Looking to lower your costs and grow your bottom line? We can help.

WASHINGTON

WATTSMART® BUSINESS

PACIFIC POWER®
POWERING YOUR GREATNESS

Yakima Bindery improved its heating and cooling system and light quality while cutting costs with the help of Pacific Power incentives. Pictured are Lori Froehlich, Pacific Power regional business manager, and Pres Tuesley, Yakima Bindery president and store manager.

TACKLE YOUR ENERGY-SAVINGS PRIORITIES. WATTSMART® BUSINESS MAKES IT EASY

Every business is unique. That's why Wattsmart Business has flexible, streamlined programs built around your needs.

1. Lower your energy bills so your business can grow faster.
2. Improve comfort and productivity with efficiency upgrades
3. Get incentives for system upgrades and new equipment.
4. Shrink your environmental footprint

WATTSMART BUSINESS VENDORS

Wattsmart Business Vendors are local companies—people you may already know. They understand our requirements and processes and can show you the financial benefits of energy upgrades. Premium Vendors specialize in lighting and are identified through their high-quality participation in Wattsmart Business.

Find a vendor on our website by visiting **PacificPower.net/WaIncentives**.

WATTSMART® BUSINESS VENDOR

What's next on your to-do list?

Here are just a few of the incentives available through Wattsmart Business. Discover even more at **pacificpower.net/waincentives**.

SAMPLE OF LISTED INCENTIVES

INCENTIVE LIST	ENERGY-EFFICIENT MEASURES	WATTSMART BUSINESS INCENTIVE*
Interior lighting – retrofits	Full fixture replacement with advanced controls	$0.38/kWh
Motors	HVAC VFD ≤ 100 hp fans and pumps	$81/hp
Heating and cooling	High-efficiency Packaged Terminal Heat Pumps (PTHP)	$62/ton
Food service equipment	Commercial dishwasher	$125 to $1,250
	Electric convection oven	$250
Irrigation	Irrigation pump VFD	$0.24/kWh annual energy savings
Farm/Dairy	Automatic milker takeoffs (retrofit only)	$294 each
Compressed air	VFD controlled compressor ≤ 75 hp	$0.24/kWh annual energy savings

**Incentives are subject to change and approval by Pacific Power. For some measures, incentives are capped at 70% of energy efficiency project costs, and incentives will not be available to reduce the project's simple payback below one year. To see complete incentive lists and details, please visit pacificpower.net/waincentives.*

Help is available for small improvements and routine maintenance, too. Instant incentives for LED lighting are available at the point of purchase from participating instant incentive distributors. Incentives cover up to 70% of the cost of qualifying lamps. Find a participating distributor at **BeWattsmart.com**.

When funds are unavailable from within your organization, securing financing may be your best option. Pacific Power partners with National Energy Improvement Fund, specialists in financing energy-efficiency projects, to help in these situations. This financing solution is provided as a convenience, and customers are free to use any lender of their choice. To learn more, visit **pacificpower.net/financing**.

CUSTOM ANALYSIS AND INCENTIVES

For custom projects beyond the scope of typical upgrades on the incentive lists, our energy experts can help evaluate options, estimate potential savings, and help you make a Wattsmart choice before you make a purchase.

	INCENTIVE	INCENTIVE CAPS*
Custom incentives for qualifying measures not on the incentive list	$0.24 per annual kilowatt-hour savings	70% of project costs and one-year simple payback

**The one-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. To be eligible for energy efficiency project incentives, the project simple payback before incentives must not exceed eight years. Pacific Power may accept a project with a projected payback period in excess of eight years, if project benefits satisfy the Washington Utilities and Transportation Commission's approved cost-effectiveness test as determined by Pacific Power.*

Incentives for the most common new construction upgrades can be found on our lists. If you plan to install unique systems – not on the list – contact us early in your process for a custom analysis.

PUTTING WATTSMART BUSINESS TO WORK FOR YOU

For the bulk of your typical upgrades, you can apply post-purchase either on your own or through a Wattsmart Business Vendor. Lighting retrofits and custom projects require pre-authorization and may require an upfront inspection.

Here is the path to participation for projects like these:

1. YOU SUBMIT AN APPLICATION: After you identify the project(s), your first step is to submit a general application. Applications can be found at **BeWattsmart.com**.
2. WE PROVIDE A PRE-INSPECTION /ENERGY ANALYSIS REPORT: Before you remove existing equipment, we may need to inspect it to establish an energy baseline. Our inspection will identify efficiency options and help you understand the financial benefits of your investment. It is crucial we do this before you purchase anything new.
3. YOU SIGN AN INCENTIVE OFFER: Sign an incentive offer before you purchase equipment. Without a signed offer, you may not be able to receive an incentive.
4. INSTALL YOUR PROJECT: If your project changes, contact us before the completion date in your incentive offer.
5. WE PROVIDE A POST-INSPECTION: We may need to confirm that the new equipment has been installed and is operational. It can be a simple inspection of installed lighting or may require more formal savings verification. The requirements will be in your energy analysis.
6. YOU RECEIVE YOUR CASH INCENTIVE: Congratulations! Within 45 days of final inspection, savings verification and/or receipt of all necessary cost documentation, you will receive your incentive.

