-2014 Cost-Effectiveness

The tables below present the cost-effectiveness findings of the Idaho FinAnswer Express program based on projected 2012, 2013, and 2014 costs and savings estimates provided by PacifiCorp in a spreadsheet entitled "ID CE inputs 4-26-2012 3 + DLJ adds for RR NTG and measure life 042712.xlsx". The Utility discount rate is from the 2011 PacifiCorp Integrated Resource Plan.

Cost-effectiveness was tested using the 2011 IRP medium 69% east system load factor decrement. Table 1 lists modeling inputs, and Table 2 shows the annual cost and savings information provided by PacifiCorp. Table 3 provides measure lives (from 2011 annual report cost-effectiveness analyses) for each bundle, provided by PacifiCorp, as well as realization rates and net-to-gross ratio for each bundle's savings values (from the 2006-2008 program evaluation). Table 4 outlines the administrative costs.

Overall, the FinAnswer Express program is cost-effective from four of the five standard cost-benefit tests. It does not pass the RIM test. Cost-effectiveness results for the entire program and each measure group are provided starting in Table 5. Results are shown for the 2012, 2013, and 2014 program years combined.

Table 1: FinAnswer Express Inputs

Parameter	Value
Discount Rate	7.17%
Commercial line loss	9.326%
Industrial line Loss	9.055%
Commercial energy rate (\$/kWh) ¹	
2012	\$0.0800
2013	\$0.0815
2014	\$0.0829
Industrial energy rate (\$/kWh) ²	
2012	\$0.0572
2013	\$0.0582
2014	\$0.0593

¹ The 2011 commercial energy rate is \$0.0786 / kWh. The 2011 rate is escalated by 1.8% (inflation rate from 2011 IRP) annually to estimate 2012-2014 rates.

² The 2011 industrial energy rate is \$0.0562 / kWh. The 2011 rate is escalated by 1.8% (inflation rate from 2011 IRP) annually to estimate 2012-2014 rates.

Table 2: FinAnswer Express Annual Costs and Savings by Year and Measure Type

FinAnswer Express	End Use	Gross kWh Savings	Gross KW Savings	Incentives	Participant Incremental Cost
2012	Appliances	4,306	0	\$700	\$1,634
	Compressed Air	39,600	3	\$5,980	\$25,082
	Envelope	9,507	2	\$3,806	\$8,783
	Farm Equipment	20,400	4	\$2,872	\$7,217
	Food Service	92,603	22	\$13,475	\$27,245
	HVAC	131,303	34	\$22,775	\$83,668
	Irrigation	0	0	\$0	\$0
	Lighting Equipment	1,230,869	137	\$47,782	\$271,922
	Motors	351,965	4	\$21,504	\$61,279
	Office Equipment	3,182	0	\$287	\$412
	Non Trade-Ally	188,373	35	\$23,961	\$47,093
	2012 Total	2,072,108	241	\$143,143	\$534,335
2013	Appliances	4,306	0	\$700	\$1,634
	Compressed Air	79,200	7	\$11,959	\$50,164
	Envelope	10,748	2	\$4,267	\$9,922
	Farm Equipment	40,800	7	\$5,745	\$14,434
	Food Service	123,983	30	\$19,038	\$36,838
	HVAC	148,727	38	\$25,285	\$92,553
	Irrigation	0	0	\$0	\$0
	Lighting Equipment	1,307,799	146	\$50,769	\$288,917
	Motors	432,517	4	\$26,513	\$75,547
	Office Equipment	3,668	0	\$308	\$448
	Non Trade-Ally	215,175	40	\$27,370	\$53,794
	2013 Total	2,366,922	274	\$171,953	\$624,250
2014	Appliances	5,304	0	\$850	\$2,004
	Compressed Air	88,030	8	\$13,293	\$55,757
	Envelope	12,096	3	\$4,881	\$11,130
	Farm Equipment	45,350	8	\$6,385	\$16,043
	Food Service	127,383	30	\$19,838	\$36,255
	HVAC	168,678	44	\$30,920	\$109,946
	Irrigation	0	0	\$0	\$0
	Lighting Equipment	1,000,081	112	\$38,823	\$220,937
	Motors	510,856	5	\$31,341	\$89,434
	Office Equipment	4,154	0	\$329	\$484
	Non Trade-Ally	196,193	36	\$24,956	\$49,048
	2014 Total	2,158,125	247	\$171,615	\$591,039
All Years	Appliances	13,916	1	\$2,250	\$5,272
	Compressed Air	206,830	18	\$31,231	\$131,003
	Envelope	32,351	7	\$12,954	\$29,835
	Farm Equipment	106,550	19	\$15,002	\$37,694
	Food Service	343,968	82	\$52,350	\$100,338
	HVAC	448,707	116	\$78,980	\$286,166
	Irrigation	0	0	\$0	\$0
	Lighting Equipment	3,538,749	395	\$137,375	\$781,776
	Motors	1,295,338	13	\$79,357	\$226,260
	Office Equipment	11,004	1	\$924	\$1,344
	Non Trade-Ally	599,741	111	\$76,288	\$149,935
	All Years Total	6,597,154	762	\$486,710	\$1,749,623

Table 3: FinAnswer Express Measure Lives, Realization Rates, and NTG by Measure Type

End Use	Measure Life	Realization Rate	Net-to-Gross
Appliances	12	0.96	0.76
Compressed Air	12	0.96	0.76
Envelope	12	0.96	0.76
Farm Equipment	12	0.96	0.76
Food Service	12	0.96	0.76
HVAC	12	0.96	0.76
Irrigation	12	0.96	0.76
Lighting Equipment	12	0.96	0.76
Motors	12	0.96	0.76
Office Equipment	12	0.96	0.76
Non Trade-Ally	12	0.96	0.76

Table 4: Program Costs

Year	Third Party Program Delivery Services	Incentives	Design and Program development	Evaluation	Marketing	Utility Labor	Engineering + Lighting Inspections	Total
2012	\$190,694	\$143,143	\$20,000	\$196,650	\$30,000	\$65,000	\$80,000	\$725,487
2013	\$211,177	\$171,953	\$20,000	\$10,000	\$30,000	\$65,000	\$80,000	\$588,129
2014	\$191,561	\$171,615	\$20,000	\$95,851	\$30,000	\$65,000	\$80,000	\$654,027
Total	\$593,432	\$486,710	\$60,000	\$302,501	\$90,000	\$195,000	\$240,000	\$1,967,643

Table 5: FinAnswer Express Cost Effectiveness, All Years, Entire Program

FinAnswer Express - Entire Program				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0635	\$2,630,578	\$4,301,764	\$1,671,186	1.635
Total Resource Cost Test (TRC) No Adder	0.0635	\$2,630,578	\$3,910,695	\$1,280,117	1.487
Utility Cost Test (UCT)	0.0445	\$1,843,710	\$3,910,695	\$2,066,985	2.121
Rate Impact Test (RIM)		\$5,154,993	\$3,910,695	(\$1,244,298)	0.759
Participant Cost Test (PCT)		\$1,631,420	\$4,809,963	\$3,178,543	2.948
Lifecycle Revenue Impacts (\$/kWh)				\$0.000035916	
Discounted Participant Payback (years)				3.59	

Table 6: FinAnswer Express Cost Effectiveness, All Years, Appliance Measures

FinAnswer Express - Appliances				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0428	\$3,727	\$8,651	\$4,924	2.321
Total Resource Cost Test (TRC) No Adder	0.0428	\$3,727	\$7,865	\$4,138	2.110
Utility Cost Test (UCT)	0.0240	\$2,093	\$7,865	\$5,771	3.757
Rate Impact Test (RIM)		\$9,164	\$7,865	(\$1,299)	0.858
Participant Cost Test (PCT)		\$4,904	\$11,396	\$6,493	2.324
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000037	
Discounted Participant Payback (years)				3.97	

Table 7: FinAnswer Express Cost Effectiveness, All Years, Compressed Air Measures

FinAnswer Express - Compressed Air				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0717	\$91,531	\$125,560	\$34,028	1.372
Total Resource Cost Test (TRC) No Adder	0.0717	\$91,531	\$114,145	\$22,614	1.247
Utility Cost Test (UCT)	0.0225	\$28,712	\$114,145	\$85,433	3.976
Rate Impact Test (RIM)		\$103,213	\$114,145	\$10,932	1.106
Participant Cost Test (PCT)		\$120,436	\$126,740	\$6,304	1.052
Lifecycle Revenue Impacts (\$/kWh)				(\$0.000000316)	
Discounted Participant Payback (years)				12.23	

Table 8: FinAnswer Express Cost Effectiveness, All Years, Envelope Measures

FinAnswer Express - Envelope				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.1042	\$21,076	\$21,238	\$162	1.008
Total Resource Cost Test (TRC) No Adder	0.1042	\$21,076	\$19,307	(\$1,769)	0.916
Utility Cost Test (UCT)	0.0595	\$12,037	\$19,307	\$7,270	1.604
Rate Impact Test (RIM)		\$28,436	\$19,307	(\$9,129)	0.679
Participant Cost Test (PCT)		\$27,732	\$33,615	\$5,883	1.212
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000264	
Discounted Participant Payback (years)				8.99	

Table 9: FinAnswer Express Cost Effectiveness, All Years, Farm Equipment Measures

FinAnswer Express - Farm Equipment				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0401	\$26,337	\$74,153	\$47,817	2.816
Total Resource Cost Test (TRC) No Adder	0.0401	\$26,337	\$67,412	\$41,075	2.560
Utility Cost Test (UCT)	0.0210	\$13,792	\$67,412	\$53,620	4.888
Rate Impact Test (RIM)		\$52,172	\$67,412	\$15,240	1.292
Participant Cost Test (PCT)		\$34,654	\$64,292	\$29,638	1.855
Lifecycle Revenue Impacts (\$/kWh)				(\$0.000000440)	
Discounted Participant Payback (years)				5.33	

Table 10: FinAnswer Express Cost Effectiveness, All Years, Food Service Measures

FinAnswer Express - Food Service				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0330	\$70,820	\$211,991	\$141,171	2.993
Total Resource Cost Test (TRC) No Adder	0.0330	\$70,820	\$192,719	\$121,899	2.721
Utility Cost Test (UCT)	0.0226	\$48,511	\$192,719	\$144,208	3.973
Rate Impact Test (RIM)		\$222,996	\$192,719	(\$30,277)	0.864
Participant Cost Test (PCT)		\$93,184	\$278,097	\$184,913	2.984
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000874	
Discounted Participant Payback (years)				2.95	

