Washington Non-Residential Energy Efficiency

This document includes the following ~~three~~ sections:

- Applicable – list of eligible rate schedules
- Definitions of terms used in Schedule 140 and other program documents
- Incentives – General Information
- Incentive tables

APPLICABLE:

To service under the Company's General Service Schedules 24, 33, 36, 40, 47T, 48T, 51, 52, 53, 54 and 57 in all territory served by Pacific Power in the State of Washington.

Definitions

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 Pacific Power to Owner or Customer for installation of an Energy Efficiency Measure pursuant to an acknowledged Energy Efficiency Incentive Offer Letter or approved Energy Efficiency Incentive Application.

Energy Efficiency Incentive Offer Letter: An offer made by Pacific Power to the Owner or Customer providing for Pacific Power to furnish Energy Efficiency Incentives for an Energy Efficiency Project.

Incentive Application: An application submitted by Owner or Customer to Pacific Power for Energy Efficiency or Energy Management Incentives.

Energy Efficiency Measure (EEM): Qualifying measures are any measures which, when installed in an eligible facility, result in verifiable electric energy efficiency improvement compared to a baseline as determined by Pacific Power. The baseline will be determined with reference to existing equipment, applicable state or federal energy codes, industry standard practice and other relevant factors. Qualifying measures include Waste Heat to Power and regenerative technologies.

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 Renovations, 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

Pacific Power, 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) at a Non-residential Facility[1] with similar one year payback limitations (see below) covered by one Energy Efficiency Incentive Offer Letter.

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 Offer Letter.

Energy Management Offer Letter: An offer made by Pacific Power and acknowledged by Owner or Customer and Pacific Power providing for Pacific Power to furnish Energy Management Incentives for an Energy Management Project.

Energy Management Incentive: Payments of money made by Pacific Power to Owner or Customer for implementation of an Energy Management Measure pursuant to an executed Energy Management Offer Letter.

Energy Management Measure (EMM): an operational improvement which, when implemented in an eligible facility, result in electric savings compared to current operations as determined by Pacific Power.

Energy Management Project: One or more EMM(s) at a Non-residential Facility covered by one Energy Management Offer Letter.

Energy Project Manager: an employee or direct contractor of the Customer who will manage electrical energy efficiency projects that deliver savings toward the Customer/Owner's energy savings goal.

Energy Project Manager Co-funding: funding towards the Energy Project Manager agreed upon full value salary that is solely attributable to electrical energy efficiency work.

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.

[1] Measures at multiple Non-residential Facilities may be included in one Offer Letter for convenience; however, project incentive caps (if any) are applied per individual Non-residential Facility.

Mixed Use: Buildings served by a residential schedule and a rate schedule listed ~~under Washington Schedule 140~~in the applicability section above shall be eligible for services under this schedule provided the Energy Efficiency Project meets the definition of New Construction or Major Renovation.

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

Non-residential Facility: A Customer site that is served by Pacific Power and meets the applicability requirements listed above~~of Washington Schedule 140, the program tariff, on file with the Washington Utilities & Transportation Commission~~.

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.

Waste Heat to Power: Waste heat to power is the process of capturing heat discarded by a process (with no increase in fuel input for the process) and using that heat to generate electricity for use by the Non-residential Facility in place of electricity provided by Pacific Power.

Incentives – General Information

Incentives for measures listed in the incentive tables

Per unit incentives are listed in the program incentive 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 at www.pacificpower.net.

Custom incentives

Energy Efficiency Measures not listed in the prescriptive incentive tables (typical upgrades) may be eligible for a Custom Energy Efficiency Incentive. Pacific Power will complete an analysis of the EEM Cost and electric energy savings and determine whether to offer a custom Energy Efficiency Incentive and the incentive amount.

Energy management incentives

Non-capital improvements to operations and maintenance within a qualifying facility may be eligible for an Energy Management Incentive. Pacific Power will partner to complete an analysis of the electric energy savings of potential energy management measures and determine whether to offer an Energy Management Incentive and the incentive amount.

Energy project manager co-funding

Pacific Power can fund an additional $0.025/per kWh of verified Wattsmart Business energy savings, up to 100 percent of the Energy Project Manager's salary. Salary is based on a letter from the Customer/Owner's human resources or accounting department stating the base annual salary and an appropriate overhead percentage, and subject to approval by Pacific Power.

Baseline adjustments

Pacific Power 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 projects where energy code does not apply.

INCENTIVES:[2,3]

Category		Incentive	Percent Project Cost Cap[4]	1-Year Simple Payback Cap for Projects[5]	Other Limitations
Prescriptive Incentives (~~Typical Upgrades~~Listed Incentives)[6]	Lighting - Retrofit	See incentive lists	~~80~~70%	Yes	See incentive lists
	Lighting - New Construction/ Major Renovation (Facilities where energy code applies)		None	No	
	Lighting - New Construction/ Major Renovation (Facilities		~~80~~70%	Yes	

[2] The Customer or Owner may receive only one financial incentive from Pacific Power per measure. Financial incentives include energy efficiency incentive payments and energy management payments. Energy Project Manager Co-Funding is available in addition to the project incentives.
[3] Incentives for prescriptive measures are restricted to the amounts shown on the website.
[4] All EEM Costs are subject to Pacific Power review and approval prior to making an Energy Efficiency Incentive Offer. All final EEM Costs are subject to Pacific Power review and approval prior to paying an Energy Efficiency Incentive per the terms of the Energy Efficiency Incentive Offer or approved Application. Pacific Power review and approval of EEM Costs may require additional documentation from the Customer or Owner.
[5] The 1 year simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.
[6] For Rate Schedule 51, 52 and 57 Street Lighting Service, the street lighting owner (Pacific Power) is not eligible for incentives.

