CONNIE ASCHENBRENNER
Rate Design Senior Manager
caschenbrenner@idahopower.com

July 24, 2023

VIA ELECTRONIC FILING

puc.FilingCenter@puc.oregon.gov

Re: Oregon Tariff Advice No. 23-06
Schedule 89 – Commercial and Industrial Energy Efficiency

Attention Filing Center:

Pursuant to ORS 757.054 and 757.205, Idaho Power Company ("Idaho Power" or "Company") transmits for filing to the Public Utility Commission of Oregon ("Commission") the following proposed modifications to Schedule 89, Commercial and Industrial Energy Efficiency ("Schedule 89"), to become effective September 5, 2023:

Third Revised Sheet No. 89-1	Cancelling	Second Revised Sheet 89-1
Fourth Revised Sheet No. 89-2	Cancelling	Third Revised Sheet 89-2
Fifth Revised Sheet No. 89-4	Cancelling	Fourth Revised Sheet 89-4
Fourth Revised Sheet No. 89-5	Cancelling	Third Revised Sheet 89-5
Fourth Revised Sheet No. 89-10	Cancelling	Third Revised Sheet 89-10
Fifth Revised Sheet No. 89-12	Cancelling	Fourth Revised Sheet 89-12

In its filing, the Company is proposing changes to the prescriptive Retrofit measures and the prescriptive New Construction measures through either measure additions, removals, or modifications. All proposed measures pass the Total Resource Cost ("TRC") cost-effectiveness test. Idaho Power also proposes one housekeeping item be updated in Schedule 89.

SCHEDULE 89

The Commercial and Industrial Energy Efficiency program ("C&I Program") is an incentive-based program designed to help reduce the costs of installing energy efficiency features in existing and new commercial and industrial buildings. The C&I Program provides incentives for a variety of prescriptive lighting and non-lighting measures, as well as a custom path for projects which fall outside the prescriptive offerings. During 2022, Idaho Power claimed 106,683,366 kilowatt-hours ("kWh") of annual savings for the program on a system-wide basis, and 1,578,871 kWh of annual savings in its Oregon jurisdiction specifically.

It is the Company's goal to offer a robust cost-effective C&I Program that encourages participation and wise energy use. The ever-changing nature of market conditions, assumptions, and parameters that determine cost-effectiveness, and therefore prudent spending of customer funds, requires continuous evaluation so that the C&I Program can effectively serve its target customers. As such, the C&I Program must routinely be updated to incorporate changes and

P.O. Box 70 (83707)
1221 W. Idaho St.
Boise, ID 83702

feedback from program participants, contractors, and suppliers that will help drive customer participation while maintaining a cost-effective program. As described in more detail below, the main drivers for the Company's proposed updates are to increase program participation by increasing incentives and adding measures, streamlining measure offerings, and incorporating changes from the Regional Technical Forum ("RTF").

Idaho Power has provided a redline copy of the existing tariff to assist the Commission and Commission Staff in its review. Further, the Company has articulated each proposed change along with the associated rationale by table.

Prescriptive Retrofits Measures

Idaho Power proposes the following prescriptive Retrofits measure changes listed by table, change type, and the reason for the proposed change.