Table 11: FinAnswer Express Cost Effectiveness, All Years, HVAC Measures

FinAnswer Express - HVAC				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0720	\$201,974	\$294,535	\$92,561	1.458
Total Resource Cost Test (TRC) No Adder	0.0720	\$201,974	\$267,759	\$65,785	1.326
Utility Cost Test (UCT)	0.0261	\$73,289	\$267,759	\$194,470	3.653
Rate Impact Test (RIM)		\$300,709	\$267,759	(\$32,950)	0.890
Participant Cost Test (PCT)		\$265,755	\$372,526	\$106,771	1.402
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000951	
Discounted Participant Payback (years)				7.90	

Table 12: FinAnswer Express Cost Effectiveness, All Years, Irrigation Measures

FinAnswer Express - Irrigation				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	\$0.000	\$0	\$0	\$0	NA
Total Resource Cost Test (TRC) No Adder	\$0.000	\$0	\$0	\$0	NA
Utility Cost Test (UCT)	\$0.000	\$0	\$0	\$0	NA
Rate Impact Test (RIM)		\$0	\$0	\$0	NA
Participant Cost Test (PCT)		\$0	\$0	\$0	NA
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000000	
Discounted Participant Payback (years)				NA	

Table 13: FinAnswer Express Cost Effectiveness, All Years, Lighting Measures

FinAnswer Express - Lighting Equipment				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0250	\$557,744	\$2,317,599	\$1,759,855	4.155
Total Resource Cost Test (TRC) No Adder	0.0250	\$557,744	\$2,106,908	\$1,549,164	3.778
Utility Cost Test (UCT)	0.0058	\$128,957	\$2,106,908	\$1,977,951	16.338
Rate Impact Test (RIM)		\$1,936,166	\$2,106,908	\$170,743	1.088
Participant Cost Test (PCT)		\$733,873	\$2,506,863	\$1,772,990	3.416
Lifecycle Revenue Impacts (\$/kWh)				(\$0.000004928)	
Discounted Participant Payback (years)				3.35	

Table 14: FinAnswer Express Cost Effectiveness, All Years, Motors Measures

FinAnswer Express - Motors				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0197	\$159,326	\$849,303	\$689,978	5.331
Total Resource Cost Test (TRC) No Adder	0.0197	\$159,326	\$772,094	\$612,768	4.846
Utility Cost Test (UCT)	0.0091	\$73,530	\$772,094	\$698,564	10.500
Rate Impact Test (RIM)		\$728,714	\$772,094	\$43,380	1.060
Participant Cost Test (PCT)		\$209,639	\$935,614	\$725,975	4.463
Lifecycle Revenue Impacts (\$/kWh)				(\$0.000001252)	
Discounted Participant Payback (years)				2.68	

Table 15: FinAnswer Express Cost Effectiveness, All Years, Office Equipment Measures

FinAnswer Express - Office Equipment				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0138	\$951	\$6,837	\$5,886	7.188
Total Resource Cost Test (TRC) No Adder	0.0138	\$951	\$6,215	\$5,264	6.535
Utility Cost Test (UCT)	0.0125	\$861	\$6,215	\$5,354	7.220
Rate Impact Test (RIM)		\$6,440	\$6,215	(\$225)	0.965
Participant Cost Test (PCT)		\$1,251	\$8,197	\$6,946	6.550
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000006	
Discounted Participant Payback (years)				1.92	

Table 16: FinAnswer Express Cost Effectiveness, All Years, Non Trade-Ally Measures

FinAnswer Express - Non Trade-Ally				East System 69% (2011 medium)	
	Levelized \$/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	0.0282	\$106,395	\$391,898	\$285,503	3.683
Total Resource Cost Test (TRC) No Adder	0.0282	\$106,395	\$356,271	\$249,876	3.349
Utility Cost Test (UCT)	0.0189	\$71,229	\$356,271	\$285,042	5.002
Rate Impact Test (RIM)		\$376,289	\$356,271	(\$20,018)	0.947
Participant Cost Test (PCT)		\$139,993	\$472,623	\$332,630	3.376
Lifecycle Revenue Impacts (\$/kWh)				\$0.000000578	
Discounted Participant Payback (years)				2.74	

ATTACHMENT B

Idaho FinAnswer Express

This document includes the following three sections:

- Definitions of terms used in Schedule 115 and other program documents
- Incentives – General Information
- Incentive tables

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 by the Company 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.

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 Energy Efficiency Measures pursuant to this Tariff Schedule.

(Continued)

~~ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)~~

~~DEFINITIONS: (Continued)~~

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 (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.

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.

(Continued)

~~ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)~~

~~DEFINITIONS: (Continued)~~

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.

INCENTIVES – GENERAL INFORMATION

~~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.~~

Incentives for Measures Listed in the Incentive Tables

Per unit incentives are listed in the program incentives tables for specific Energy Efficiency Measures (EEMs) and are subject to the incentive caps below. Incentives are subject to change and current incentives can be found on the Idaho energy efficiency program section of the Company website.

Custom Incentives

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 \$0.0810/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.~~

Energy Efficiency Incentive caps Caps tableTable

<u>Measure Category</u>	<u>Percent of Energy Efficiency Project Cost Cap</u>	<u>1-year Simple Payback Cap for Energy Efficiency Projects¹</u>
<u>Measures Listed in Incentive Tables</u>		
<u>Lighting – Retrofit</u>	<u>50%</u>	<u>Yes</u>
<u>Lighting – New Construction/Major Renovation</u>	<u>None</u>	<u>No</u>
<u>Motors</u>	<u>None</u>	<u>No</u>
<u>HVAC</u>	<u>None</u>	<u>No</u>
<u>Building Envelope</u>	<u>None</u>	<u>No</u>
<u>Food Service</u>	<u>None</u>	<u>No</u>
<u>Office²</u>	<u>None</u>	<u>No</u>
<u>Appliances</u>	<u>None</u>	<u>No</u>
<u>Dairy/Farm Equipment</u>	<u>None</u>	<u>No</u>
<u>Compressed Air</u>	<u>None</u>	<u>No</u>
<u>Measures Not Listed in Incentive Tables</u>		
<u>Exterior Lighting – New Construction/ Major Renovation Measures Receiving a Custom Incentive</u>	<u>None</u>	<u>No</u>
<u>Other Measures Receiving Custom Incentive</u>	<u>50%</u>	<u>Yes</u>

Notes for energy efficiency caps table:

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 The Network Personal Computer Power Management Software measure has a measure cost cap. See the Office incentive table for details.

	Measures Listed in Incentive Tables				Measures Receiving Custom Incentive
	Lighting		Motors	Mechanical/Envelope/Other	
	Retrofit	NC/MR			
Percent of Energy Efficiency Project Cost cap	50%	None	None	None	50%
1 year simple payback cap for Energy Efficiency Project	Yes	No	No	No	Yes

Additional notes about incentives

Electric savings resulting from lighting interaction with HVAC equipment will not be eligible for an Energy Efficiency Incentive.

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. (Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

INCENTIVE FOR ENERGY EFFICIENCY MEASURES: (Continued)

For existing fixtures, the ~~The~~ baseline wattage for all Retrofit linear fluorescent lighting Energy Efficiency Measures ~~not listed in incentive Table 1~~ shall be the lesser of

- a) ~~Wattage of existing equipment or~~
- a)b) ~~Wattage of deemed baseline the energy efficient magnetic ballast and energy saving lamp combination as listed in the lighting table available on the Idaho energy efficiency program section of the Company website.~~

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 ~~only one Energy Efficiency Incentive~~ a financial incentive for EEM purchase/installation from the ~~only one~~ Company program per EEM.

INCENTIVE TABLES

Incentives for lighting retrofits

<u>Measure</u>	<u>Category</u>	<u>Eligibility Requirements</u>	<u>Incentive</u>
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 and existing fixture, the lamp and all corresponding sockets must be permanently disabled.	\$21/Lamp Removed
	Relamp	Lamp wattage reduction \geq 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 \leq 28 Watts, Ballast Factor \leq 1.0	\$5/Lamp
	Relamp	Lamp wattage reduction \geq 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 7)	\$2/Lamp
	Hardwired Fixture	All wattages	\$5/Fixture
Ceramic Metal Halide (CMH)	CMH Fixture	All wattage	\$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

Notes for lighting retrofit incentives:

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. Two-foot U-tube lamps may be substituted for four-foot linear fluorescent lamps.

4. Incentives for T8 Premium Delamps may not be combined with other linear fluorescent lamp or fixture incentives. Complete fixture removals are not eligible.
5. Incentives for T8 Relamps may not be combined with other linear fluorescent lamp or fixture incentives and will only be paid once per facility.
6. Qualified equipment lists referenced in the table are posted on the Idaho energy efficiency program section of the Company's website.
7. 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

Incentives for lighting controls and non-general illuminance (retrofit only)

<u>Measure</u>	<u>Category</u>	<u>Eligibility Requirements</u>	<u>Incentive</u>
<u>Lighting Control</u>	<u>Occupancy Control</u>	<u>PIR, Dual Tech, or Integral Sensor</u>	<u>\$75/Sensor</u>
	<u>Daylighting Control</u>	<u>Must control interior fixtures with driver or qualifying dimming ballast that dims 50% or more of the fixture in response to daylight.</u>	<u>\$75/Sensor</u>
	<u>Advanced Daylighting Control</u>	<u>Must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same space.</u>	<u>\$150</u>
	<u>Dimming Ballast</u>	<u>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.</u>	<u>\$15/Ballast</u>
<u>Non-General Illuminance</u>	<u>Exit Sign</u>	<u>LED or photoluminescent replacing incandescent or fluorescent</u>	<u>\$15/Sign</u>
	<u>LED Message Center Sign</u>	<u>LED replacing existing incandescent signage</u>	<u>\$5/Lamp</u>
	<u>LED Channel Letter Sign</u>	<u>LED replacing existing neon or fluorescent signage</u>	<u>\$5/Linear Foot</u>
	<u>LED Marquee/Cabinet Sign</u>	<u>LED replacing existing fluorescent signage</u>	<u>\$5/Linear Foot</u>

Notes for retrofit lighting controls and non-general illuminance incentives

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 other occupancy control or daylighting control incentives.