Category		Incentive	Percent Project Cost Cap[4]	1-Year Simple Payback Cap for Projects[5]	Other Limitations
	where energy code does not apply)				
	Motors		None	No	
	HVAC[7]		None	No	
	Building Envelope		None	No	
	Food Service[8]		None	No	
	Appliances		None	No	
	Office		None	No	
	Irrigation Pump VFD		~~80~~70%	Yes	
	Irrigation Water Distribution		None	No	
	Farm and Dairy		~~80~~70%	Yes	
	Compressed Air		~~80~~70%	Yes	
	Wastewater and other Refrigeration		~~80~~70%	Yes	
Enhanced Incentives for Small Businesses	Lighting - Retrofit	~~Determined by Pacific Power with not-to-exceed amounts as shown in incentive table for this offer~~See incentive lists	90%	No	Available to all Schedule 24 customers meeting small business criteria on Pacific Power's website. Qualifying equipment must be installed by an approved contractor/vendor.
			100%	No	Available to all Schedule 24 customers meeting very small business or named community small business criteria on Pacific Power's website. Qualifying equipment must be installed by an approved contractor/vendor.

[7] Evaporative pre-cooler incentives are subject to the 70% project cost cap and the one-year payback cap.
[8] Demand controlled kitchen ventilation exhaust hood incentives are subject to the project cost cap and the one-year payback cap.

Category	Incentive	Percent Project Cost Cap[4]	1-Year Simple Payback Cap for Projects[5]	Other Limitations
Mid-market incentives	Determined by Pacific Power with not-to-exceed amounts as shown in incentive table for this offer	No	No	Incentives available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process.
Direct Install incentives	Determined by Pacific Power with not-to-exceed amounts as shown in incentive table for this offer	No	No	Specific limitations will be outlined on the program website.
HVAC Check-up incentives	See incentive lists	No	No	Qualifying measures must be installed or provided by an approved HVAC check-up contractor/vendor.
Custom Non-Lighting Incentives for qualifying measures not on the prescriptive list.[9] [10]	$0.~~18~~ 24 per annual kWh savings	~~80~~70%	Yes	N/A
Energy Management	$0.025 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding	$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum savings goal posted on Pacific Power website.

[9] Project Cost and 1-Year Simple Payback Caps do not apply to New Construction and Major Renovation projects that are subject to state energy code.
[10] Refer to the Pacific Power website for Waste Heat to Power incentive eligibility requirements.

Energy Project Manager Co-funding Incentives

Payment No.	Payment Amount	Milestone
1 - Initial payment	1/3 of funding amount* (not to exceed $25,000)	1. You select an Energy Project Manager 2. We work together ~~on Comprehensive~~on Comprehensive Plan for electric energy savings 3. You sign the Energy Project Manager Offer Letter
2 - Final payment	$0.025 per kwh of energy savings achieved, to a maximum 100 percent of approved Energy Project Manager Salary and less the initial payment	1. At the end of performance period as defined in the Energy Project Manager Offer Letter

**Funding amount is based on the lesser of (a) $0.025 per kWh or (b) the total annual cost of the Energy Project Manager (salary plus overhead).*

Lighting System Retrofits Incentive Table

Category	Eligibility Requirements		Customer Incentive
Interior Lighting	Full Fixture Replacement	With upgrade to Advanced Controls	$0.~~20~~32/kWh
		With upgrade to Basic Controls	$0.~~17~~27/kWh
		Without controls upgrade	$0.~~15~~24/kWh
	Fixture Retrofit Kits	With controls upgrade to Basic or Advanced Networked Lighting Controls	$0.~~15~~24/kWh
		Without controls upgrade	$0.~~12~~19/kWh
	Lamp Replacement	Lamp-only Replacements	See Mid-market incentive table
	Controls-only Retrofit	Controls-only upgrade to Advanced Networked Lighting Controls	$0.~~20~~32/kWh
		Controls-only upgrade to Basic Controls	$0.~~15~~24/kWh
Exterior Lighting	Full Fixture Replacement (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.~~10~~16/kWh
		Without controls upgrade	$0.~~06~~09/kWh
	Fixture Retrofit Kits (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.~~07~~11/kWh
		Without controls upgrade	$0.~~05~~08/kWh
	Lamp Replacement (except Street Lighting)	Lamp-only Replacements	See Mid-market incentive table
	Street Lighting	With upgrade to Advanced Dimming Controls	$0.~~07~~11/kWh
		Without controls upgrade	$0.~~05~~08/kWh
	Controls-only Retrofit	Controls-only upgrade to Advanced Dimming Controls	$0.~~07~~11/kWh
Non-General Illuminance	LED Case Lighting – Refrigerated Case	LED replacing fluorescent lamp in existing refrigerated cases. LED must be listed on qualified equipment list.	$12/linear foot
	LED Case Lighting – Freezer Case		$12/linear foot
	Refrigerated Case Occupancy Sensor	Installed in existing refrigerated case with LED lighting	$1.25/linear foot
Controlled Environment Agriculture (CEA)	Full Fixture Replacement	With or without controls upgrade	$0.17/kWh
	Lamp Replacement	Lamp-only Replacements With or without controls upgrade	See Mid-market incentive table
Custom Lighting	Custom	Not listed above	$0.~~06~~09/kWh

Notes for retrofit lighting incentive table

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 Pacific Power. To be eligible for an incentive for a system with controls, the new controls must save energy relative to existing controls.
2. Incentives are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple

payback below one year. Energy Efficiency Project Costs are subject to Pacific Power approval.

3. Incentives listed as $/kWh are paid per kWh annual energy savings as determined by Pacific Power.
4. Eligible retrofit lighting equipment is defined in qualified equipment lists posted on the Washington energy efficiency program section of Pacific Power's website.
5. A complete list of lighting equipment not eligible for retrofit incentives is available on the Washington energy efficiency program section of Pacific Power's website.