Schedule 89 Table 1: RETROFIT – LIGHTING AND LIGHTING CONTROLS

- **Add** LED Level 1 retrofit kit with luminaire level lighting controls ("LLLC") at $0.23 per kWh saved. The Company proposes to establish LLLC as its own offering as the measure is currently grouped with the networked lighting control measure. This will tie-in with the LLLC educational opportunities provided to trade allies and large customers.
- **Add** LED fixture or Level 2 retrofit kit with luminaire level lighting controls at $0.31 per kWh saved. The Company proposes to establish LLLC as its own offering and as the measure is currently grouped with the networked lighting control measure. This will tie-in with the LLLC educational opportunities provided to trade allies and large customers.
- **Remove** screw-in LEDs. As of July 1, 2023, bulbs are required to meet the 45 lumen per watt standard set forth by the Energy Independence and Security Act.
- **Remove** fixture mount occupancy sensor – interior due to no longer passing the TRC cost-effectiveness test based on the 2021 avoided costs, and the Company does not anticipate the forward-looking avoided costs to improve the measure's cost-effectiveness.
- **Modify** the incentive structure from a dual incentive (one incentive for exterior applications and one incentive for interior applications) to a single incentive structure (the same incentive for both exterior and interior applications). The purpose of the proposed update to the incentive structure, along with some incentive adjustments, is to streamline the Retrofits offering and increase program participation. Generally, the exterior incentive will assume the existing interior incentive amount, with some exceptions as detailed below. The following list outlines the proposed single incentive structure, the incentive amounts, and whether the incentive has changed from the existing interior incentive:
    - Permanent fixture removal as part of overall lighting retrofit project replacing 50-299 input watts with an incentive of $20.00 per unit.
    - Permanent fixture removal as part of overall lighting retrofit project replacing 300 or greater input watts with an incentive of $30.00 per unit.
    - Pin-base LED with an incentive of $0.12 per watt reduced.
    - HID LED screw-in replacement lamp with an incentive of $0.26 per watt reduced.
    - Linear LED tube (Types A, B, DM) with an incentive of $1.50 per foot. The proposed incentive is an increase from $1.00 per foot.
    - Linear LED tube (Type C) with an incentive of $0.10 per kWh reduced.

- LED Level 1 retrofit kit with an incentive of $0.14 per kWh reduced. The proposed incentive is an increase from $0.12 per kWh reduced.
- LED Level 1 retrofit kit with single control strategy with an incentive of $0.17 per kWh reduced. The proposed incentive is an increase from $0.14 per kWh reduced.
- LED Level 1 retrofit kit with multiple control strategies with and incentive of $0.19 per kWh reduced. The proposed incentive is an increase from $0.16 per kWh reduced.
- LED Level 1 retrofit kit with networked controls with an incentive of $0.21 per kWh reduced. The proposed incentive is an increase from $0.18 per kWh reduced.
- LED fixture or LED Level 2 retrofit kit with and incentive of $0.22 per kWh reduced. The proposed incentive is an increase from $0.19 per kWh reduced.
- LED fixture or LED Level 2 retrofit kit with single control strategy with an incentive of $0.25 per kWh reduced. The proposed incentive is an increase from $0.21 per kWh reduced.
- LED fixture or LED Level 2 retrofit kit with multiple control strategies with an incentive of $0.27 per kWh reduced. The proposed incentive is an increase from $0.24 per kWh reduced.
- LED fixture or LED Level 2 retrofit kit with networked controls with an incentive of $0.29 per kWh reduced. The proposed incentive is an increase from $0.26 per kWh reduced.
- LED exit sign or equivalent (<5 watts) with an incentive of $40.00 per unit.
- LED sign lighting retrofit with an incentive of $0.20 per kWh reduced. The proposed incentive is an increase from $0.18 per kWh.
- Fixture mount occupancy sensor - exterior with an incentive of $25.00 per unit. The proposed incentive is an increase from $15.00.
- Multiple control strategies on existing exterior LED with an incentive of $35.00 per unit. The proposed incentive is an increase from $25.00 per unit.

Schedule 89 Table 4: RETROFIT – OTHER EQUIPMENT

- **Add** indoor/outdoor pool cover for electrically heated pool with an incentive of $2.00 per SQFT. This is a new measure and offers customers an additional way to participate in the program.

Schedule 89 Table 5: RETROFIT – FOOD SERVICE EQUIPMENT

- **Add** refrigerated case doors – med temp with an incentive of $130.00 per linear foot. This measure has been part of the Custom Projects option, and the Company has gathered sufficient data on measure savings and cost to now offer as a prescriptive measure.
- **Remove** the ENERGY STAR hot food holding cabinet category (both half size and full size equipment) due to no longer passing the TRC cost-effectiveness test. Updated RTF data resulted in an increased measure cost and reduced savings.
- **Remove** ENERGY STAR electric combination oven 16-20 pans. Updated RTF data adjusts the pan size bins and costs. The 16-20 pans size will be incorporated to the ENERGY STAR electric combination oven 5-15 pans size with updated parameters.

- **Modify** ENERGY STAR electric combination oven 5-15 pans to 5-40 pans with an incentive of $800.

Prescriptive New Construction Measures

Idaho Power proposes the following prescriptive New Construction measure changes listed by table, type, and the reason for the proposed change.