PIR = Passive Infrared

Dual Tech = Sensors combining ultrasonic and passive infrared

LED = Light-emitting Diode

Incentives for new construction/major renovation lighting

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

CFL = Compact Fluorescent Lamp

LED = Light-Emitting Diode

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Category	Table 1a—Retrofit Lighting Energy Efficiency Measures		Customer Incentive
	Replace	With	
Fluorescent Fixture Upgrade to Standard T8 Fixtures [Standard T8 lamps and electronic ballasts (EB) with ballast factor (BF) ≤ 0.88]	4' 1 or 2 T12 lamp(s) + 1 magnetic ballast (MB)	4' 1 or 2 T8 lamps + 1 electronic ballast (EB)	\$5
	4' 3 or 4 T12 lamp(s) + MB(s)	4' 3 or 4 T8 lamps + EB	\$10
	8' 1 or 2 T12 lamp(s) + MB(s)	4' 2, 3, or 4 T8 lamps + EB	\$10
	8' 1, 2, 3 or 4 T12 lamps + MB(s)	8' 1, 2, 3 or 4 T8 lamps + EB	\$10
	8' 1, 2, 3 or 4 T12 HO/VHO lamps + MB(s)	8' 1, 2, 3, or 4 T8 HO/VHO lamps + EB(s), see note 5	\$15
Fluorescent Fixture Upgrade to 4' Premium T8 Fixtures [Lamps with initial lumens ≥ 3100 or wattage ≤ 30 W; electronic ballasts with BF ≤ 0.8]	4' 1 or 2 T12 lamp(s) + MB or Standard T8 lamp(s) + EB	4' 1 or 2 Premium T8 lamp(s) + EB	\$10
	4' 3 or 4 T12 lamps + MB(s) or Standard T8 lamps + EB	4' 3 or 4 Premium T8 lamps + EB	\$15
	8' 1 or 2 T12 lamp(s) + MB(s)	4' 2, 3 or 4 Premium T8 lamps + EB	\$20
Fluorescent Delamping and Standard T8 Fixture Upgrade [Standard T8 lamps and electronic ballasts (EB) with BF ≤ 0.88 - Fixture removal is not eligible]	4' 2 T12 lamps + MB	4' 1 Standard T8 lamp + EB	\$10
	4' 3 T12 lamps + MB(s)	4' 2 or 1 Standard T8 lamp + EB	\$15
	4' 4 T12 lamps + MB(s)	4' 3 Standard T8 lamps + EB	\$15
	4' 4 T12 lamps + MB(s)	4' 2 or 1 Standard T8 lamp + EB	\$25
Fluorescent Delamping and Premium T8 Fixture Upgrade [Lamps with initial lumens ≥ 3100 or wattage ≤ 30 W; electronic ballasts with BF ≤ 0.8 - Fixture removal is not eligible]	4' 2 T12 lamps + MB	4' 1 Premium T8 lamp + EB	\$15
	4' 3 T12 lamps + MB(s)	4' 2 or 1 Premium T8 lamp + EB	\$20
	4' 4 T12 lamps + MB(s)	4' 3 Premium T8 lamps + EB	\$20
	4' 4 T12 lamps + MB(s)	4' 2 or 1 Premium T8 lamp + EB	\$30
T8 Fluorescent Lamp Upgrade	≥ 32 W T8 lamp	≤ 30 W T8 lamp (see note 4)	\$50
Compact Fluorescent Lighting (CFL)	Incandescent	≤ 10 W (nominal) CFL hardwire fixture	\$10
	Incandescent	≥ 10 W, < 20 W (nominal) CFL hardwire fixture	\$15
	Incandescent	≥ 20 W (nominal) CFL hardwire fixture	\$20
	Incandescent	> 40 W two-piece screw-in CFL	\$5
	Incandescent	Single-piece screw-in CFL (all wattages)	\$2
T5 Fluorescent Fixture Upgrade	≥ 250 W MH, MV or HPS	3 T5HO lamps (nominal 4') + EB (High Bay)	\$70
	≥ 400 W MH, MV, or HPS	4, 5 or 6 T5HO lamps (nominal 4') + EB(s) (High Bay)	\$75
	4' 4 T12 lamps + MB(s)	2 T5 lamps (nominal 4') + EB (interior fixtures)	\$30
	4' 4 T12 lamps + MB(s)	2 T5HO lamps (nominal 4') + EB (interior fixtures)	\$25

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Category	Table 1a - Retrofit Lighting Energy Efficiency Measures (continued)		Customer Incentive
	Replace	With	
High Intensity Discharges (HID) Upgrades Based on lamp wattages	Incandescent or tungsten	≤ 100 W Ceramic Metal Halide	\$25
	≥ 400 W MH, MV or HPS	≤ 320 W Ceramic Metal Halide	\$100
	≥ 750 W MH, MV, or HPS	≤ 400 W Ceramic Metal Halide	\$120

	> 150W and < 250W MH, MV, or HPS, or > 150W incandescent	> 125W and < 175W Pulse Start MH	\$60
	> 250W and < 400W MH, MV, or HPS	> 175W and < 320W Pulse Start MH	\$75
	> 400W MH, MV, or HPS	< 400W Pulse Start MH	\$100
	> 1000W MH, MV or HPS	< 750W Pulse Start MH	\$100
	> 250 W & < 750 W MH, MV, or HPS	4' 4, 5, or 6 T8 lamps + EB(s) (High Bay)	\$75
	> 750 W MH, MV or HPS	4' 8 lamp T8 + EB(s) (High Bay)	\$100
Exit Signs	Incandescent or fluorescent exit signs	Light Emitting Diode (LED) or Electro luminescent (EL) Exit Sign — 1 or 2 faced	\$15
Lighting Controls	Wall switch or no control	Wall or Ceiling Mounted Occupancy Sensor (per sensor)	\$30
	No control	Integral occupancy sensor	\$25
	No control	Photo cell (per sensor)	\$20
	No control	Time clock (per control)	\$20
LED Lighting	Indoor incandescent, neon or fluorescent signage	LED channel letter signage < 2' high	\$4/linear foot
		LED channel letter signage > 2' high	\$6/linear foot
	Outdoor incandescent, neon or fluorescent signage	LED channel letter signage < 2' high	\$2/linear foot
		LED channel letter signage > 2' high	\$3/linear foot

Notes for Table 1a:

- 1— Incentives are capped at 50 percent of Energy Efficiency Project Costs and are subject to the one-year payback cap.
- 2— 2' U-tube lamps may be substituted for 4' linear fluorescent lamps in the above table.
- 3— For retrofits of existing equipment, lighting incentives will be paid on a one-for-one equipment replacement basis. If fixture counts are changing, the project may be considered under the approach for measures not listed (see page 3).
- 4— Incentives for T8 Fluorescent Lamp Upgrades may not be combined with other fluorescent fixture incentives and will only be paid once per facility.
- 5— T8 HO/VHO and High Bay T-8 electronic ballasts are required to have a BF < 1.2 to be eligible for incentives.
- 6— Lighting equipment listed only in the "Replace" column of Table 1a is not eligible for incentives.
- 7— To determine the length of LED channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
- 8— Incentives for LED traffic light upgrades are not available.

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 1b— New Construction/Major Renovation Lighting Incentive

Category	Install	Incentive
Premium T8 Fluorescent Fixture Upgrade [Lamps with initial lumens ≥ 3100 or wattage ≤ 30 W; electronic ballasts with BF ≤ 0.8]	4' 1 or 2 Premium T8 lamp(s) + EB	\$7
	4' 3 or 4 Premium T8 lamps + EB	\$10
T5 Fluorescent Fixture Upgrade	2 T5HO lamps (nominal 4') + EB (interior fixtures)	\$20
	3 T5HO lamps (nominal 4') + EB (High Bay)	\$40
	≥ 4 T5HO lamps (nominal 4') + EB(s) (High Bay)	\$60
	1 T5 lamp (nominal 4') + EB (interior fixtures)	\$10
	2 T5 lamps (nominal 4') + EB (interior fixtures)	\$25
	3 T5 lamps (nominal 4') + EB (interior fixtures)	\$30

Category	Install	Incentive
T8 Fluorescent Fixture Upgrade (High Bay)	4' ≥ 4 T8 lamps + EB(s) (High Bay)	\$45
High Intensity Discharge (HID) Upgrades Based on lamp wattages	≤ 100W Ceramic Metal Halide	\$20
	> 100W Ceramic Metal Halide	\$40
	> 500W Pulse Start MH	\$30
Lighting Controls	Integral occupancy sensor	\$25
LED Lighting	Indoor LED channel letter signage ≤ 2' high	\$4/linear foot
	Indoor LED channel letter signage > 2' high	\$6/linear foot
	Outdoor LED channel letter signage ≤ 2' high	\$2/linear foot
	Outdoor LED channel letter signage > 2' high	\$3/linear foot

Notes for new construction and major renovation lighting incentives:

1. The date of the building permit application shall establish the applicable version of the Idaho energy code.
2. The total connected interior lighting power for New Construction/Major Renovation projects required to comply with the energy code must be 10 percent lower than the interior lighting power allowance calculated according to applicable version of the Idaho energy code. For New Construction/Major Renovation projects not required to comply with the energy code, the total connected lighting power must be 10% lower than common practice as determined by the Company.
3. Incentives are not available for lighting controls required under the applicable version of the Idaho energy code.
4. 2' U-tube lamps may be substituted for 4' linear fluorescent lamps in the above table.
5. Electronic ballasts for High Bay fixtures are required to have a ballast factor ≤ 1.2 to be eligible for incentives.
6. To determine the length of LED channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
7. Incentives for LED traffic light installations are not available.