New Construction/Major Renovation Lighting Incentive Table

Measure	Category	Eligibility Requirements	Customer Incentive
Interior Lighting	Troffer	Product must be listed on qualified equipment list. Products must be installed in ~~buildings~~ facilities where energy code applies.	$12/Fixture
	Linear Ambient		$12/Fixture
	High Bay		$25/Fixture
	Other Fixtures (not listed above)		$0.62/Fixture Wattage
	Advanced Networked Lighting Controls		$1/W Controlled
	Custom Interior Lighting	Products must be installed in facilities where energy code does not apply.	$0.~~10~~08/kWh annual energy savings
~~Exterior Lighting~~	~~Advanced Lighting Controls~~	~~Product does not need to be listed on qualified equipment list.~~	~~$0.40/W Controlled~~
Controlled Environment Agriculture (CEA)	LED Fixture	Product must be listed on qualified equipment list. Products must be installed in facilities where energy code does not apply.	$0.10 /kWh
~~Custom Lighting~~	~~Custom~~	~~Products must be installed in buildings where energy code does not apply.~~	~~$0.10/kWh annual energy savings~~

Notes for New Construction/Major Renovation Lighting Incentive Table

1. Project Cost Caps of ~~80~~70% and 1-Year Simple Payback Caps apply to New Construction and Major Renovation projects that are not subject to state energy code. The 1-Year ~~1 year~~ simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.
2. Lighting equipment installed to comply with the applicable version of the state energy code, but not exceeding that code, is not eligible for incentives. Lighting equipment that exceeds the applicable version of the state energy code is eligible for incentives.
3. Eligible lighting equipment is defined in qualified equipment lists posted on the Washington energy efficiency program section of Pacific Power's website. ~~Interior lighting fixtures must meet DesignLights Consortium Premium category requirements and must be found on the Qualified Products List~~.

Motor Incentives Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Variable-Frequency Drives (HVAC fans and pumps)	≤ 100 horsepower	HVAC fans and pumps	See Note 2	$81 /horsepower
Green Motor Rewinds	≥ 15 and ≤ 5,000 hp	--	Must meet GMPG Standards	$1/horsepower (See Note 3)
Electronically Commutated Motor (ECM) - Retrofit Only	≥ 1 and ≤ 10 hp	HVAC fans and pumps	Must meet NEMA Standards	$93/horsepower

Notes for other motor incentives table:

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

GMPG = Green Motors Practices Group
HP = Horsepower
HVAC = Heating, Ventilating and Air Conditioning
NEMA = National Electrical Manufacturers Association
VFD = Variable Frequency Drive

New Construction/Major Renovation HVAC Equipment Incentive Table

Measure	Eligibility Requirements	Customer Incentive
HVAC Systems	Systems must be installed in office, retail, library, and education occupancies where the applicable state energy code is Washington State Energy Code 2018 and the Total System Performance Ratio (TSPR) requirement applies. The TSPR must exceed that of the standard reference design specified by Washington State Energy Code 2018.	$0.18/kWh

Notes for New Construction/Major Renovation HVAC Equipment incentive table

1. For HVAC systems serving occupancy types not subject to or exempt from TSPR requirement, see the HVAC Equipment Incentive Table or the Other HVAC Equipment and Controls Incentive Table below.
2. Incentives listed as $/kWh are paid per kWh annual energy savings as determined by Pacific Power.

HVAC = Heating, Ventilation and Air-Conditioning
TSPR = Total System Performance Ratio

HVAC Equipment Incentive Table

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$31/ton**	**$62/ton**	**$93/ton**
Unitary Commercial Air Conditioners, Air-Cooled (See note 7)	< 65,000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 2	CEE Advanced Tier
	All equipment sizes (three phase)	Split system and single package	--	CEE Tier 2	CEE Advanced Tier
Unitary Commercial Air Conditioners, Water Cooled (See note 7)	All equipment sizes	Split system and single package	CEE Tier 1	--	--
Unitary Commercial Air Conditioners, Evaporatively Cooled (See note 7)	All equipment sizes	Split system and single package	--	CEE Tier 1	--
Packaged Terminal Air Conditioners (PTAC)	≤ 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) (See note 7)	< 65,000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 2	--
	< 65,000 Btu/hr (three phase)	Split system and single package	CEE Tier 1	CEE Tier 2	--
	≥ 65,000 Btu/hr (three phase)	Split system and single package			--
Heat Pumps, Air-Cooled (Heating Mode)	< 65, 000 Btu/hr (single phase)	Split system and single package (See note 3)	--	CEE Tier 2	--
	< 65,000 Btu/hr (three phase)	Split system and single package (See note 3)	CEE Tier 1	CEE Tier 2	--
	≥ 65,000 Btu/hr (three phase)	(See note 3)			
Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	(See note 3)	--	CEE Tier 1	--

			Minimum Efficiency Requirement & Customer Incentive		
Equipment Type	**Size Category**	**Sub-Category**	**$31/ton**	**$62/ton**	**$93/ton**
Heat Pumps, Water-Source (Heating Mode)	< 135,000 Btu/hr	(See note 3)	--	CEE Tier 1	--
VRF Air-Cooled Heat Pumps (Cooling Mode)	<65,000 Btu/hr	Multisplit System or Multisplit System with Heat Recovery	--	--	15 SEER and 12.5 EER
	≥65,000 Btu/hr and <135,000 Btu/hr		--	--	11.5 EER and 16 IEER
	≥135,000 Btu/hr and <240,000 Btu/hr		--	--	10.9 EER and 15.4 IEER
	>240,000 Btu/hr		--	--	9.6 EER and 14.3 IEER
VRF Air-Cooled Heat Pumps (Heating Mode) (See note 3)	<65,000 Btu/hr	--	--	--	8.5 HSPF
	≥65,000 Btu/hr and <135,000 Btu/hr	47°Fdb/43° wb outdoor air	--	--	3.4 COP
		17°Fdb/15° wb outdoor air	--	--	2.4 COP
	>135,000 Btu/hr	47°Fdb/43° wb outdoor air	--	--	3.2 COP
		17°Fdb/15° wb outdoor air	--	--	2.5 COP
VRF Water-Cooled Heat Pumps (Cooling Mode)	< 135,000 Btu/hr	Multisplit System or Multisplit System with Heat Recovery	--	--	CEE Tier 1
VRF Water-Cooled Heat Pumps (Heating Mode) (See note 3)	< 135,000 Btu/hr	Multisplit System or Multisplit System with Heat Recovery	--	--	CEE Tier 1
Heat Pumps, Ground-Source or Groundwater-Source (Heating & Cooling Mode)	All sizes	(See note 3)	--	ENERGY STAR® ~~Qualified~~Certified	--
Ground Source or Groundwater-Source Heat Pump Loop	All sizes	Open Loop	**$31/ton**	--	--
		Closed Loop			