Schedule 89 Table 13: EQUIPMENT FOR NEW CONSTRUCTION, EXPANSION, OR MAJOR RENOVATIONS

- **Add** Indoor Pool Covers for electrically heated pools with an incentive of $2.00 per SQFT. This is a new measure and offers customers an additional way to participate in the program.

Housekeeping Item

On November 14, 2022, Idaho Power filed Tariff Advice No. 22-06 to change the end date of the Small Business Direct Install ("SBDI") offering from the end of December 2022 to the end of March 2023 due to delays caused by the COVID-19 pandemic. The Commission approved Advice No. 22-06 on December 27, 2022. As of the time of this filing, the offering's availability has ended. Therefore, the Company proposes to remove SBDI from Schedule 89.

CONCLUSION

Idaho Power proposes modifications to Schedule 89 to add, remove, or modify Retrofit and New Construction prescriptive measures. The Company respectfully requests that the proposed changes to Schedules 89 become effective September 5, 2023. If you have any questions regarding this filing, please contact Regulatory Analyst Zack Thompson at (208) 388-2982 or zthompson@idahopower.com.

Sincerely,

Connie Aschenbrenner

CA:sg
Attachments

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY

AVAILABILITY

Service under this schedule is available to commercial and industrial Customers as well as other customer classes where there may be commercial and industrial facilities throughout the Company's service area within the State of Oregon receiving active service.

APPLICABILITY

This schedule is applicable to electric energy efficiency retrofit and new construction projects typical of commercial or industrial applications that meet the requirements of the Commercial and Industrial Energy Efficiency program.

DESCRIPTION

The Commercial and Industrial Energy Efficiency program is an incentive-based program designed to help reduce the costs of installing energy efficiency features in existing and new commercial and industrial buildings. The Program provides incentives for a variety of prescriptive lighting and non-lighting measures, as well as a custom path for projects which fall outside the prescriptive offerings.

INCENTIVE STRUCTURE

Installed measures must meet the requirements of the Commercial and Industrial Energy Efficiency program as detailed in this Schedule, and must also comply with the current Program terms and conditions posted to the Program website at www.idahopower.com/business. Incentives will not be paid for measures required by Oregon code. Incentive payments will not exceed 100% of the installed cost.

PRESCRIPTIVE RETROFIT INCENTIVES

TABLE 1: RETROFIT - LIGHTING AND LIGHTING CONTROLS

Equipment Category	Installing	Replacing	Incentive Per Unit	
Permanent Fixture Removal *(Only applicable as standard measures)*	Permanent fixture removal as part of overall lighting retrofit project	Hardwired fixture using 50-299 input watts	$20.00	(D) (D)
	Permanent fixture removal as part of overall lighting retrofit project	Hardwired fixture ≥ 300 input watts	$30.00	(D)
Light Emitting Diodes (LEDs) *(Must be on DLC or ENERGY STAR® Qualified Commercial LED List)*	Pin-base LED	Pin-base lamp using higher wattage	$0.12/watt reduced	(D)
	HID LED screw-in replacement lamp	Existing HID lamp using > input watts	$0.26/watt reduced	(D)
	Linear LED tube (Types A, B, and DM)	Fixture using higher wattage	$1.50//ft	(D)(I)
	Linear LED tube (Type C)	Fixture using higher wattage	$0. 10/kWh reduced	(D)
	LED Level 1 retrofit kit	Fixture using higher wattage	$0.14/kWh reduced	(D) (I)
	LED Level 1 retrofit kit with single control strategy	Fixture using higher wattage	$0.17/kWh reduced	(D)(I)

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 1: RETROFIT - LIGHTING AND LIGHTING CONTROLS (Continued)