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 2a — NEMA Premium Efficiency Motors

Horsepower	Customer Incentive (\$/motor)	Nominal Full Load Efficiencies (%)					
		1200-RPMs		1800-RPMs		3600-RPMs	
		Open-Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)	Open-Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)	Open-Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)
1	\$45	82.5	82.5	85.5	85.5	77.0	77.0
1.5	\$45	86.5	87.5	86.5	86.5	84.0	84.0
2	\$54	87.5	88.5	86.5	86.5	85.5	85.5
3	\$54	88.5	89.5	89.5	89.5	85.5	86.5
5	\$54	89.5	89.5	89.5	89.5	86.5	88.5
7.5	\$84	90.2	91.0	91.0	91.7	88.5	89.5
10	\$90	91.7	91.0	91.7	91.7	89.5	90.2
15	\$104	91.7	91.7	93.0	92.4	90.2	91.0

20	\$113	92.4	91.7	93.0	93.0	91.0	91.0
25	\$117	93.0	93.0	93.6	93.6	91.7	91.7
30	\$125	93.6	93.0	94.1	93.6	91.7	91.7
40	\$162	94.1	94.1	94.1	94.1	92.4	92.4
50	\$198	94.1	94.1	94.5	94.5	93.0	93.0
60	\$234	94.5	94.5	95.0	95.0	93.6	93.6
75	\$270	94.5	94.5	95.0	95.4	93.6	93.6
100	\$360	95.0	95.0	95.4	95.4	93.6	94.1
125	\$540	95.0	95.0	95.4	95.4	94.1	95.0
150	\$630	95.4	95.8	95.8	95.8	94.1	95.0
200	\$630	95.4	95.8	95.8	96.2	95.0	95.4

Notes for Table 2a:

- 1) ~~Motors larger than 200 horsepower are not a listed measure and may be eligible for a custom Energy Efficiency Incentive (see page 3).~~
- 2) ~~The National Electrical Manufacturers Association (NEMA) Premium efficiency ratings listed are nominal full-load efficiency ratings. Motors that meet or exceed these efficiency requirements may qualify for an incentive.~~
- 3) ~~Motors that are installed or placed in inventory may qualify for an incentive.~~
- 4) ~~Incentives are available for qualifying motors purchased prior to the effective date of this Schedule. Incentives are not available for Premium Efficiency Motors purchased on or after the effective date of this Schedule.~~

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 2b - Other Incentives for Motors Incentives Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Electronically Commutated Motor	≤ 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 hp	--	Must meet GMPG Standards	\$1/horsepower Refer to Note 3

Notes for table 2b motor incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for ~~an~~ 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 Idaho 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~~ 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 Electrical Manufacturers Association (NEMA) Premium Efficiency Motors purchased on or after January 15, 2011.

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

~~ECM = Electronically Commutated Motor~~

~~VFD = Variable-Frequency Drive~~

~~GMPG = Green Motors Practices Group~~

HVAC = Heating, Ventilating, and Air Conditioning

Incentives for HVAC equipment

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$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) (Heating & 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 & three 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 1	=
Heat Pumps, Air-Cooled (Heating Mode) - See Note 3	< 65,000 Btu/hr (single & three phase)	Split system and single package	=	CEE Tier 1	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	=
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 HVAC incentives:

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 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 only with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established as part of 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

Table 3a—HVAC Equipment Incentive Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$50/ton	\$75/ton	\$100/ton
Unitary-Commercial Air-Conditioners, Air-Cooled (Cooling Mode)	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	—	
	< 65,000 Btu/hr (three-phase)	Split system and single package	—	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	—	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	—	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 240,000 Btu/hr and < 760,000 Btu/hr	Split system and single package	—	10.5 EER and either 10.9 IPLV or 10.7 IEER	10.8 EER and either 12.0 IPLV or 11.0 IEER

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 3a—HVAC Equipment Incentive Table (continued)

Unitary-Commercial Air-Conditioners, Air-Cooled (Cooling Mode) (cont.)	≥ 760,000 Btu/hr	Split system and single package	—	9.7 EER and either 11.0 IPLV or 9.9 IEER	10.2 EER and either 11.0 IPLV or 10.4 IEER
Unitary-Commercial Air-Conditioners, Water and Evaporatively Cooled	< 135,000 Btu/hr	Split system and single package	14.0 EER	—	
	≥ 135,000 Btu/hr	Split system and single package	14.0 EER	—	
Package-Terminal Air-Conditioners and Heat Pumps (PTAC/PTHP) (Heating & Cooling Mode)	≤ 8,000 Btu/hr	Single package	11.8 EER and 3.3 COP	—	
	> 8,000 Btu/hr and ≤ 10,500 Btu/hr	Single package	11.4 EER and 3.2 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	10.0 EER and 3.0 COP	—	
Heat Pumps, Air-Cooled (Cooling Mode)	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	—	
	< 65,000 Btu/hr (three-phase)	Split system and single package	—	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	—	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	—	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 240,000 Btu/hr	Split system and single package	—	10.5 EER and either 10.9 IPLV	10.8 EER and either 12.0 IPLV

				or 10.7 EER	or 11.0 EER	
Heat Pumps, Air-Cooled (Heating Mode)– See Note 2	< 65,000 Btu/hr (single phase)	Split system	8.5 HSPF	–		
		Single package	8.0 HSPF	–		
	< 65,000 Btu/hr (three phase)	Split system	–	8.5 HSPF	9.0 HSPF	
		Single package	–	8.0 HSPF	8.5 HSPF	
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	47°F db/43°F wb outdoor air	–	3.4 COP		
		47°F db/43°F wb outdoor air	–	2.4 COP		
	≥ 135,000 Btu/hr	47°F db/43°F wb outdoor air	–	3.2 COP		
		47°F db/43°F wb outdoor air	–	2.1 COP		

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 3a – HVAC Equipment Incentive Table (continued)

Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	86°F Entering Water	14.0 EER	–
Heat Pumps, Water-Source (Heating Mode)– See Note 2	< 135,000 Btu/hr	68°F Entering Water	4.6 COP	–

Table 3b – Mechanical and Incentives for Other HVAC equipment Energy Efficiency Measures

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling	All	Direct or Indirect	Industry Standard Rating (ISR) CFM	\$0.0206/ISR 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	Served primarily occupant comfort cooling loads (no more than 20% for process cooling loads)	Must exceed minimum efficiencies required energy code.	\$0.12/kWh annual energy savings + \$50/kW See note Note 2-3
Room Air Conditioner	Residential (used in a business)	See Home Energy Savings program	See Home Energy Savings program	See Note 5
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 35	\$50/controller

Notes for other HVAC equipment incentives:

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 + \$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 + \$50/ kW average monthly demand savings. Chiller energy and demand savings subject to approval by the Company.
4. 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.
5. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

CFM = Cubic Feet per Minute

HVAC = Heating, Ventilating and Air-Conditioning

IDEC = Indirect-Direct Evaporative Cooling

PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 3b— Mechanical and Other Energy Efficiency Measures (continued)

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Vertical Solid-Door Refrigerator	$0 < V < 15$		ENERGY STAR®	\$100
	$15 \leq V < 30$		ENERGY STAR®	\$125
	$30 \leq V < 50$		ENERGY STAR®	\$150
	$50 \leq V$		ENERGY STAR®	\$175
Vertical Solid-Door Freezer	$0 < V < 15$		ENERGY STAR®	\$125
	$15 \leq V < 30$		ENERGY STAR®	\$150
	$30 \leq V < 50$		ENERGY STAR®	\$175
	$50 \leq V$		ENERGY STAR®	\$200
Cool-Roof	Roofing over spaces with mechanical cooling		ENERGY STAR® Reflective-Roof Products Label	\$0.10/square-foot
Plug Load-Occupancy Sensor				\$15/qualifying unit
Beverage or refrigerated display machine occupancy sensor	No-occupancy sensor control	Beverage-vending or refrigerated display-machine occupancy sensor	See Note 4	\$75/sensor

Notes for Table 3b:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for an incentive.
2. Chiller energy and demand savings subject to approval by the Company.
3. Controller units must include an occupancy sensor and include the capability to set back the zone temperature during extended unoccupied periods and setup the temperature once the zone is occupied.
4. Intended for refrigerated vending machines and display cases containing only non-perishable bottled and canned beverages. Refurbished equipment that includes occupancy control is eligible.

PTHP = Package Terminal Heat Pump

HVAC = Heating, Ventilating and Air Conditioning

PTAC = Package Terminal Air Conditioner

V = Association of Home Appliance Manufacturers (AHAM) volume in cubic feet

Table 4— Building Envelope Energy Efficiency Measures

Description	Minimum Efficiency Requirement(s)	Customer Incentive
Wall insulation	Add R5	\$0.07/square foot
Roof insulation	Add R10	\$0.09/square foot
Window	U factor 0.35 and SHGC of .40	\$0.35/square foot

Incentives for building envelope (Retrofit)

<u>Equipment Type</u>	<u>Category</u>	<u>Minimum Efficiency Requirement</u>	<u>Customer Incentive</u>
Cool Roof	==	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	==	Minimum increment of R-10 insulation added	\$0.09/square foot
Wall Insulation	==	Minimum increment of R-10 insulation added	\$0.07/square foot
Windows (See notes 3, 4)	Site-built	U-Factor \leq 0.30 and SHGC \leq 0.33 (glazing only rating)	\$0.35/square foot
	Assembly	U-Factor \leq 0.30 and SHGC \leq 0.33 (entire window assembly rating)	\$0.35/square foot
Window Film	Existing windows	See Note 5	See Note 5

Notes for building envelope incentives (retrofit):

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 incentives.
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

Incentives for building envelope (New Construction/Major Renovation)

<u>Equipment Type</u>	<u>Category</u>	<u>Minimum Efficiency Requirement</u>	<u>Customer Incentive</u>
Cool Roof	--	ENERGY STAR Qualified	\$0.10/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above code (See Note 5)	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above code (See Note 5)	\$0.07/square foot
Windows (See Notes 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 building envelope incentives for New Construction/Major Renovation projects:

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 incentives.
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 Company approval.