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive	
			$250/ton	**$312/ton**
Heat Pumps, Air-Cooled, replacing electric resistance heating (Cooling Mode) (Retrofit only) (See note 3 and 7)	All sizes	Split system and single package	CEE Tier 1	--
	< 65,000 Btu/hr		CEE Tier 1	CEE Tier 2
Heat Pumps, Air Cooled, replacing electric resistance heating (Heating Mode) (Retrofit only) (See note 3 and 7)	All sizes	Split system and single package	CEE Tier 1	--
	< 65,000 Btu/hr		CEE Tier 1	CEE Tier 2
Equipment Type	**Size Category**	**Sub-Category**	**Minimum Efficiency Requirement**	**Customer Incentive**
Heat Pump (CTA-2045) (See note 8)	All sizes	Split system and single package	For heat pump equipment with demand response capability, compliant with CTA-2045	$100/heat pump

Notes for HVAC Equipment incentive tables

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, AHRI Standard 1230 for VRF systems, 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. Efficiency requirements align with the Consortium for Energy Efficiency (CEE) Unitary Air-Conditioning and Heat Pump Specification for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed on Pacific Power's website.
7. Equipment must meet CEE part load efficiency requirements (SEER or IEER). Equipment does not need to meet CEE full load efficiency requirements (EER), as long as the part load efficiency requirement is also specified for the equipment in CEE. If CEE only lists full load efficiency requirements (EER), then equipment must meet this standard. Additionally, the equipment must meet or exceed state or federal full load efficiency standards, whichever is more stringent.
8. Incentive for CTA-2045 compliant heat pump is an additional incentive that applies to heat pumps listed in the above table. Unitary air conditioners, PTACs, PTHPs, and heat pump loops do not qualify for this incentive. Equipment must meet all program qualifications to be eligible.
9. Incentives listed in the above table are not available for New Construction and Major Renovation project HVAC systems serving office, retail, library, and educational occupancies that are subject to the HVAC total system performance ratio (TSPR) requirement in Washington State Energy Code 2018. See New Construction/Major Renovation HVAC Equipment Incentive Table for incentive information.

AHRI = Air-Conditioning, Heating and Refrigeration Institute
CEE = Consortium for Energy Efficiency
COP = Coefficient of Performance
CTA = Consumer Technology Association
EER = Energy Efficiency Ratio
HSPF = Heating Seasonal Performance Factor
HVAC = Heating, Ventilation and Air-Conditioning
IEER = Integrated Energy Efficiency Ratio
PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio
VRF = Variable Refrigerant Flow
TSPR = Total System Performance Ratio

Other HVAC Equipment and Controls Incentive Table

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling	All sizes	Direct or Indirect		$0.07/ CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	$0.18/kWh annual energy Savings (See Note 2)
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by energy code	$0.18/kWh annual energy Savings (See Note 3)
365/366 day Programmable or Occupancy-based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy based setback capability	$187/thermostat
Occupancy Based PTHP/PTAC control (Retrofit only)	All sizes with no prior occupancy based control	--	See Note 4	$62/controller
Evaporative Pre-cooler (Retrofit Only)		For single air-cooled packaged rooftop or matched split system condensers only.	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	$93/ton of attached cooling capacity (See Note 5)
Advanced Rooftop Unit Control (Existing RTU)	≥ 5 tons and ≤ 10 tons	Must be installed on existing unitary packaged rooftop units (no split-systems), ≥ 5 tons nominal cooling capacity with constant speed supply fans.	Controls must include: - Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs - Digital, integrated economizer control	$2,500
	> 10 tons and ≤ 15 tons			$3,500
	> 15 tons and ≤ 20 tons			$5,000
	> 20 tons			$5,625
Advanced Rooftop Unit Control (Existing RTU, Demand-Controlled Ventilation only)	≥ 5 tons and ≤ 10 tons	Must be installed on existing unitary packaged rooftop units (no split-systems), ≥ 5 tons nominal cooling capacity.	Controls must include: - Digital, integrated economizer controls that modulate based on occupancy - CO2 or occupancy-based sensor	$625
	> 10 tons and ≤ 15 tons			$750
	> 15 tons and ≤ 20 tons			$875
	> 20 tons			$1,000

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Advanced Rooftop Unit Control (New RTU)	≥ 5 tons and ≤ 10 tons	Must be installed on unitary packaged rooftop units (no split-systems), ≥ 5 tons nominal cooling capacity. See Note 6	Controls must include: - Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs - Digital, integrated economizer control	$1,400
	> 10 tons and ≤ 15 tons			$2,000
	> 15 tons and ≤ 20 tons			$2,800
	> 20 tons			$3,200
Smart Thermostat	Residential (used in a business)		See Home Energy Savings program	

Notes for other HVAC equipment and controls incentive table

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 are paid at $0.18/kWh annual energy savings. IDEC energy savings subject to approval by Pacific Power.
3. Incentives are paid at $0.18/kWh annual energy savings. Chiller energy savings subject to approval by Pacific Power.
4. Controller units must include an occupancy based control 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. Incentives for Evaporative Pre-coolers are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Pacific Power approval.
6. Incentives are not available for new Advanced Rooftop Unit Control required by the applicable version of the state energy code.
7. Incentives listed in the above table are not available for New Construction and Major Renovation project HVAC systems serving office, retail, library, and educational occupancies that are subject to the HVAC total system performance ratio (TSPR) requirement in Washington State Energy Code 2018. See New Construction/Major Renovation HVAC Equipment Incentive Table for incentive information.

CFM = Cubic Feet per Minute
DCV = Demand-Controlled Ventilation
IDEC = Indirect Direct Evaporative Cooling
HVAC = Heating, Ventilation and Air-Conditioning
PTHP = Packaged Terminal Heat Pump
PTAC = Packaged Terminal Air Conditioner
TSPR = Total System Performance Ratio

Building Envelope (Retrofit) Incentives

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Cool Roof	--	ENERGY STAR ~~Qualified~~Certified	$0.06~~-~~/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation	$0.08/square foot
Wall Insulation	--	Minimum increment of R-10 insulation	$0.10/square foot
Windows (See Note 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	$0.42~~-~~/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	$0.42~~-~~/square foot
Window Film	Existing Windows	See Note 5	$0.18/kWh annual energy savings (See Note 5)

Notes for retrofit building envelope incentive table

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 $0.18 /kWh annual energy savings. ~~-~~Energy savings subject to approval by Pacific Power.