Equipment Category	Installing	Replacing	Incentive Per Unit	
Light Emitting Diodes (LEDs) (Must be on DLC or ENERGY STAR® *Qualified Commercial LED List*)	LED Level 1 retrofit kit with multiple control strategies	Fixture using higher wattage	$0.19/kWh reduced	(D)(I)
	LED Level 1 retrofit kit with networked controls	Fixture using higher wattage	$0.21/kWh reduced	(D)(I)
	LED Level 1 retrofit kit with luminaire level lighting controls	Fixture using higher wattage	$0.23/kWh reduced	(N)
	LED fixture or LED Level 2 retrofit kit	Fixture using higher wattage	$0.22/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with single control strategy	Fixture using higher wattage	$0.25/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with multiple control strategies	Fixture using higher wattage	$0.27/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with networked controls	Fixture using higher wattage	$0.29/kWh reduced	(D)(I)
	LED fixture or LED level 2 retrofit kit with luminaire level lighting controls	Fixture using higher wattage	$0.31/kWh reduced	(N)
LED Sign Lighting	LED exit sign or equivalent (<5 watts) LED sign lighting retrofit	Exit sign using ≥18 watts Existing using > input watts	$40.00 $0.20/kWh	(D) (D)(I)
Lighting Controls	Fixture mount occupancy sensor – exterior	Manual or no prior control, ≥75 input watts	$25.00	(D) (D)(I)
	Multiple control strategies on existing LED - exterior	Manual or no prior control, ≥75 input watts	$35.00/n/a	(D)(I)

Table 1 Note:
"Non-standard" incentives are available for cost-effective lighting measures not listed on Table 1. Non-standard interior lighting incentives will be calculated at $0.10 per first year annual kilowatt-hour saved up to 70% of measure cost and exterior lighting incentives will be calculated at $0.08 per first year annual kilowatt-hour saved up to 70% of measure cost.

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 4: RETROFIT - OTHER EQUIPMENT

Equipment category	Installing	Replacing	Incentive Per Unit
Laundry Machines	High efficiency washer	Standard washer paired with electric dryer	$200.00/unit
Motor Belts	Type AX notched V-belt Type BX notched V-belt	Type A solid V-belt Type B solid V-belt	$5.00/hp* $5.00/hp* *Incentive capped at $50/motor
Engine Block Heater and controls	Wall-mounted engine block heater control Engine-mounted engine block heater control High efficiency battery charger	Standard engine block heater without controls Standard engine block heater without controls Traditional battery charger	$100.00/unit $150.00/unit $200.00/unit
High Volume Low Speed Fan	High volume low speed fan	Standard high speed fan	$2,000.00/fan
Compressed Air	VFD on air compressor Low pressure drop filter No-loss condensate drain Efficient compressed air nozzle	No existing VFD Standard filter Open tube with ball valve Standard air nozzle	$200.00/hp $10.00/hp $200.00/unit $80.00/unit
Pool Covers	Indoor/outdoor pool cover on electrically heated pool	No existing pool cover	$2.00/SQFT (N)

TABLE 5: RETROFIT - FOOD SERVICE EQUIPMENT

Equipment category	Installing	Replacing	Incentive Per Unit
Refrigeration	Install auto-closer – walk-in	No/damaged auto-closer, low temp.	$400.00/door
	Freezer to dock automatic high speed door	Manual or electric warehouse door	$100.00/SQFT door opening
	Freezer to refrigerator automatic high speed door	Manual or electric warehouse door	$50.00/SQFT door opening
	Refrigerator to dock automatic high speed door	Manual or electric warehouse door	$25.00/SQFT door opening
	Freezer strip curtain	No protective barrier	$5.00/SQFT door opening
	Refrigerated strip curtain	No protective barrier	$5.00/SQFT door opening
	Refrigerated case doors – med temp	No existing case door or protective barrier	$130/linear foot door opening (N)

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 5: RETROFIT - FOOD SERVICE EQUIPMENT (Continued)

Equipment category	Installing	Replacing	Incentive Per Unit	
Demand Controlled Kitchen Ventilation Exhaust Hood	VFD installed on kitchen exhaust and/or makeup air fan	Kitchen hood with constant speed ventilation motor	$250.00/hp	
Commercial Kitchen Equipment	ENERGY STAR® v3.0 commercial ice machine >= 200 lbs/day	Standard commercial ice machine >= 200 lbs/day	$300.00/unit	(D)
	On-Demand Overwrapper	Standard overwrapper	$100.00/unit	
	ENERGY STAR® listed electric combination oven (5-40 pans)	Standard electric oven	$800.00/unit	(C)
	ENERGY STAR® listed electric steamer	Standard steamer	$30.00/pan	(D)