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

Incentives for food service equipment

<u>Equipment Type</u>	<u>Equipment Category</u>	<u>Minimum Efficiency Requirement</u>	<u>Customer Incentive/Unit</u>
<u>Residential Dishwasher</u>	<u>Used in a business</u>	<u>See Home Energy Savings Program</u>	<u>See Note 2</u>
<u>Commercial Dishwasher (Electric Water Heating Only) (See note 3)</u>	<u>Undercounter</u>	<u>ENERGY STAR Qualified</u>	<u>\$500</u>
	<u>Stationary rack, single tank, door type</u>		<u>\$1,000</u>
	<u>Single tank conveyor</u>		<u>\$1,500</u>
	<u>Multiple tank conveyor</u>		<u>\$2,000</u>
<u>Electric Insulated Holding Cabinet</u>	<u>Volume \geq 28 cu. ft.</u>	<u>ENERGY STAR Qualified</u>	<u>\$600</u>
	<u>13 \leq Volume < 28 cu. ft.</u>		<u>\$500</u>
	<u>Volume < 13 cu. ft.</u>		<u>\$400</u>
<u>Electric Steam Cooker</u>	<u>3-, 4-, 5- and 6-pan or larger sizes - Tier 1</u>	<u>ENERGY STAR Qualified</u>	<u>\$750</u>
	<u>3-, 4-, 5- and 6-pan or larger sizes - Tier 2</u>	<u>Heavy Load Efficiency \geq 65%, Idle Energy Rate < .23 kW (See Note 4)</u>	<u>\$840</u>
<u>Electric Convection Oven</u>	<u>=</u>	<u>>70% cooking efficiency (See Note 4)</u>	<u>\$350</u>
<u>Electric Griddle</u>	<u>Tier 1</u>	<u>ENERGY STAR Tier 1 Qualified</u>	<u>\$250</u>
	<u>Tier 2</u>	<u>ENERGY STAR Tier 2 Qualified</u>	<u>\$350</u>
<u>Electric Combination Oven</u>	<u>=</u>	<u>Heavy Load Efficiency \geq 70%, Idle Energy Rate < 3.5 kW (See Note 4)</u>	<u>\$1,000</u>
<u>Electric Commercial Fryer</u>	<u>Tier 1</u>	<u>ENERGY STAR Qualified</u>	<u>\$200</u>
	<u>Tier 2</u>	<u>Cooking Efficiency \geq 86.6%, Idle Energy Rate \leq 772 Watts (See Note 4)</u>	<u>\$300</u>
<u>Ice Machines (Air-Cooled Only)</u>	<u>Tier 1: Harvest rate < 500 lbs/day</u>	<u>ENERGY STAR Qualified</u>	<u>\$65</u>
	<u>Tier 1: Harvest rate \geq 500 lbs/day</u>		<u>\$175</u>
	<u>Tier 2: Harvest rate < 500 lbs/day</u>	<u>CEE Tier 2 Qualified</u>	<u>\$130</u>
	<u>Tier 2: Harvest rate \geq 500 lbs/day</u>		<u>\$265</u>
<u>Residential Refrigerator</u>	<u>Used in a business</u>	<u>See Home Energy Savings Program</u>	<u>See Note 2</u>
<u>Commercial Glass Door Refrigerator</u>	<u>0 < Volume < 15 cu. ft.</u>	<u>ENERGY STAR Qualified</u>	<u>\$100</u>
	<u>15 \leq Volume < 30 cu. ft.</u>		<u>\$125</u>
	<u>30 < Volume < 50 cu. ft.</u>		<u>\$150</u>
	<u>Volume \geq 50 cu. ft.</u>		<u>\$175</u>
	<u>Chest configuration</u>		<u>\$75</u>
<u>Commercial Glass Door Freezer</u>	<u>0 < Volume < 15 cu. ft.</u>	<u>ENERGY STAR Qualified</u>	<u>\$300</u>
	<u>15 \leq Volume < 30 cu. ft.</u>		<u>\$325</u>
	<u>30 \leq Volume < 50 cu. ft.</u>		<u>\$375</u>

	<u>Volume ≥50 cu. ft.</u>		<u>\$800</u>
	<u>Chest configuration</u>		<u>\$100</u>
<u>Commercial Solid Door Refrigerator</u>	<u>0 < Volume < 15 cu. ft.</u>	<u>ENERGY STAR Qualified</u>	<u>\$50</u>
	<u>15 ≤ Volume < 30 cu. ft.</u>		<u>\$75</u>
	<u>30 < Volume < 50 cu. ft.</u>		<u>\$100</u>
	<u>Volume ≥50 cu. ft.</u>		<u>\$125</u>
	<u>Chest configuration</u>		<u>\$75</u>
<u>Commercial Solid Door Freezer</u>	<u>0 < Volume < 15 cu. ft.</u>	<u>ENERGY STAR Qualified</u>	<u>\$150</u>
	<u>15 ≤ Volume < 30 cu. ft.</u>		<u>\$175</u>
	<u>30 < Volume < 50 cu. ft.</u>		<u>\$200</u>
	<u>Volume ≥50 cu. ft.</u>		<u>\$300</u>
	<u>Chest configuration</u>		<u>\$150</u>
<u>LED Case Lighting (Retrofit Only)</u>	<u>--</u>	<u>LED replacing fluorescent lamp in refrigerated cases.</u>	<u>\$10/linear foot</u>
<u>Refrigerated Case Occupancy Sensor (Retrofit Only)</u>	<u>--</u>	<u>Installed in existing refrigerated case with LED lighting</u>	<u>\$1/linear foot</u>

Notes for food service equipment incentives:

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.

ASTM = American Society for Testing and Materials

CEE = Consortium for Energy Efficiency

Incentives for office equipment

<u>Equipment Type</u>	<u>Minimum Efficiency Requirements</u>	<u>Customer Incentive</u>
<u>Network PC Power Management Software</u>	<ol style="list-style-type: none"> 1. <u>Installed software must automatically control the power settings of networked personal computers (PC) at the server level</u> 2. <u>The software must manage power consumption for each individual PC</u> 3. <u>The software must include the capability to report energy savings results</u> 	<u>\$7 per controlled PC (up to 100% of Energy Efficiency Measure costs)</u>
<u>Smart Plug Strip</u>	<ol style="list-style-type: none"> 1. <u>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.</u> 2. <u>Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.)</u> 	<u>\$15/qualifying unit</u>

Notes for office equipment incentives:

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

Incentives for appliances

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

Notes for appliance incentives:

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

Incentives for dairy/farm equipment

<u>Equipment Type</u>	<u>Equipment Category</u>	<u>Minimum Efficiency Requirements</u>	<u>Customer Incentive</u>
<u>Automatic Milker Takeoffs (Retrofit Only)</u>	==	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
<u>Agricultural Engine Block Heater Timers</u>	==	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	\$10 each
<u>Circulating Fans (See note 2)</u>	<u>12-23" Diameter</u>	Fans must achieve an efficiency level of 11 cfm/Watt	\$25/fan
	<u>24-35" Diameter</u>	Fans must achieve an efficiency level of 18 cfm/Watt	\$35/fan
	<u>36-47" Diameter</u>	Fans must achieve an efficiency level of 18 cfm/Watt	\$50/fan
	<u>≥48" Diameter</u>	Fans must achieve an efficiency level of 25 cfm/Watt	\$75/fan
<u>Heat Reclaimers</u>	==	Heat reclaimer must use waste heat from refrigeration compressor to heat water. Customer must use electricity to heat water.	\$220/condenser kW
<u>High-efficiency Livestock Waterers</u>	==	Must have two inches or more of insulation surrounding the inside of the waterer and an electric heating element. Those with a heating element greater than 250 watts must have an adjustable thermostat. Non-electric waterers do not qualify.	\$165 each
<u>High-efficiency Ventilation Systems (See note 2)</u>	<u>12-23" Diameter</u>	Fans must achieve an efficiency level of 11 cfm/Watt	\$45/fan
	<u>24-35" Diameter</u>	Fans must achieve an efficiency level of 13 cfm/Watt	\$75/fan
	<u>36-47" Diameter</u>	Fans must achieve an efficiency level of 17 cfm/Watt	\$125/fan
	<u>≥48" Diameter</u>	Fans must achieve an efficiency level of 19.5 cfm/Watt	\$150/fan
<u>Milk Pre-coolers</u>	==	The equipment must cool milk with well-water before it reaches the bulk cooling tank.	\$0.15/kWh annual energy savings (See Note 3)

<u>Programmable Ventilation Controllers</u>	==	<u>The equipment must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.</u>	<u>\$20/fan controlled</u>
<u>Variable Frequency Drives for Dairy Vacuum Pumps (Retrofit only)</u>	==	<u>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.</u>	<u>\$165/hp</u>

Notes for dairy/farm equipment incentives:

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. Milk Pre-cooler incentives are paid at \$0.15/kWh annual energy savings. 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 and Control Association International, Inc.

ANSI = American National Standards Institute

VFD = Variable-Frequency Drive

Incentives for compressed air

<u>Equipment Category</u>	<u>Replace</u>	<u>With</u>	<u>Limitations</u>	<u>Unit</u>	<u>Customer Incentive</u>
<u>Low-Pressure Drop Filters</u>	<u>Standard coalescing filter</u>	<u>Rated low-pressure drop filter where:</u> 1. <u>Pressure loss at rated flow is ≤1 psi when new and <3 psi at element change</u> 2. <u>Particulate filtration is 100% at ≥3.0 microns and 99.98% at 0.1 to 3.0 microns, with < 5ppm liquid carryover</u> 3. <u>Filter is deep-bed "mist eliminator" style, with element life ≥ 5 years</u> 4. <u>Rated capacity of filter is < 500 scfm</u>	1. <u>Compressor system must be ≥ 25 hp and ≤ 75 hp.</u>	<u>scfm</u>	<u>\$0.80/scfm</u>
<u>Receiver Capacity Addition</u>	<u>Limited or no receiver capacity (≤ 2 gallons per scfm of trim compressor capacity)</u>	<u>Total tank receiver capacity after addition must be ≥ 2 gallons per scfm of trim compressor capacity</u>	1. <u>Compressor system size ≤ 75 hp.</u> 2. <u>Trim compressor must use load/unload controls without inlet modulation or on/off control.</u> 3. <u>Systems with a VFD or using variable displacement control on trim compressor are not eligible.</u>	<u>gal</u>	<u>\$1.50/gallon above 2 gallon/scfm</u>
<u>Refrigerated Cycling Dryers</u>	<u>Non-cycling refrigerated dryer</u>	<u>Cycling refrigerated dryer</u>	1. <u>Compressor system size ≤ 75 hp.</u> 2. <u>Rated dryer capacity must be ≤ 500 scfm.</u> 3. <u>Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode.</u> 4. <u>Refrigeration compressor must cycle off during periods of reduced demand.</u>	<u>scfm</u>	<u>\$1.50/scfm</u>
<u>VFD Controlled Compressor</u>	<u>Compressor 75 hp or smaller</u>	<u>≤ 75 hp single operating VFD-controlled oil-injected screw compressor</u>	1. <u>Single operating compressor ≤ 75 hp.</u> 2. <u>Compressor must adjust speed as primary means of capacity control.</u> 3. <u>Compressor must not use inlet modulation when demand is below minimum speed threshold of the VFD compressor.</u>	<u>hp</u>	<u>\$0.15/kWh annual energy savings (See note 3)</u>
<u>Zero Loss Condensate Drains</u>	<u>Fixed timer drain</u>	<u>Zero loss condensate drain (See note 4)</u>	<u>Drain is designed to function without release of compressed air into the atmosphere (all compressor sizes).</u>	<u>each</u>	<u>\$90 each</u>