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

Building Envelope (New Construction/Major Renovation) Incentives

Equipment Type	Category	Minimum Efficiency Requirement	Customer Incentive
Windows (See Note 3, 4)	Site-Built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Glazing Only Rating)	$0.42-/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (Entire Window Assembly Rating)	$0.42-/square foot

Notes for building envelope (new construction/major renovation) incentives table

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. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
4. 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.

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

Food Service Equipment Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive
Commercial Dishwasher (High Temperature models w/ electric boosters Only)	Undercounter	ENERGY STAR ~~Qualified~~Certified	$125
	Stationary Rack, Single Tank, Door Type		$500
	Single Tank Conveyor		$1,250
	Multiple Tank Conveyor		$625
Electric Insulated Holding Cabinet	Double Size	ENERGY STAR Certified~~Qualified~~	$400
	Full Size		$857
	~~3/4 Size~~		~~$375~~
	~~1/2~~Half Size		$250
~~Electric Steam Cooker~~	~~All sizes~~	~~ENERGY STAR Qualified~~	~~$375~~
Electric Convection Oven	Full Size	ENERGY STAR Certified~~Qualified~~	$250
Electric Griddle	--	ENERGY ~~STAR Tier~~STAR Tier 2 Certified~~Qualified~~	$187
Electric Combination Oven	3 - 40 pans	ENERGY STAR Certified	$650
	~~5-15 pans~~	~~ENERGY STAR Qualified~~	~~$1,250~~
	~~16-20 pans~~	~~ENERGY STAR Qualified~~	~~$343~~
Demand Controlled Kitchen Ventilation Exhaust Hood	Must be installed on commercial kitchen exhaust system.	Variable speed motors must be controlled to vary fan speed depending upon kitchen demand, as indicated by connected sensors.	$0.18 /kWh annual energy savings (See note 2)
Anti-Sweat Heater Controls (Retrofit Only)	Low-Temp (Freezing) Cases	Technologies that reduce energy consumption of anti-sweat heaters based on sensing humidity.	$25 /linear foot (case length)
	Med-Temp (Refrigerated) Cases		$20 /linear foot (case length)

Notes for food service equipment incentives table

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 are paid at $0.18/kWh annual energy savings. Demand controlled kitchen ventilation exhaust hood energy savings subject to approval by Pacific Power.

3. Demand controlled kitchen ventilation exhaust hoods required by or used to comply with the applicable version of the energy code are not eligible for incentives.

4. Incentives for Demand Controlled Kitchen Ventilation Exhaust Hoods are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy Efficiency Project Costs are subject to Pacific Power approval.

Appliances Incentive Table

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Customer Incentive
High-Efficiency Clothes Washer	Residential (used in a business)	See Home Energy Savings program	
	Commercial Front-load (must have electric water heating and/or electric clothes dryer)	ENERGY STAR® Certified~~Qualified~~	$~~125~~300
Heat Pump Water Heater	Residential (used in a business)	NEEA Tier 3 or higher	$~~500~~900
Heat Pump Clothes Dryer	Residential (used in a business)	See Home Energy Savings program	
Hybrid Heat Pump Clothes Dryer	Residential (used in a business)	See Home Energy Savings program	

Notes for appliances incentive table

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 Pacific Power's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.
4. Additional incentive may be available to an approved Wattsmart Business Vendor contractor involved in the installation of an eligible heat pump water heater. Please see the Home Energy Savings program.

Incentives for Office Energy Efficiency Measures

Equipment Type	Replace	Minimum Efficiency Requirements	Customer Incentive
Smart Plug Strip	--	1. Incentive applies to any plug strip on Qualified Product List that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an electric load sensor. 2. Applies only to electric plug-load applications (~~e.g.~~e.g., computer monitors)	$5/qualifying unit

Notes for office energy efficiency measures incentives table

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive. Qualified Product List is available on the energy efficiency section of the Pacific Power website.

Irrigation Incentives for Wheel Line, Hand Line, or Other Portable Water Distribution Systems -(Retrofit Only)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
New rotating, sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact rotating sprinkler	Rotating sprinkler	1. Fixed-in-place (solid set) systems not eligible. 2. Incentive limited to two sprinklers per irrigated acre.	$0.50 each
New impact Sprinkler replacing worn or leaking impact sprinkler	Leaking or malfunctioning impact sprinkler	New impact sprinkler	1. New nozzle shall be included in new sprinkler. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two sprinklers per irrigated acre.	$0.50 each
New nozzle replacing worn nozzle of same design flow or less on existing sprinkler	Worn nozzle	New nozzle (including flow control nozzles) of same design flow or less	1. Flow rate shall not be increased. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two nozzles per irrigated acre.	$1.50~~0.50~~ each
New gasket replacing leaking gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	1. New gasket must replace leaking gasket. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two gaskets per irrigated acre.	$2 each
New drain replacing leaking drain	Leaking drain	New drain, including drains on pivots and linears	1. New drain must replace leaking drain. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two drains per irrigated acre.	$2 each
~~Cut and press or weld repair of leaking wheel line, hand line, or portable main line~~	~~Leak in wheel line, hand line, or portable main line~~	~~Cut and pipe press or weld repair~~	~~Invoice must show number of leaks repaired~~	~~$8/repair~~
New or rebuilt wheel line leveler replacing leaking or malfunctioning leveler	Replace leaking or malfunctioning leveler	New or rebuilt leveler	1. Applies to leaking or malfunctioning levelers only. 2. For rebuilds, invoice must show number of rebuild kits purchased and installed.	$1 each

Irrigation Incentives for Pivot and Linear Water Distribution Systems (Retrofit Only)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
~~Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing impact sprinkler~~	~~Impact sprinkler~~	~~New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)~~	~~New sprinkler is of same design flow or less~~	~~$4 each~~
~~Low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing worn~~	~~Worn low pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray)~~	~~New low pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item~~	~~1. New sprinkler is of same design flow or less.~~	~~$2 each~~

