



I.P.U.C. No. 1

Second Revision of Sheet No. 115.1  
Canceling First Revision of Sheet No. 115.1

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**ROCKY MOUNTAIN POWER**

**ELECTRIC SERVICE SCHEDULE NO. 115**

**STATE OF IDAHO**

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**FinAnswer Express**

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**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.

**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.

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Submitted Under Advice Letter No. 10-03

**ISSUED:** December 16, 2010

**EFFECTIVE:** January 15, 2011

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**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.

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**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 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 \$0.08/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                            | 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                                 |

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.

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**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) $\leq 0.88$ ]  | 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 $\geq 3100$ or wattage $\leq 30$ W; electronic ballasts with BF $\leq 0.8$ ]                                 | 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 $\leq 0.88$ - 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 $\geq 3100$ or wattage $\leq 30$ W; electronic ballasts with BF $\leq 0.8$ . 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   | $\geq 32$ W T8 lamp                                      | $\leq 30$ W T8 lamp (see note 4)                       | \$50               |
| Compact Fluorescent Lighting (CFL)  | Incandescent   | $< 10$ W (nominal) CFL hardwire fixture                | \$10               |
|   | Incandescent   | $\geq 10$ W, $< 20$ W (nominal) CFL hardwire fixture   | \$15               |
|   | Incandescent   | $\geq 20$ 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  | $\geq 250$ W MH, MV or HPS                               | 3 T5HO lamps (nominal 4') + EB (High Bay)              | \$70               |
|   | $\geq 400$ 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<br>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<br>≥ 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 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  $BF \leq 1.2$  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 $\geq$ 3100 or wattage $\leq$ 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)           | \$40            |
|   | $\geq$ 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            |
| T8 Fluorescent Fixture Upgrade (High Bay)   | 4' $\geq$ 4 T8 lamps + EB(s) (High Bay)             | \$45            |
| High Intensity Discharge (HID) Upgrades Based on lamp wattages  | $\leq$ 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 $\leq$ 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:

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  $\leq$  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        | \$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                               | 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         | \$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                               | 95.8                               | 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 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                     | \$65/horsepower                |
| Green Motor Rewinds                             | ≥ 15 and ≤ 5,000 hp | --                        | Must meet GMPG Standards       | \$1/horsepower Refer to Note 3 |

**Notes for table 2b:**

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for an 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 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  
**GMPG** = Green Motors Practices Group  
**HVAC** = Heating, Ventilating, and Air Conditioning

**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 or 10.7 IEER | 10.8 EER and either 12.0 IPLV or 11.0 IEER |  |
| 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                                    |  |  |
|   |                                       | 17°F db/15°F wb outdoor air     | --                     | 2.4 COP                                    |  |  |
|   | ≥ 135,000 Btu/hr                      | 47°F db/43°F wb outdoor air     | --                     | 3.2 COP                                    |  |  |
|   |                                       | 17°F db/15°F wb outdoor air     | --                     | 2.1 COP                                    |  |  |

(Continued)

**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               | All  | 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<br>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 |