<u>Outside Air Intake</u>	<u>Compressor intake drawing air from compressor room</u>	<u>≤ 75 hp compressor where permanent ductwork between compressor air intake and outdoors</u>	<u>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 conditions.</u>	<u>hp</u>	<u>\$6.00/hp</u>
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Notes for compressed air incentives:

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

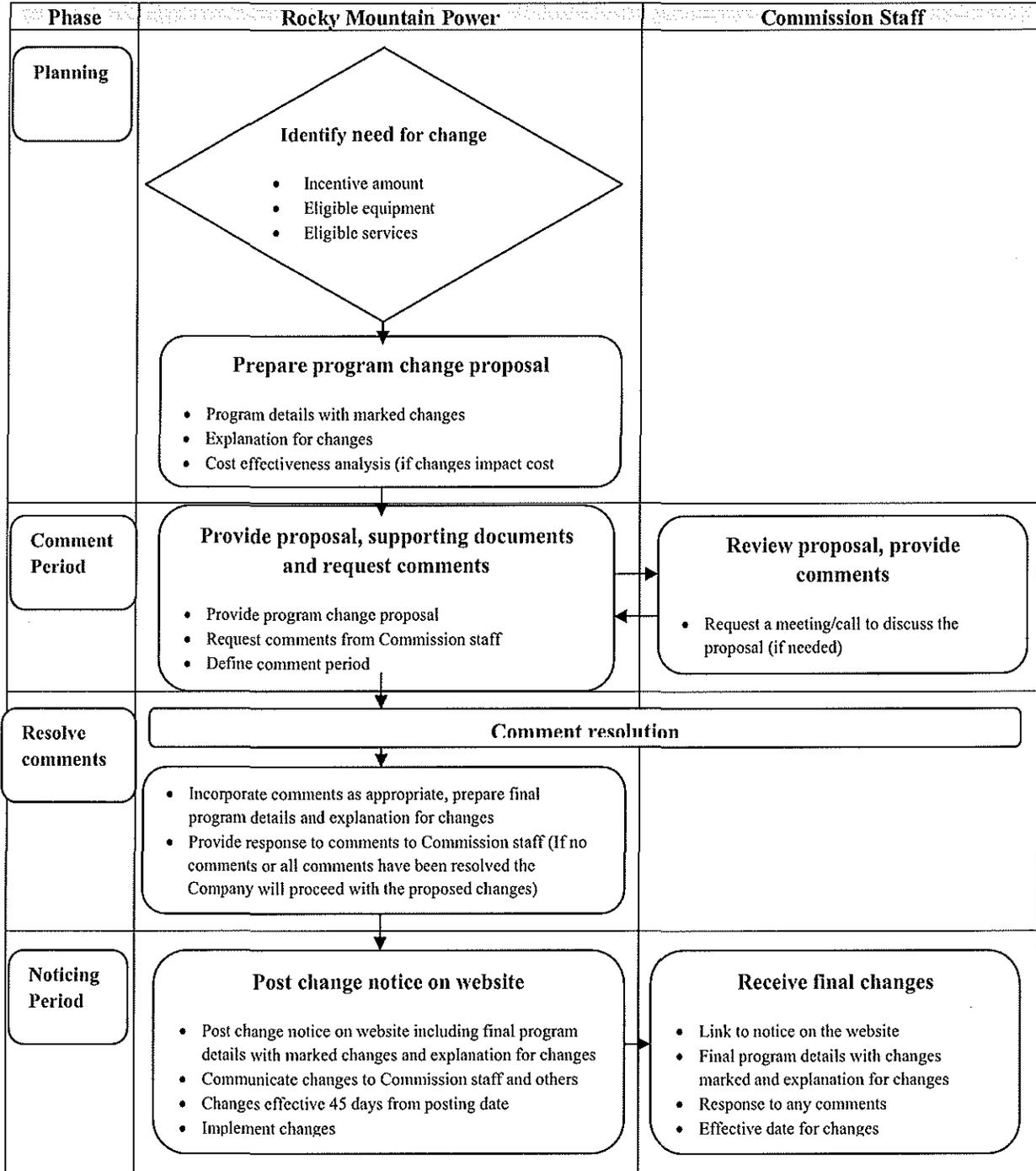
ATTACHMENT C

Attachment C

Rocky Mountain Power Flexible Tariff Format – Change Process - Idaho

This process applies to specific program details managed outside of the program tariff such as:

- Incentive tables
- Program definitions
- General incentive information



PROPOSED TARIFFS

ELECTRIC SERVICE SCHEDULES - Continued

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23	General Service - Small Power	23.1 - 23.3
23A	General Service - Small Power (Residential and Farm)	23A.1 - 23A.4
24	Interruptible Power Service	24.1 - 24.5
34	Pacific Northwest Electric Power Planning and Conservation Act - Residential and Farm Kilowatt-Hour Credit	34.1 - 34.16
35	Optional Time-of-Day General Service – Distribution Voltage	35.1 - 35.3
35A	Optional Time-of-Day General Service – Distribution Voltage (Farm)	35A.1 -35A.4
36	Optional Time of Day Residential Service	36.1 - 36.3
70	Renewable Energy Rider – Optional	70.1 - 70.4
71	Energy Exchange Pilot Program	71.1 - 71.6
72	Irrigation Load Control Credit Rider	72.1 - 72.5
72A	Irrigation Load Control Credit Rider Dispatch Pilot	72A.1 – 72A.4
73	Renewable Energy Rider - Optional - Bulk Purchase Option	73.1 – 73.4
94	Energy Cost Adjustment	94.1
115	FinAnswer Express	115.1 – 115.2
117	Residential Refrigerator Recycling Program	117.1 - 117.2
118	Home Energy Saver Incentive Program	118.1 - 118.2
125	Energy FinAnswer	125.1 – 125.9

(Continued)



ROCKY MOUNTAIN POWER
ELECTRIC SERVICE SCHEDULE NO. 115

STATE OF IDAHO

FinAnswer Express

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. Service under this Schedule is subject to funding availability.

APPLICABLE: To service under the Company's General Service Schedules 6, 6A, 7, 7A, 9, 12, 19, 23, 23A, 24, 35 and 35A in all territory served by the Company in the State of Idaho. This Schedule is applicable to new and existing Commercial Buildings and Industrial Facilities and dairy barns served under the Company's residential rate schedules.

CUSTOMER PARTICIPATION: Customer participation is voluntary and is initiated by following the participation procedures on the Idaho energy efficiency program section of the Company website, and available to customers without online access upon request.

DESCRIPTION: Ongoing program to provide incentives for a variety of equipment and services intended for and located in commercial buildings and industrial facilities. Periodic program changes will be made to insure or enhance program cost-effectiveness as defined by the Company.

QUALIFYING EQUIPMENT OR SERVICES: Equipment or services which when installed or performed in an eligible facility result in verifiable electric energy efficiency improvement compared to existing equipment or baseline equipment as defined by the Company.

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

PROVISIONS OF SERVICE:

- (1) Qualifying equipment or services, incentive amounts and other terms and conditions will be listed on the Idaho energy efficiency program section of the Company website, and are available to customers without online access upon request. Program changes may be made by the Company with at least 45 days advanced notice. Such changes will be prominently displayed on the Idaho energy efficiency program section of the Company website and include a minimum 45 days for processing prior offers.
- (2) 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.
- (3) Incentives may be offered year-round or for selected time periods.
- (4) Equipment or services receiving an incentive under this program are not eligible for incentives under other Company programs.
- (5) Company may offer payment as described in the Idaho energy efficiency program section of the Company website to design team members to encourage early initial Company consultation on Owner/Customer design and plans for New Construction/Major Renovation.
- (6) 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, and confirmation of Owner/Customer and equipment eligibility.
- (7) Company may verify or evaluate the energy savings of installed EEMs. This verification may include a telephone survey, site visit, review of facility operation characteristics, and pre- and post-installation of monitoring equipment 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 Idaho Public Utility Commission, including future applicable amendments, will be considered as forming a part of and incorporated in said Agreement.

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

DEFINITIONS: (Continued)

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 table 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 \$0.08/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.

Energy Efficiency Incentive caps table

	Measures Listed in Incentive Tables				Measures Receiving Custom Incentive
	Lighting		Motors	Mechanical/Envelope/Other	
	Retrofit	NEW/MAJOR			
Percent of Energy Efficiency Project Cost cap	50%	None	None	None	50%
1 year simple payback cap for Energy Efficiency Project	Yes	No	No	No	Yes

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.

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

INCENTIVE FOR ENERGY EFFICIENCY MEASURES: (Continued)

For existing fixtures, the baseline for all fluorescent lighting Energy Efficiency Measures not listed in incentive Table 1 shall be the lesser of existing equipment or the energy efficient magnetic ballast and energy saving lamp combination.

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 only one Energy Efficiency Incentive from the Company per EEM.