TABLE 6: RETROFIT - VARIABLE SPEED/FREQUENCY DRIVES

Equipment category	Installing	Replacing	Incentive Per Unit
Variable Speed Controls	Variable speed drive on HVAC system applications: - Chilled water pumps - Condenser water pumps - Cooling tower fans - Supply - Return - Outside air - Make-up air - Hot water pumps	Single speed HVAC system fan/pump	$125.00/hp
	Variable speed drive on potato and onion storage shed ventilation	No existing VSD	$250.00/hp
	VFD on milking vacuum pump VFD on dairy milk transfer pump	No existing VSD No existing VSD	$250.00/hp $1,500.00/VFD

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE NEW CONSTRUCTION INCENTIVES (Continued)

TABLE 13: EQUIPMENT FOR NEW CONSTRUCTION, EXPANSION, OR MAJOR RENOVATIONS (Continued)

Measure Type	Incentive	Eligibility Requirements
Engine Block Heater Controls	Wall Mounted: $100.00 per unit	Controls that provide a 2-hour delay from first plugged in and will turn on only when outside air drops below a certain threshold.
	Engine Mounted: $150.00 per unit	Control that cycles the heater on based on engine temperature.
Dairy/Milk Transfer Pump VFD	VFD: $1,500.00 per unit	Installing a VFD on the pump that slows down the motor during normal operation and then speeds up when necessary.
Circulation Generator Block Heaters	<= 200 kW: $200.00 201-500 kW: $350.00 501-1,000 kW: $500.00	Stationary pump-driven circulating block heater.
Ice Machine	$300.00 per unit	Commercial ENERGY STAR® Ice Machine with a capacity >= 200 lbs per day.
High Efficiency Battery Chargers	$200.00 per unit	High Efficiency electric battery charger for forklifts and industrial materials handling vehicles.
Indoor Pool Cover	$2.00 per sq ft	Indoor Pool Cover on electrically heated pool

(N)

Note: A Professional Assistance Incentive will be provided to a third-party architect or engineer that submits the application and provides the supporting documentation that is required to complete the application and incentive process. The professional is eligible for an incentive equal to 20% of the participant's total incentive to a maximum amount of $5,000.

CUSTOM INCENTIVES

QUALIFICATIONS

Project viability will be determined through a collaborative process involving the Company, a participating Customer, and if necessary, a qualified third party or the Customer's licensed Professional Engineer. Potential projects will be evaluated for program eligibility based upon the following criteria:

1. The technology must be generally accepted cost-effective energy efficiency technology. This determination will be at the Company's sole discretion.

2. Projects must exceed the current established building code requirements or standard practice for the applicable industry as determined by the Company.

3. If there is no corresponding prescriptive measure available, then the project may be submitted for review by the Company and, if cost-effective, the project may be eligible for a financial incentive.

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

ENERGY MANAGEMENT (Continued)

DEFINITIONS

Strategic Energy Management (SEM) is a system of organizational practices, policies, and processes that creates persistent energy savings by integrating energy management into business practices by focusing on changes in daily operations that engage staff at all levels of an organization in energy efficiency activities.

Tune-up/system optimization/retro-commission is a focused short-term project to improve the energy usage of an existing specific process, equipment, or system, typically evaluated, documented, addressed, and implemented within a few weeks.

GREEN MOTORS INITIATIVE

The Green Motors Initiative employs industry best practices when rewinding motors (Green Rewind). The certified rewind process ensures that the motor maintains its original efficiency when the rewind is complete. Motors between 15 and 5,000 horsepower are eligible. Idaho Power pays participating service centers $2.00 per horsepower for each motor that received a verified Green Rewind. Each motor receiving Green Rewind is verified by a non-profit trade organization, Green Motors Practice Group. Motors must be rewound in a certified participating service center that has the equipment and training to perform Green Rewind. For a current list of motor service centers offering Green Rewind please see https://www.greenmotors.org/motor-service-centershttp://greenmotors.org/practicing.htm. Some motors may not be able to qualify as a green rewind due to extenuating circumstances, such as a damaged stator or rotor. (D)

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY

AVAILABILITY

Service under this schedule is available to commercial and industrial Customers as well as other customer classes where there may be commercial and industrial facilities throughout the Company's service area within the State of Oregon receiving active service.

APPLICABILITY

This schedule is applicable to electric energy efficiency retrofit and new construction projects typical of commercial or industrial applications that meet the requirements of the Commercial and Industrial Energy Efficiency program.