~~low pressure sprinkler~~		~~with additional incentive)~~		
~~Pressure regulator~~	~~Worn pressure regulator. May also add regulator where there had been none before.~~	~~New pressure regulator of same design pressure or less.~~	~~1. New regulator must be of same design pressure or less~~	~~$2 each~~
Pivot and linear sprinkler package replacement, high pressure	Worn impact sprinkler	New impact sprinkler or rotator, including nozzle	Design flow shall not be increased	$7 each
Pivot and linear sprinkler package replacement, MESA	Worn low pressure sprinkler and regulator	New low pressure sprinkler, including nozzle, and regulator	Applicable to MESA-configured center pivots and linears. Design flow rate shall not be increased.	$4 each
Pivot and linear sprinkler package replacement, LESA/LEPA/MDI	Worn low pressure sprinkler and regulator	New low pressure sprinkler, including nozzle, and regulator	Applicable to LESA/LEPA/MDI-configured center pivots and linears. Design flow rate shall not be increased.	$2 each
Pivot and linear upgrade from high pressure to MESA	Conversion of center pivot or linear move from high pressure (impact) sprinklers on top.	Conversion of center pivot or linear move to MESA configuration	Incentive is per drop. Design flow rate shall not be increased.	$7 each
Pivot and linear upgrade from high pressure to LESA/LEPA/MDI	Conversion of center pivot or linear move from high pressure (impact) sprinklers on top.	Conversion of center pivot or linear move to LESA/LEPA/MDI configuration	Incentive is per drop. Design flow rate shall not be increased.	$7 each
Pivot and linear upgrade from MESA to LESA/LEPA/MDI	Conversion of center pivot or linear move from MESA configuration	Conversion of center pivot or linear move to LESA/LEPA/MDI configuration	Incentive is per drop. Design flow rate shall not be increased.	$5 each

Irrigation Incentives for Any Type of System (Retrofit or New Construction, Including Non-agricultural Irrigation Applications)

Irrigation Measure	Replace	With	Limitations	Customer Incentive
Irrigation pump VFD		Add variable frequency drive to existing or new irrigation pump	1. Pumps serving any type of irrigation water transport or distribution system are eligible – wheel lines, hand lines, pivots, linears, fixed-in-place (solid set). 2. Both retrofit and new construction projects are eligible. 3. Incentives are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs, and incentives will not be	$0.24~~18~~/kWh annual savings

			available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Pacific Power approval.	

Notes for irrigation incentive tables

1. Equipment that meets or exceeds the requirements above may qualify for the listed incentive.
2. Except for the pump VFD measure, incentives listed here are available only for retrofit projects where new equipment replaces existing equipment (~~i.e.~~i.e., new construction is not eligible).
3 Except for the pump VFD measure, equipment installed in fixed-in-place (solid set) systems is not eligible. Incentive is limited to two units per irrigated acre.

LESA/LEPA/MDI = Low-Elevation Spray Application/ Low Energy Precision Application/ Mobile Drip Irrigation
MESA = mid-elevation spray application
VFD = Variable Frequency Drive

Farm and Dairy Incentives

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Customer Incentive
Automatic Milker Takeoffs (Retrofit Only)	--	Equipment must be able to sense milk flow and remove milker when flow reaches a pre-set level. The vacuum pump serving the affected milking units must be equipped with a VFD. Incentive is available for adding automatic milker takeoffs to existing milking systems, not for takeoffs on a brand new system where there was none before. Replacement of existing automatic milker takeoffs is not eligible for this listed incentive, but may qualify for a Custom Energy Efficiency Incentive.	$294 each
Agricultural Engine Block Heater Timers	--	Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.	$12 each
High Efficiency Circulating Fans (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/W	$31/fan
	24-35" Diameter	Fan must achieve an efficiency level of 18 cfm/W	$44/fan
	36-47" Diameter	Fan must achieve an efficiency level of 18 cfm/W	$62/fan
	≥48" Diameter	Fan must achieve an efficiency level of 25 cfm/W	$94/fan
Heat Recovery	--	Heat recovery unit must use heat rejected from milk cooling refrigeration system to heat water. Customer must use electricity for water heating.	$0.2418/kWh annual energy savings
High-efficiency Ventilation Fans (See Note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/W	$56/fan
	24-35" Diameter	Fan must achieve an efficiency level of 13 cfm/W	$94/fan
	36-47" Diameter	Fan must achieve an efficiency level of 17 cfm/W	$156/fan
	≥48" Diameter	Fan must achieve an efficiency level of 19.5 cfm/W	$188/fan
Milk Pre-coolers (Retrofit Only)	--	The equipment must cool milk with well-water before it reaches the bulk cooling tank.	$0.2418/kWh annual energy savings
Programmable Ventilation Controllers	--	Controller must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc..	$25/fan controlled
Variable Frequency Drives for Dairy Vacuum Pumps (Retrofit Only)	--	VFD must vary motor speed based on target vacuum level. Incentive available for retrofit only (i.e.i.e., new construction and replacement of existing VFD not eligible.).	$206/hp
Potato or Onion Storage Fan VFD	--	Add variable frequency drive to existing or new fan in potato or onion storage	$219/hp

Notes for farm and dairy incentives table

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Pacific Power approval.
4. Except where noted, all equipment listed in the table is 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
cfm = cubic feet per minute
W = watt

Compressed Air Incentives

Equipment Category	Replace	With	Limitations	Customer Incentive
Receiver Capacity Addition	Limited or no receiver capacity (≤ 2 gallons per scfm of trim compressor capacity)	Total receiver capacity after addition must be- > 2 gallons per scfm of trim compressor capacity	1. Compressor system size ≤ 75 horsepower, not counting backup compressor(s). 2. Trim compressor must use load/unload control, not inlet modulation or on/off control. 3. Systems with VFD compressor or using variable displacement compressor are not eligible.	$3.75/gallon above 2 gallons per scfm
Cycling Refrigerated Dryers	Non-cycling refrigerated dryer	Cycling refrigerated dryer	1. Rated dryer capacity must be ≤ 500 scfm 2. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode. 3. Refrigeration compressor must cycle off during periods of reduced demand	$2.50/scfm
VFD Controlled Compressor	Fixed speed compressor	≤ 75 hp VFD- controlled oil-injected screw compressor operating in system with total compressor capacity ≤ 75 hp, not counting backup compressor capacity	1. Total compressor capacity in upgraded system is ≤ 75 hp, not counting backup compressor capacity. 2. Compressor must adjust speed as primary means of capacity control	$0.2418/kWh annual energy savings
Zero Loss Condensate Drains	Timer drain	Zero loss condensate drain (See Note 4)	Drain is designed to function without release of compressed air into the atmosphere. Any size system is eligible – there is no restriction on compressor size.	$125 each
Outside Air Intake	Compressor intake drawing air from compressor room	≤ 75 hp compressor where permanent ductwork between compressor air intake and outdoors	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 outside air conditions	$7.50/hp

Notes for compressed air incentive table

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Except for the zero loss condensate drain measure, eligibility for incentives is limited to compressed air systems with total compressor capacity of 75 hp or less, not including backup compressor capacity that does not normally run.
3. Incentives are capped at 80-70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Pacific Power approval.
4. Zero Loss Condensate Drains purchased as an integral part of another measure are eligible for the incentive shown above.