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 Idaho 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 Idaho 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 in the Idaho 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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ELECTRICAL 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, and 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 Idaho Public Utility Commission, including future applicable amendments, will be considered as forming a part of and incorporated in said Agreement.~~

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Category	Table 1a - Retrofit Lighting Energy Efficiency Measures		Customer Incentive
	Replace	With	
Fluorescent Fixture Upgrade to Standard T8 Fixtures [Standard T8 lamps and electronic ballasts (EB) with ballast factor (BF) ≤0.88]	4' - 1 or 2 T12 lamp(s) + 1 magnetic ballast (MB)	4' - 1 or 2 T8 lamps + 1 electronic ballast (EB)	\$5
	4' - 3 or 4 T12 lamp(s) + MB(s)	4' - 3 or 4 T8 lamps + EB	\$10
	8' - 1 or 2 T12 lamp(s) + MB(s)	4' - 2,3, or 4 T8 lamps + EB	\$10
	8' - 1,2,3 or 4 T12 lamps + MB(s)	8' - 1,2,3 or 4 T8 lamps + EB	\$10
	8' - 1,2,3 or 4 T12 HO/VHO lamps + MB(s)	8' - 1,2,3, or 4 T8 HO/VHO lamps + EB - see note 5	\$15
Fluorescent Fixture Upgrade to 4' Premium T8 Fixtures [Lamps with initial lumens ≥3100 or wattage ≤30 W; electronic ballasts with BF ≤0.8]	4' - 1 or 2 T12 lamp(s) + MB or Standard T8 lamp(s) + EB	4' - 1 or 2 Premium T8 lamp(s) + EB	\$10
	4' - 3 or 4 T12 lamps + MB(s) or Standard T8 lamps + EB	4' - 3 or 4 Premium T8 lamps + EB	\$15
	8' - 1 or 2 T12 lamp(s) + MB(s)	4' - 2, 3 or 4 Premium T8 lamps + EB	\$20
Fluorescent Delamping and Standard T8 Fixture Upgrade [Standard T8 lamps and electronic ballasts (EB) with BF ≤0.88 - Fixture removal is not eligible]	4' - 2 T12 lamps + MB	4' - 1 Standard T8 lamp + EB	\$10
	4' - 3 T12 lamps + MB(s)	4' - 2 or 1 Standard T8 lamp + EB	\$15
	4' - 4 T12 lamps + MB(s)	4' - 3 Standard T8 lamps + EB	\$15
	4' - 4 T12 lamps + MB(s)	4' - 2 or 1 Standard T8 lamp + EB	\$25
Fluorescent Delamping and Premium T8 Fixture Upgrade [Lamps with initial lumens ≥3100 or wattage ≤30 W; electronic ballasts with BF ≤0.8. Fixture removal is not eligible]	4' - 2 T12 lamps + MB	4' - 1 Premium T8 lamp + EB	\$15
	4' - 3 T12 lamps + MB(s)	4' - 2 or 1 Premium T8 lamp + EB	\$20
	4' - 4 T12 lamps + MB(s)	4' - 3 Premium T8 lamps + EB	\$20
	4' - 4 T12 lamps + MB(s)	4' - 2 or 1 Premium T8 lamp + EB	\$30
T8 Fluorescent Lamp Upgrade	>30 W T8 lamp	≤30 W T8 lamp (see note 4)	\$.50
Compact Fluorescent Lighting (CFL)	Incandescent	<10W (nominal) CFL hardwire fixture	\$10
	Incandescent	≥10W, <20W (nominal) CFL hardwire fixture	\$15
	Incandescent	≥20W (nominal) CFL hardwire fixture	\$20
	Incandescent	>40W two-piece screw-in CFL	\$5
	Incandescent	Single-piece screw in CFL (all wattages)	\$2
T5 Fluorescent Fixture Upgrade	≥250 W MH, MV or HPS	3 T5HO lamps (nominal 4') + EB (High Bay)	\$70
	≥400 W MH, MV, or HPS	4,5 or 6 T5HO lamps (nominal 4') + EB(s) (High Bay)	\$75
	4' - 4 T12 lamps + MB(s)	2 T5 lamps (nominal 4') + EB (interior fixtures)	\$30
	4' - 4 T12 lamps + MB(s)	2 T5HO lamps (nominal 4') + EB (interior fixtures)	\$25

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Category	Table 1a - Retrofit Lighting Energy Efficiency Measures (continued)		Customer Incentive
	Replace	With	
High Intensity Discharges (HID) Upgrades Based on lamp wattages	Incandescent or tungsten	≤ 100W Ceramic Metal Halide	\$25
	≥ 400W MH, MV or HPS	≤ 320W Ceramic Metal Halide	\$100
	≥ 750W MH, MV, or HPS	< 400 W Ceramic Metal Halide	\$120
	> 150W and ≤ 250W MH, MV, or HPS, or > 150W incandescent	≥ 125W and ≤ 175W Pulse Start MH	\$60
	> 250W and ≤ 400W MH, MV, or HPS	≥ 175W and ≤ 320W Pulse Start MH	\$75
	> 400W MH, MV, or HPS	< 400W Pulse Start MH	\$100
	> 1000W MH, MV or HPS	< 750W Pulse Start MH	\$100
	> 250 W & ≤ 750 W MH, MV, or HPS	4'- 4,5, or 6 T8 lamps + EB(s) (High Bay)	\$75
	> 750 W MH, MV or HPS	4'- 8 lamp T8 + EB(s) (High Bay)	\$100
Exit Signs	Incandescent or fluorescent exit signs	Light Emitting Diode (LED) or Electro Luminescent (EL) Exit Sign - 1 or 2 faced	\$15
Lighting Controls	Wall switch or no control	Wall or Ceiling Mounted Occupancy Sensor (per sensor)	\$30
	No control	Integral occupancy sensor	\$25
	No control	PhotoCell (per sensor)	\$20
	No control	Time clock (per control)	\$20
LED Lighting	Indoor incandescent, neon or fluorescent signage	LED channel letter signage ≤ 2' high	\$4/linear foot
		LED channel letter signage > 2' high	\$6/linear foot
	Outdoor incandescent, neon or fluorescent signage	LED channel letter signage ≤ 2' high	\$2/linear foot
		LED channel letter signage > 2' high	\$3/linear foot

Notes for Table 1a:

- 1 Incentives are capped at 50 percent of Energy Efficiency Project Costs and are subject to the one-year payback cap.
- 2 2' U-tube lamps may be substituted for 2' linear fluorescent lamps in the above table.
- 3 For retrofits of existing equipment, lighting incentives will be paid on a one-for-one equipment replacement basis. If fixture counts are changing, the project may be considered under the approach for measures not listed (see page 3).
- 4 Incentives for T8 Fluorescent Lamp Upgrades may not be combined with other fluorescent fixture incentives and will only be paid once per facility.
- 5 T8 HO, MHO and High Bay T-8 electronic ballasts are required to have a BF < 1.2 to be eligible for incentives.
- 6 Lighting equipment listed only in the "Replace" column of Table 1a is not eligible for incentives.
- 7 To determine the length of LED channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
- 8 Incentives for LED traffic light upgrades are not available.

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)
Table 1b - New Construction/Major Renovation Lighting Incentive

Category	Install	Incentive
Premium T8 Fluorescent Fixture Upgrade [Lamps with initial lumens ≥ 3100 or wattage ≤ 30 W; electronic ballasts with $BF \leq 0.8$]	4' - 1 or 2 Premium T8 lamp(s) + EB	\$7
	4' - 3 or 4 Premium T8 lamps + EB	\$10
T5 Fluorescent Fixture Upgrade	2 T5HO lamps (nominal 4') + EB (interior fixtures)	\$20
	3 T5HO lamps (nominal 4') + EB (High Bay)	\$10
	≥ 4 T5HO lamps (nominal 4') + EB(s) (High Bay)	\$5
	1 T5 lamp (nominal 4') + EB (interior fixtures)	\$5
	2 T5 lamps (nominal 4') + EB (interior fixtures)	\$25
	3 T5 lamps (nominal 4') + EB (interior fixtures)	\$30
T8 Fluorescent Fixture Upgrade (High Bay)	4' ≥ 4 T8 lamps + EB(s) (High Bay)	\$45
High Intensity Discharge (HID) Upgrades Based on lamp wattages	≤ 100 W Ceramic Metal Halide	\$20
	> 100 W Ceramic Metal Halide	\$40
	> 500 W Pulse Start MH	\$30
Lighting Controls	Integral occupancy sensor	\$25
LED Lighting	Indoor LED channel letter signage $\leq 2'$ high	\$4/linear foot
	Indoor LED channel letter signage $> 2'$ high	\$6/linear foot
	Outdoor LED channel letter signage $\leq 2'$ high	\$2/linear foot
	Outdoor LED channel letter signage $> 2'$ high	\$3/linear foot

Notes for new construction and major renovation lighting incentives:

- The date of the building permit application shall establish the applicable version of the Idaho energy code.
- The total connected interior lighting power for New Construction/Major Renovation projects required to comply with the energy code must be 10 percent lower than the interior lighting power allowance calculated according to applicable version of the Idaho energy code. For New Construction/Major Renovation projects not required to comply with the energy code, the total connected lighting power must be 10% lower than common practice as determined by the Company.
- Incentives are not available for lighting controls required under the applicable version of the Idaho energy code.
- 2' U-shaped lamps may be substituted for 4' linear fluorescent lamps in the above table.
- Electronic ballasts for High Bay fixtures are required to have a ballast factor ≤ 1.2 to be eligible for incentives.
- To determine the length of LED channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
- Incentives for LED traffic light installations are not available.

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)
Table 2a – NEMA Premium Efficiency Motors

Horsepower	Customer Incentive (\$/motor)	Nominal Full Load Efficiencies (%)					
		1200 RPMs		1800 RPMs		3600 RPMs	
		Open Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)	Open Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)	Open Drip-Proof (ODP)	Totally Enclosed Fan-Cooled (TEFC)
1	\$45	82.5	82.5	85.5	85.5	88.5	77.0
1.5	\$45	86.5	87.5	86.5	86.5	84.0	84.0
2	\$54	87.5	88.5	86.5	86.5	85.5	85.5
3	\$54	88.5	89.5	89.5	89.5	86.5	86.5
5	\$54	89.5	89.5	89.5	89.5	88.5	88.5
7.5	\$81	90.2	91.0	91.0	91.7	88.5	89.5
10	\$90	91.7	91.0	91.7	91.7	89.5	90.2
15	\$104	91.7	91.7	93.0	92.4	90.2	91.0
20	\$113	92.4	92.4	93.0	93.0	91.0	91.0
25	\$117	93.0	93.0	93.6	93.6	91.7	91.7
30	\$135	93.6	93.0	94.1	93.6	91.7	91.7
40	\$162	94.1	94.1	94.1	94.1	92.4	92.4
50	\$198	94.1	94.1	94.5	94.5	93.0	93.0
60	\$234	94.5	94.5	95.0	95.0	93.6	93.6
75	\$270	94.5	94.5	95.0	95.4	93.6	93.6
100	\$360	95.0	95.0	95.4	95.4	93.6	94.1
125	\$540	95.0	95.0	95.4	95.4	94.1	95.0
150	\$630	95.4	95.6	95.8	95.8	94.1	95.0
200	\$630	95.8	95.8	95.8	96.2	95.0	95.4

Notes for Table 2a:

- 1) Motors larger than 200 horsepower are not a listed measure and may be eligible for a custom Energy Efficiency Incentive (see page 3).
- 2) The National Electrical Manufacturers Association (NEMA) Premium efficiency ratings listed are nominal full-load efficiency ratings. Motors that meet or exceed these efficiency requirements may qualify for an incentive.
- 3) Motors that are installed or placed in inventory may qualify for an incentive.
- 4) Incentives are available for qualifying motors purchased prior to the effective date of this Schedule. Incentives are not available for Premium Efficiency Motors purchased on or after the effective date of this Schedule.