DESCRIPTION

The Commercial and Industrial Energy Efficiency program is an incentive-based program designed to help reduce the costs of installing energy efficiency features in existing and new commercial and industrial buildings. The Program provides incentives for a variety of prescriptive lighting and non-lighting measures, as well as a custom path for projects which fall outside the prescriptive offerings.

INCENTIVE STRUCTURE

Installed measures must meet the requirements of the Commercial and Industrial Energy Efficiency program as detailed in this Schedule, and must also comply with the current Program terms and conditions posted to the Program website at www.idahopower.com/business. Incentives will not be paid for measures required by Oregon code. Incentive payments will not exceed 100% of the installed cost.

PRESCRIPTIVE RETROFIT INCENTIVES

TABLE 1: RETROFIT - LIGHTING AND LIGHTING CONTROLS

Equipment Category	Installing	Replacing	Incentive Per Unit ~~Exterior/Interior~~	
				(D)
Permanent Fixture Removal *(Only applicable as standard measures)*	Permanent fixture removal as part of overall lighting retrofit project	Hardwired fixture using 50-299 input watts	$~~15.00/~~20.00	(D)
	Permanent fixture removal as part of overall lighting retrofit project	Hardwired fixture ≥ 300 input watts	$~~25.00/~~30.00	(D)
Light Emitting Diodes (LEDs) *(Must be on DLC or ENERGY STAR® Qualified Commercial LED List)*	~~Screw-in or p~~Pin-base LED	~~Screw-in or p~~Pin-base lamp using higher wattage	$0.~~08/0.~~12/watt reduced	(D)
	HID LED screw-in replacement lamp	Existing HID lamp using > input watts	$~~0.24/~~0.26/watt reduced	(D)
	Linear LED tube (Types A, B, and DM)	Fixture using higher wattage	$1.~~05~~0/~~1.00~~/ft	(D)(I)
	Linear LED tube (Type C)	Fixture using higher wattage	$0.~~04/0.~~10/kWh reduced	(D)
	LED Level 1 retrofit kit	Fixture using higher wattage		(D) (I)
	LED Level 1 retrofit kit with single control strategy	Fixture using higher wattage	$~~0.08/~~0.1~~42~~/kWh reduced	(D)(I)

			$~~0.12/~~0.1~~7~~4~~/~~kWh reduced

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 1: RETROFIT - LIGHTING AND LIGHTING CONTROLS (Continued)

Equipment Category	Installing	Replacing	Incentive Per Unit ~~Exterior/Interior~~	
Light Emitting Diodes (LEDs) (Must be on DLC or ENERGY STAR® *Qualified Commercial LED List*)	LED Level 1 retrofit kit with multiple control strategies	Fixture using higher wattage	$0.~~14/0.~~196/kWh reduced	(D)(~~N~~I)
	LED Level 1 retrofit kit with networked controls	Fixture using higher wattage	$0.~~16/0.18~~21/kWh reduced	(D)(~~N~~I)
	LED Level 1 retrofit kit with luminaire level lighting controls	Fixture using higher wattage	$0.23/kWh reduced	(~~I~~N)(~~M~~)
	LED fixture or LED Level 2 retrofit kit	Fixture using higher wattage	$0.~~14/0.19~~22/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with single control strategy	Fixture using higher wattage	$0.~~16/0.21~~25/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with multiple control strategies	Fixture using higher wattage	$0.~~18/0.24~~27/kWh reduced	(D)(I)
	LED fixture or LED Level 2 retrofit kit with networked controls	Fixture using higher wattage	$0.~~20/0.26~~29/kWh reduced	(D)(I)
	LED fixture or LED level 2 retrofit kit with luminaire level lighting controls		$0.31/kWh r~~r~~educed	(D)
LED Sign Lighting	LED exit sign or equivalent (<5 watts) LED sign lighting retrofit	Exit sign using ≥18 watts Existing using > input watts	$ ~~n/a~~40.00 $ ~~0.~~14/0.~~18~~20/kWh	(D)
Lighting Controls	~~Fixture mount occupancy sensor – interior~~	~~Manual or no prior control > 25 input watts~~	~~$ n/a/25.00~~	(D)(~~D~~I)
	Fixture mount occupancy sensor – exterior	Manual or no prior control, ≥75 input watts	$ ~~15.00/n~~25.00~~/a~~	(D)(~~D~~I)
	Multiple control strategies on existing LED - exterior	Manual or no prior control, ≥75 input watts	$ ~~23~~5.00/n/a	

Table 1 Note:
"Non-standard" incentives are available for cost-effective lighting measures not listed on Table 1. Non-standard interior lighting incentives will be calculated at $0.10 per first year annual kilowatt-hour saved up to 70% of measure cost and exterior lighting incentives will be calculated at $0.08 per first year annual kilowatt-hour saved up to 70% of measure cost.