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

Incentives for Wastewater and other Refrigeration Energy Efficiency Measures

Equipment Type	Replace	With	Customer Incentive
Adaptive refrigeration control	Conventional controls (defrost timeclock, space thermostat, evaporator fan control, if any, thermal expansion valve in some instances)	Adaptive refrigeration controller and, in some instances, electric expansion valve	$0.24~~18~~/kWh annual energy savings
Fast acting door	Manually operated door, automatic door with long cycle time, strip curtain, or entryway with no door in refrigerated/conditioned space	Fast acting door	$0.24~~18~~/kWh annual energy savings
Wastewater – low power mixer	Excess aeration capacity	Extended range circulator	$0.24~~18~~/kWh annual energy savings

Notes for other energy efficiency measures incentives table

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Incentives are capped at ~~80~~ 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce the Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Pacific Power approval.

Enhanced Incentives for Small Businesses – Lighting (Retrofit only)~~11~~

~~Measure~~	~~Category~~	~~Eligibility Requirements~~	~~Customer Incentive~~
~~LED**~~	~~2x4 Troffer Retrofit to TLED (Lo-W) 2-lamp~~	~~TLED lamps with electronic ballast replacement or LED driver (external or integral). Lamp wattage reduction ≥ 10 Watts.~~	~~$65/Fixture~~
	~~2x4 Troffer Retrofit to TLED (Hi-W) 2-lamp~~		~~$80/Fixture~~
	~~2x4 Troffer Retrofit to TLED (Lo-W) 3-Lamp~~		~~$83/Fixture~~
	~~2x4 Troffer Retrofit to TLED (Hi-W) 3-Lamp~~		~~$87/Fixture~~
	~~2x4 Troffer Retrofit to TLED (Lo-W) 4-lamp~~		~~$90/Fixture~~
	~~2x4 Troffer Retrofit to TLED (Hi-W) 4-lamp~~		~~$95/Fixture~~
	~~2x2 Troffer Retrofit to TLED~~		~~$95/Fixture~~
	~~2x4 Troffer Volumetric Kit (Lo-W)~~	~~LED volumetric kit, 2x4 or 2x2 troffer retrofit~~	~~$150/Fixture~~
	~~2x4 Troffer Volumetric Kit (Hi-W)~~		~~$170/Fixture~~
	~~2x2 Troffer Volumetric Kit~~		~~$120/Fixture~~
	~~2x4 Troffer Flat Panel Kit (Lo-W)~~		~~$120/Fixture~~

~~**All LED equipment must be listed on qualified equipment list available on the Pacific Power website.~~

~~12Incentives for measures in this table are available only to Small Business customers as defined in the INCENTIVES table.~~

	~~2x4 Troffer Flat Panel Kit (Hi-W)~~	~~LED flat panel fixture/kit, 2x4 or 2x2 troffer retrofit or replacement~~	~~$150/Fixture~~
	~~2x2 Troffer Flat Panel Kit (Hi-W)~~		~~$80/Fixture~~
	~~2x4 LED Wrap Fixture Replacement (Lo-W)~~	~~Surface mount LED wraparound fixture~~	~~$100/Fixture~~
	~~2x4 LED Wrap Fixture Replacement (Hi-W)~~		~~$120/Fixture~~
	~~Industrial Strip Kit w/ TLED (Lo-W) 2-lamp~~	~~(1) 8' T12 to (2) 4' TLED lamps and electronic ballast or LED driver replacement and retrofit kit.~~	~~$105/Fixture~~
	~~Industrial Strip Kit w/ TLED (Hi-W) 2-lamp~~		~~$115/Fixture~~
	~~Industrial Strip Kit w/ TLED (Lo-W) 4-lamp~~		~~$130/Fixture~~
	~~Industrial Strip Kit w/ TLED (Hi-W) 4-lamp~~		~~$130/Fixture~~
	~~Industrial Strip Kit w/ 8' TLED 2-lamp~~	~~8' Tubular LED lamps and electronic ballast replacement or driver and retrofit kit~~	~~$130/Fixture~~
	~~LED High Bay/Low Bay Fixture (Lo-W)~~	~~Must replace T8/T5HO fluorescent, incandescent, or HID high bay~~	~~$150/Fixture~~
	~~LED High Bay/Low Bay Fixture (Hi-W)~~		~~$200 Fixture~~
	~~LED High Bay/Low Bay Fluorescent to TLED ≤ 4-Lamp~~	~~Type A, B, or C TLEDs replacing T8/T5HO fluorescent lamps and ballast with TLED lamps and electronic ballast or LED driver.~~ ~~Cannot reuse existing ballast.~~	~~$97/Fixture~~
	~~LED High Bay/Low Bay Fluorescent to TLED > 4-Lamp~~		~~$112/Fixture~~
	~~LED Wall Pack Fixture (Lo-W)~~		~~$100/Fixture~~
	~~LED Wall Pack Fixture (Hi-W)~~		~~$175/Fixture~~
~~Lighting Control~~	~~Occupancy Sensor Retrofit~~	~~PIR, Dual-Tech, or Integral Sensor~~	~~$0.37/Watt controlled~~

Customer Eligibility Requirements	**~~Measure Category~~Equipment Eligibility Requirement**		**Customer Incentive**
Small business	LED Lighting Retrofits (not listed below)		$0.35/kWh
	LED Exterior Full Fixture Replacement (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.18/kWh
		Without controls upgrade	$0.10/kWh
	LED Exterior Fixture Retrofit Kits (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.12/kWh
		Without controls upgrade	$0.09/kWh