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)
Table 2b - Other Motor Incentives Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Electronically Commutated Motor	≤ 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	\$60/horsepower
Green Motor Rewinds	≥ 15 and ≤ 5,000 hp	--	Must meet GMPP Standards	\$1/horsepower Refer to Note 3

Notes for table 2b:

- Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for an incentive.
- 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 code to comply with the applicable version of the Idaho energy code are not eligible for incentives. Savings will only be realized for installations where a variable load is present.
- 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

VFD = Variable Frequency Drive

GMPP = Green Motors Practices Group

HVAC = Heating, Ventilating, and Air Conditioning

Table 2a - HVAC Equipment Incentive Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$50/ton	\$75/ton	\$100/ton
Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode)	< 15,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	--	--
	< 15,000 Btu/hr (three phase)	Split system and single package	--	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 15,000 Btu/hr and < 35,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 35,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 240,000 Btu/hr and < 760,000 Btu/hr	Split system and single package	--	10.5 EER and either 10.9 IPLV or 10.7 IEER	10.8 EER and either 12.0 IPLV or 11.0 IEER

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)
Table 3a - HVAC Equipment Incentive Table (continued)

Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode) (cont.)	≥ 760,000 Btu/hr	Split system and single package	--	9.7 EER and either 11.0 IPLV or 9.9 IEER	10.2 EER and either 11.0 IPLV or 10.4 IEER
Unitary Commercial Air Conditioners, Water and Evaporatively Cooled	< 135,000 Btu/hr	Split system and single package	14.0 EER		
	≥ 135,000 Btu/hr	Split system and single package	14.0 EER	--	
Package Terminal Air Conditioners and Heat Pumps (PTAC/PTHP) (Heating & Cooling Mode)	≤ 8,000 Btu/hr	Single package	11.8 EER and 3.3 COP	--	
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	11.4 EER and 3.2 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	10.0 EER and 3.0 COP	--	
Heat Pumps, Air-Cooled (Cooling Mode)	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	--	
	< 65,000 Btu/hr (three phase)	Split system and single package	--	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 240,000 Btu/hr	Split system and single package	--	10.5 EER and either 10.9 IPLV or 10.7 IEER	10.8 EER and either 12.0 IPLV or 11.0 IEER
Heat Pumps, Air-Cooled (Heating Mode) - See Note	< 65,000 Btu/hr (single phase)	Split system	8.5 HSPF	--	
		Single package	8.0 HSPF	--	
	< 65,000 Btu/hr (three phase)	Split system	--	8.5 HSPF	9.0 HSPF
		Single package	--	8.0 HSPF	8.5 HSPF
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	47°F db/43°F wb outdoor air	--		3.4 COP
		17°F db/15°F wb outdoor air	--		2.4 COP
		47°F db/43°F wb outdoor air	--		3.2 COP
≥ 135,000 Btu/hr	17°F db/15°F wb outdoor air	--		2.1 COP	

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ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

Table 3a - HVAC Equipment Incentive Table (continued)

Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	86°F Entering Water	14.0 EER	--
Heat Pumps, Water-Source (Heating Mode) - See Note 2	< 135,000 Btu/hr	68°F Entering Water	4.6 COP	--

Notes for Table 3a - HVAC equipment incentive table

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for an incentive. Equipment must meet both listed efficiency requirements to qualify for incentives.
2. Incentives for heat pumps are \$50-100 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.
3. 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.

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

Table 3b - Mechanical and Other Energy Efficiency Measures

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling		Direct or Indirect	Industry Standard Rating (ISR) CFM	\$0.02/ISR CFM
Chillers	All except chillers intended for backup service only	Served primarily occupant comfort cooling loads (no more than 20% for process cooling loads)	Must exceed minimum efficiencies required energy code.	\$0.12/kWh annual energy savings + \$50/kW See note 2
Occupancy Based PTHP/PTAC control	All sizes with no prior occupancy based control		See note 3	\$50/controller

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)
Table 3b – Mechanical and Other Energy Efficiency Measures (continued)

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Vertical Solid Door Refrigerator	$0 < V < 15$		ENERGY STAR ®	\$100
	$15 \leq V < 30$		ENERGY STAR ®	\$125
	$30 \leq V < 50$		ENERGY STAR ®	\$150
	$50 \leq V$		ENERGY STAR ®	\$175
Vertical Solid Door Freezer	$0 < V < 15$		ENERGY STAR ®	\$125
	$15 \leq V < 30$		ENERGY STAR ®	\$150
	$30 \leq V < 50$		ENERGY STAR ®	\$175
	$50 \leq V$		ENERGY STAR ®	\$200
Cool Roof	Roofing over spaces with mechanical cooling		ENERGY STAR Reflective Roof Products label	\$0.10/square foot
Plug Load Occupancy Sensor				\$15/qualifying unit
Beverage or refrigerated display machine occupancy sensor	No occupancy sensor control	Beverage vending or refrigerated display machine occupancy sensor	See Note 4	\$75/sensor

Notes for Table 3b:

- 1) Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for an incentive.
- 2) Chiller energy and demand savings subject to approval by the Company.
- 3) Controller units must include an occupancy sensor and include the capability to setback the zone temperature during extended unoccupied periods and setup the temperature once the zone is occupied.
- 4) Intended for refrigerated vending machines and display cases containing only non-perishable bottled and canned beverages. Refurbished equipment that includes occupancy control is eligible.

PTHP = Package Terminal Heat Pump

HVAC = Heating, Ventilating and Air Conditioning

PTAC = Package Terminal Air Conditioner

V = Association of Home Appliance Manufacturers (AHAM) volume in cubic feet

Table 4 – Building Envelope Energy Efficiency Measures

Description	Minimum Efficiency Requirement(s)	Customer Incentive
Wall insulation	Add R5	\$0.07/square foot
Roof insulation	Add R10	\$0.09/square foot
Window	U factor 0.35 and SHGC of .40	\$0.35/square foot

ELECTRIC SERVICE SCHEDULES - Continued

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23	General Service - Small Power	23.1 - 23.3
23A	General Service - Small Power (Residential and Farm)	23A.1 - 23A.4
24	Interruptible Power Service	24.1 - 24.5
34	Pacific Northwest Electric Power Planning and Conservation Act - Residential and Farm Kilowatt-Hour Credit	34.1 - 34.16
35	Optional Time-of-Day General Service – Distribution Voltage	35.1 - 35.3
35A	Optional Time-of-Day General Service – Distribution Voltage (Farm)	35A.1 - 35A.4
36	Optional Time of Day Residential Service	36.1 - 36.3
70	Renewable Energy Rider – Optional	70.1 - 70.4
71	Energy Exchange Pilot Program	71.1 - 71.6
72	Irrigation Load Control Credit Rider	72.1 - 72.5
72A	Irrigation Load Control Credit Rider Dispatch Pilot	72A.1 – 72A.4
73	Renewable Energy Rider - Optional - Bulk Purchase Option	73.1 – 73.4
94	Energy Cost Adjustment	94.1
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117	Residential Refrigerator Recycling Program	117.1 - 117.2
118	Home Energy Saver Incentive Program	118.1 - 118.2
125	Energy FinAnswer	125.1 – 125.9

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ROCKY MOUNTAIN POWER
ELECTRIC SERVICE SCHEDULE NO. 115

STATE OF IDAHO

FinAnswer Express

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. Service under this Schedule is subject to funding availability.

APPLICABLE: To service under the Company's General Service Schedules 6, 6A, 7, 7A, 9, 12, 19, 23, 23A, 24, 35 and 35A in all territory served by the Company in the State of Idaho. This Schedule is applicable to new and existing Commercial Buildings and Industrial Facilities and dairy barns served under the Company's residential rate schedules.

CUSTOMER PARTICIPATION: Customer participation is voluntary and is initiated by following the participation procedures on the Idaho energy efficiency program section of the Company website, and available to customers without online access upon request.

DESCRIPTION: Ongoing program to provide incentives for a variety of equipment and services intended for and located in commercial buildings and industrial facilities. Periodic program changes will be made to insure or enhance program cost-effectiveness as defined by the Company.

QUALIFYING EQUIPMENT OR SERVICES: Equipment or services which when installed or performed in an eligible facility result in verifiable electric energy efficiency improvement compared to existing equipment or baseline equipment as defined by the Company.

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 by the Company which does not meet the definition of an Industrial Facility.

Submitted Under Advice Case Letter No. 10-03PAC-E-12-09

ISSUED: ~~December 16, 2010~~ May 15, 2012
2011 July 14, 2012

EFFECTIVE: ~~January 15,~~

~~**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.~~

~~**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 Energy Efficiency Measures pursuant to this Tariff Schedule.~~

(Continued)

ELECTRICAL SERVICE SCHEDULE NO. 115 (Continued)

DEFINITIONS: (Continued)

~~**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 (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.~~

~~**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.~~

Submitted Under ~~Case~~ Case No. PAC-E-08-04/PAC-E-12-09

ISSUED: ~~February 14, 2008~~ May 15, 2012
14, 2012

EFFECTIVE: ~~May 1, 2008~~ July

PROVISIONS OF SERVICE:

- (1) Qualifying equipment or services, incentive amounts and other terms and conditions will be listed on the Idaho energy efficiency program section of the Company website, and are available to customers without online access upon request. Program changes may be made by the Company with at least 45 days advanced notice. Such changes will be prominently displayed on the Idaho energy efficiency program section of the Company website and include a minimum 45 days for processing prior offers.
- (2) 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.
- (3) Incentives may be offered year-round or for selected time periods.
- (4) Equipment or services receiving an incentive under this program are not eligible for incentives under other Company programs.
- (5) Company may offer payment as described in the Idaho energy efficiency program section of the Company website to design team members to encourage early initial Company consultation on Owner/Customer design and plans for New Construction/Major Renovation.
- (6) 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, and confirmation of Owner/Customer and equipment eligibility.
- (7) Company may verify or evaluate the energy savings of installed EEMs. This verification may include a telephone survey, site visit, review of facility operation characteristics, and pre- and post-installation of monitoring equipment 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 Idaho Public Utility Commission, including future applicable amendments, will be considered as forming a part of and incorporated in said Agreement.
-(Continued)

Submitted Under ~~Case-Case~~No. PAC-E-08-04/PAC-E-12-09

ISSUED: ~~February 14, 2008~~ May 15, 2012
14, 2012

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