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 4: RETROFIT - OTHER EQUIPMENT

Equipment category	Installing	Replacing	Incentive Per Unit
Laundry Machines	High efficiency washer	Standard washer paired with electric dryer	$200.00/unit
Motor Belts	Type AX notched V-belt Type BX notched V-belt	Type A solid V-belt Type B solid V-belt	$~~—~~5.00/hp* $~~—~~5.00/hp* *Incentive capped at $50/motor
Engine Block Heater and controls	Wall-mounted engine block heater control Engine-mounted engine block heater control High efficiency battery charger	Standard engine block heater without controls Standard engine block heater without controls Traditional battery charger	$100.00/unit $150.00/unit $200.00/unit
High Volume Low Speed Fan	High volume low speed fan	Standard high speed fan	$2,000.00/fan
Compressed Air	VFD on air compressor Low pressure drop filter No-loss condensate drain Efficient compressed air nozzle	No existing VFD Standard filter Open tube with ball valve Standard air nozzle	$200.00/hp $10.00/hp $200.00/unit $80.00/unit
Pool Covers	Indoor/outdoor pool cover on electrically heated pool	No existing pool cover	$2.00/~~sqft~~SQ FT (N)

TABLE 5: RETROFIT - FOOD SERVICE EQUIPMENT

Equipment category	Installing	Replacing	Incentive Per Unit
Refrigeration	Install auto-closer – walk-in	No/damaged auto-closer, low temp.	$400.00/door
	Freezer to dock automatic high speed door	Manual or electric warehouse door	$100.00/SQFT door opening
	Freezer to refrigerator automatic high speed door	Manual or electric warehouse door	$50.00/SQFT door opening
	Refrigerator to dock automatic high speed door	Manual or electric warehouse door	$25.00/SQFT door opening
	Freezer strip curtain	No protective barrier	$5.00/SQFT door opening
	Refrigerated strip curtain	No protective barrier	$5.00/SQFT door opening
	Refrigerated case doors – med temp	No existing case door or protective barrier	$130/linear foot door opening (N)

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE RETROFIT INCENTIVES (Continued)

TABLE 5: RETROFIT - FOOD SERVICE EQUIPMENT (Continued)

Equipment category	Installing	Replacing	Incentive Per Unit
Demand Controlled Kitchen Ventilation Exhaust Hood	VFD installed on kitchen exhaust and/or makeup air fan	Kitchen hood with constant speed ventilation motor	$250.00/hp
Commercial Kitchen Equipment	ENERGY STAR® v3.0 commercial ice machine >= 200 lbs/day	Standard commercial ice machine >= 200 lbs/day	$300.00/unit
	On-Demand Overwrapper	Standard overwrapper	$100.00/unit
	ENERGY STAR® listed electric combination oven (5-40~~15~~ pans)	Standard electric oven	$800.00/unit
	ENERGY STAR® listed electric steamer	Standard steamer	$~~–~~30.00/pan

TABLE 6: RETROFIT - VARIABLE SPEED/FREQUENCY DRIVES

Equipment category	Installing	Replacing	Incentive Per Unit
Variable Speed Controls	Variable speed drive on HVAC system applications: - Chilled water pumps - Condenser water pumps - Cooling tower fans - Supply - Return - Outside air - Make-up air - Hot water pumps	Single speed HVAC system fan/pump	$125.00/hp
	Variable speed drive on potato and onion storage shed ventilation	No existing VSD	$250.00/hp
	VFD on milking vacuum pump VFD on dairy milk transfer pump	No existing VSD No existing VSD	$250.00/hp $1,500.00/VFD

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

PRESCRIPTIVE NEW CONSTRUCTION INCENTIVES (Continued)

TABLE 13: EQUIPMENT FOR NEW CONSTRUCTION, EXPANSION, OR MAJOR RENOVATIONS (Continued)