SUPPORT FOR SMALL BUSINESSES

Pacific Power's lighting incentive program helps small businesses save energy and money. This incentive covers some of the most common lighting upgrades, such as LEDs and lighting controls.

Participate in five easy steps:

1. Schedule a free facility assessment with an Approved Contractor. Contact us if you need help finding an Approved Contractor.
2. Review and approve lighting proposal and sign incentive application. The Approved Contractor will pass on 100% of the eligible incentive as a credit on their invoice to you and take care of the paperwork.
3. The Approved Contractor will install your new lighting.
4. Pay the Approved Contractor.
5. Enjoy energy savings and better lighting!

Looking for non-lighting incentives? We have enhanced non-lighting incentives for small businesses too. Visit **BeWattsmart.com** for more.

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Beyond incentives

We have additional options for larger businesses that need more than just great cash incentives for capital projects, including tailored guidance and support for the day-to-day energy management of your systems.

ENERGY MANAGEMENT

If you are interested in partnering with Pacific Power to improve energy management in your facilities or industrial processes, contact us for our expertise and a potential incentive of $0.025 per kilowatt-hour (kWh) for verified savings. Contact your account manager, Wattsmart Business project manager or Pacific Power today to get started.

ENERGY PROJECT MANAGER CO-FUNDING

Pacific Power can provide co-funding for you to retain, hire or contract with a dedicated Energy Project Manager. To participate, we will need to identify projects that result in at least 1,000,000 kWh in energy savings through the Wattsmart Business program. You will receive co-funding of an additional $0.025/per kWh saved, up to 100 percent of your Energy Project Manager's salary. To participate, contact your account manager, Wattsmart Business project manager or Pacific Power today.

LEARN MORE AND GET STARTED

- Call us toll free **1-855-805-7231**
- Email wattsmartbusiness@pacificpower.net
- Apply online at **BeWattsmart.com**

Contact us early–before purchasing new equipment–to make sure you're taking full advantage of the valuable incentives available to you.

Pictured from left: Bill Clemens, regional business manager, Pacific Power, with Joshua Wood, hospitality manager, Basel Cellars.

BASEL CELLARS WINERY & RESORT

Basel Cellars completed an extensive LED lighting upgrade at their Walla Walla location. They reduced maintenance costs and bottled up $5,760 in annual energy-savings by partnering with Pacific Power.

INCENTIVES FOR LIGHTING (RETROFITS)

CATEGORY	ELIGIBILITY REQUIREMENTS		CUSTOMER INCENTIVE
Interior Lighting	Full fixture replacement	With upgrade to advanced controls	$0.38/kWh
		With upgrade to basic controls	$0.32/kWh
		Without controls upgrade	$0.29/kWh
	Fixture retrofit kits	With controls upgrade to basic or advanced networked lighting controls	$0.29/kWh
		Without controls upgrade	$0.23/kWh
	Lamp replacement	Lamp-only replacements	See instant incentives for lighting
	Controls-only retrofit	Controls-only upgrade to advanced networked lighting controls	$0.38/kWh
		Controls-only upgrade to basic controls	$0.29/kWh
Exterior Lighting	Full fixture replacement (except street lighting)	With upgrade to advanced dimming controls	$0.18/kWh
		Without controls upgrade	$0.10/kWh
	Fixture retrofit kits (except street lighting)	With upgrade to advanced dimming controls	$0.12/kWh
		Without controls upgrade	$0.09/kWh
	Lamp replacement (except street lighting)	Lamp-only replacements	See instant incentives for lighting
	Street lighting	With upgrade to advanced dimming controls	$0.12/kWh
		Without controls upgrade	$0.09/kWh
	Controls-only retrofit	Controls-only upgrade to advanced dimming controls	$0.12/kWh
Non-general Illuminance	LED case lighting – refrigerated case	LED replacing fluorescent lamp in existing refrigerated cases. LED must be listed on qualitfied equipment list.	$14/linear foot
	LED case lighting – freezer case		$14/linear foot
	Refrigerated case occupancy sensor	Installed in existing refrigerated case with LED lighting	$1.50/linear foot
Controlled Environment Agriculture (CEA)	Full fixture replacement	With or without controls upgrade	$0.20/kWh
	Lamp replacement	Lamp-only replacements with or without controls upgrade	See instant incentives for lighting
Custom Lighting	Custom	Not listed above	$0.11/kWh

Notes for lighting retrofit incentives:

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced of 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 70% 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 in the **Washington lighting catalog**.
5. A complete list of lighting equipment not eligible for retrofit incentives is available in the **Washington lighting catalog**.