	Lighting Controls (interior only)	PIR, Dual Tech, Integral Sensor, Basic or Advanced Networked Lighting Controls	$0.32/kWh

Notes for enhanced incentives for small businesses – ~~L~~lighting table:

1. Incentives for equipment listed in this table are only available for small business customers meeting customer eligibility requirements posted on Pacific Power's website.
~~1.~~2. 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 Pacific Power.
~~2.~~3. Incentives are paid per kWh annual energy savings as determined by Pacific Power. Incentives are capped at 90 percent of Energy Efficiency Project Costs. Energy Efficiency Project Costs and energy savings are subject to Pacific Power approval.
~~3. Qualified equipment lists are posted on the Washington energy efficiency program section of Pacific Power's website.~~
~~4. Low and high wattage ranges are posted on the Washington energy efficiency program section of Pacific Power's website.~~
~~Watt controlled refers to the total wattage of lighting fixtures down circuit from the control as determined by Pacific Power.~~
4. Eligible lighting equipment is defined in qualified equipment lists posted on the Washington energy efficiency program section of Pacific Power's website.
5. Lighting control incentives ($/kWh) are paid per kWh annual energy savings from the installation of lighting controls as determined by Pacific Power.

~~Lo-W – Low wattage~~
~~Hi-W – High wattage~~
~~HO – High Output~~
~~T~~LED – ~~Tubular~~ Light Emitting Diode
PIR – Passive infrared

Enhanced Incentives for Select Very Small Businesses and Named Community Small Businesses – Lighting (Retrofit only)

Customer Eligibility Requirements	Equipment Eligibility Requirement		Customer Incentive
Small businesses that meet specific eligibility requirements Named community small business	LED Lighting Retrofits		$0.50/kWh,
	Lighting Controls (interior only)	PIR, Dual Tech, Integral Sensor, Basic or Advanced Networked Lighting Controls	$0.32/kWh

Notes for enhanced incentives for very small businesses and named community small businesses – lighting table:

1. Incentives for equipment listed in this table are only available for select very small business customers and named community small business customers meeting customer eligibility requirements posted on Pacific Power's website.
2. 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 Pacific Power.
3. Incentives are paid per kWh annual energy savings as determined by Pacific Power. Incentives are capped at 100 percent of Energy Efficiency Project Costs. Energy Efficiency Project Costs and energy savings are subject to Pacific Power approval.
4. Eligible lighting equipment is defined in qualified equipment lists posted on the Washington energy efficiency program section of Pacific Power's website.
5. Lighting control incentives ($/kWh) are paid per kWh annual energy savings from the installation of lighting controls as determined by Pacific Power.

LED –Light Emitting Diode
PIR – Passive infrared

Mid-Market Incentives[12]

Measure	Category	Eligibility Requirements	Maximum Incentive[13]
LED	PLC Pin-based Lamp <10 W	LED must be listed on qualified equipment list	Up to $10/Lamp
	PLC Pin-based Lamp ≥ 10 W	LED must be listed on qualified equipment list	Up to $15/Lamp
	PLL Pin-based Lamp	LED must be listed on qualified equipment list	Up to $15/Lamp
	T8 TLED Lamp – Type A, A/B Dual Mode	LED must be listed on qualified equipment list	Up to $10/Lamp
	T8 TLED Lamp – Type B	LED must be listed on qualified equipment list	Up to $15/Lamp
	T8 TLED Lamp – Type C	LED must be listed on qualified equipment list	Up to $25/Lamp
	T5 TLED Lamp	LED must be listed on qualified equipment list	Up to $15/Lamp
	HID Replacement Lamp- <40 W	LED must be listed on qualified equipment list	Up to $50/Lamp
	HID Replacement Lamp- ≥40 and < 80 70 W	LED must be listed on qualified equipment list	Up to $70/Lamp
	HID Replacement Lamp ≥80 70 and < 150 140 W	LED must be listed on qualified equipment list	Up to $90/Lamp
	HID Replacement Lamp ≥150W140W	LED must be listed on qualified equipment list	Up to $110/Lamp
	Wall Pack Fixture	LED must be listed on qualified equipment list	Up to $30/Fixture

Notes for mid-market incentives:

1. ~~Incentives are capped at 70 percent of qualifying equipment costs. Qualifying equipment costs are subject to Pacific Power approval.~~
1.
2. Qualified equipment lists referenced in the above table are posted on the Washington energy efficiency program section of Pacific Power's website.
3. Incentives for measures in this table are available through Pacific Power-approved retailers/distributors or a customer application process.
2. ~~4.~~ Actual incentives will be posted on Pacific Power's website and subject to change with 45 days' notice. ~~-~~Change notices will be prominently displayed on program website and communicated to participating retailers/distributors and Trade Allies.

HID = High Intensity Discharge (~~e.g.~~e.g., high pressure sodium, metal halide)
PLC = Pin Lamp Compact Fluorescent
PLL = Pin Lamp Long Compact Fluorescent
TLED = Tubular Light Emitting Diode
W = Watt

~~[12] Incentives for measures in this table are available through Pacific Power-approved retailers/distributors or a customer application process.~~
~~[13] Actual incentives will be posted on Pacific Power's website and subject to change with 45 days' notice. Change notices will be prominently displayed on program website and communicated to participating retailers/distributors and Trade Allies.~~

Direct Install Incentives

Measure	Category	Eligibility Requirements	Maximum Incentive
Smart Plug Strip	--	1. Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor, electric load sensor, or timer. 2. Applies only to electric plug-load applications with at least 1 device controlled by power strip.	Up to $30/qualifying unit
LED	T8 TLED Lamp – Type A, A/B Dual Mode	LED must be listed on qualified equipment list	Up to $10/Lamp

Notes for Direct Install Incentives

1. Incentives will be set at the full cost of the installed equipment, without exceeding the "up to" amount.

TLED = Tubular Light Emitting Diode

HVAC Check-up Incentives

Measure	Customer Incentive
Maintenance Agreement	$75/RTU
Thermostats	$350/Thermostat
Economizer	$150/RTU
Refrigerant	$35/Ton RTU Capacity

Notes for HVAC Check-up incentives:

Incentives are capped at 70 percent of qualifying equipment costs. Qualifying equipment costs are subject to Pacific Power approval.

RTU – Rooftop Unit