Measure Type	Incentive	Eligibility Requirements
Engine Block Heater Controls	Wall Mounted: $100.00 per unit	Controls that provide a 2-hour delay from first plugged in and will turn on only when outside air drops below a certain threshold.
	Engine Mounted: $150.00 per unit	Control that cycles the heater on based on engine temperature.
Dairy/Milk Transfer Pump VFD	VFD: $1,500.00 per unit	Installing a VFD on the pump that slows down the motor during normal operation and then speeds up when necessary.
Circulation Generator Block Heaters	<= 200 kW: $200.00 201-500 kW: $350.00 501-1,000 kW: $500.00	Stationary pump-driven circulating block heater.
Ice Machine	$300.00 per unit	Commercial ENERGY STAR® Ice Machine with a capacity >= 200 lbs per day.
High Efficiency Battery Chargers	$200.00 per unit	High Efficiency electric battery charger for forklifts and industrial materials handling vehicles.
Indoor Pool Cover	$2.00 per sq ft	Indoor Pool Cover on electrically heated pool

(N)

Note: A Professional Assistance Incentive will be provided to a third-party architect or engineer that submits the application and provides the supporting documentation that is required to complete the application and incentive process. The professional is eligible for an incentive equal to 20% of the participant's total incentive to a maximum amount of $5,000.

CUSTOM INCENTIVES

QUALIFICATIONS

Project viability will be determined through a collaborative process involving the Company, a participating Customer, and if necessary, a qualified third party or the Customer's licensed Professional Engineer. Potential projects will be evaluated for program eligibility based upon the following criteria:

1. The technology must be generally accepted cost-effective energy efficiency technology. This determination will be at the Company's sole discretion.

2. Projects must exceed the current established building code requirements or standard practice for the applicable industry as determined by the Company.

3. If there is no corresponding prescriptive measure available, then the project may be submitted for review by the Company and, if cost-effective, the project may be eligible for a financial incentive.

~~(M)~~

SCHEDULE 89
COMMERCIAL AND INDUSTRIAL ENERGY EFFICIENCY
(Continued)

ENERGY MANAGEMENT (Continued)

DEFINITIONS

Strategic Energy Management (SEM) is a system of organizational practices, policies, and processes that creates persistent energy savings by integrating energy management into business practices by focusing on changes in daily operations that engage staff at all levels of an organization in energy efficiency activities.

Tune-up/system optimization/retro-commission is a focused short-term project to improve the energy usage of an existing specific process, equipment, or system, typically evaluated, documented, addressed, and implemented within a few weeks.

GREEN MOTORS INITIATIVE

The Green Motors Initiative employs industry best practices when rewinding motors (Green Rewind). The certified rewind process ensures that the motor maintains its original efficiency when the rewind is complete. Motors between 15 and 5,000 horsepower are eligible. Idaho Power pays participating service centers $2.00 per horsepower for each motor that received a verified Green Rewind. Each motor receiving Green Rewind is verified by a non-profit trade organization, Green Motors Practice Group. Motors must be rewound in a certified participating service center that has the equipment and training to perform Green Rewind. For a current list of motor service centers offering Green Rewind please see https://www.greenmotors.org/motor-service-centershttp://greenmotors.org/practicing.htm. Some motors may not be able to qualify as a green rewind due to extenuating circumstances, such as a damaged stator or rotor.

~~SMALL BUSINESS DIRECT INSTALL~~ (D)

~~QUALIFICATIONS~~

~~The Small Business Direct Install program is available to Idaho Power business customers using up to 25,000 kilowatt-hours annually. The program will be offered between November 2019 and March 2023, and will be offered in specific geographic regions of Idaho Power's service area for a limited time during that time period. Eligible customers will be informed by direct mail letter and other marketing strategies when the program will be in their region. Marketing material will include a program website and phone number customers may call to obtain program information and sign up to participate.~~

~~SERVICES PROVIDED~~

~~The Small Business Direct Install program will offer to customers the installation of energy efficient products at no cost to the customer. Project installations will be performed by contractors hired by an Idaho Power contractor, and all products and their installation will be paid for by Idaho Power. Project installations may include energy saving LED product, occupancy sensors, and a smart power strip measure, as applicable.~~