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INCENTIVES FOR LIGHTING (NEW CONSTRUCTION/MAJOR RENOVATION)

MEASURE	CATEGORY	ELIGIBILITY REQUIREMENTS	CUSTOMER INCENTIVE
Interior Lighting	Troffer	Product must be listed on qualified equipment list. Products must be installed in facilities where energy code applies.	$14/fixture
	Linear ambient		$14/fixture
	High bay		$30/fixture
	Other fixtures (not listed above)		$0.74 /fixture wattage
	Advanced networked lighting controls		$1.20/W controlled
	Custom interior lighting	Products must be installed in facilities where energy code does not apply	$0.10/kWh annual energy savings
Controlled Environmental Agriculture (CEA)	LED fixture	Product must be listed on qualified equipment list. Products must be installed in facilities where energy code does not apply.	$0.12/kWh

Notes for new construction/major lighting incentives:

1. Project cost caps of 70% and one-year simple payback caps apply to new construction and major renovation projects that are not subject to state energy code. The one-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 to 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 in the **Washington lighting catalog**.

INCENTIVES FOR MOTORS

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 motor incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. 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/horsepower is paid by the service center to the customer as a credit on the motor rewind invoice. The balance is retained by the service center.

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

INCENTIVES FOR HVAC EQUIPMENT

			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)	Full fixture replacement (except street lighting)	Split system and single package	--	CEE Tier 2	CEE Advanced Tier
	Fixture retrofit kits (except street lighting)	Split system and single package	--	Must exceed 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	--	Energy Star	--
	< 65,000 Btu/hr (three phase)	Split system and single package	--	Energy Star	--
	≥ 65,000 Btu/hr and < 240,000 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)	--	Energy Star	--
	< 65,000 Btu/hr (three phase)	Split system and single package (See note 3)	--	Energy Star	--
	≥ 65,000 Btu/hr and < 240,000 Btu/hr (three phase)	(See note 3)	--		--

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			MINIMUM EFFICIENCY REQUIREMENT & CUSTOMER INCENTIVE		
EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	$31/TON	$62/TON	$93/TON
Heat Pumps, Water-Source (Cooling mode)	< 135,000 Btu/hr	See note 3	--	CEE Tier 1	--
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 SEER and 16 EER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr		--	--	10.9 SEER and 15.4 EER
	> 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	--	--	12.2 EER and 3.4 COP	--
	≥ 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	--	--	2.05 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® certified	--
Ground-Source or Groundwater-Source Heat Pump Loop	All sizes	Open loop	$31/ton	--	--
		Open loop			

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			MINIMUM EFFICIENCY REQUIREMENT & CUSTOMER INCENTIVE	
EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	$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	--
			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 incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
4. Equipment size categories are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units < 65,000 Btu/hr, AHRI Standard 340/360 for units ≥ 65,000 Btu/hr, 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 the Washington energy efficiency program section at **pacificpower.net/wattsmart**.
7. Equipment must meet CEE part load efficiency requirements (SEER/SEER2 or IEER/IEER2). Equipment does not need to meet CEE full load efficiency requirements (EER/EER2), as long as the part load efficiency requirement is also specified for the equipment in CEE. If CEE only lists full load efficiency (EER/EER2), 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
COP = Coefficient of Performance
EER = Energy Efficiency Ratio
HVAC = Heating, Ventilation and Air-Conditioning
PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio
VRF = Variable Refrigerant Flow
CEE = Consortium for Energy Efficiency
CTA = Consumer Technology Association
HSPF = Heating Seasonal Performance Factor
IEER = Integrated Energy Efficiency Ratio
PTAC = Packaged Terminal Air Conditioner
TSPR = Total System Performance Ration

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INCENTIVES FOR OTHER HVAC EQUIPMENT AND CONTROLS

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 the summer months	365/366 day thermostatic or occupancy-based set back capability	$187/thermostat
Occupancy-based PTHP/PTAC Control (Retrofit only)	All sizes with no prior occupancy-based control	--	See note 4	$62/controller
Evaporated 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	Must be installed in existing unitary packaged rooftop units (no split systems) with constant speed supply fans.	Controls must include: - Either a supply fam VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs - Digital, integrated economizer control	$500
	≥ 5 tons and ≤ 10 tons			$2,900
	> 10 tons and ≤ 15 tons			$3,900
	> 15 tons ≤ 20 tons			$5,400
	> 20 tons			$6,000
Advanced Rooftop Unit Control (Existing RTU, demand-controlled ventilation only)	< 5 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	$350
	≥ 5 tons and ≤ 10 tons			$625
	> 10 tons and ≤ 15 tons			$750
	> 15 tons and ≤ 20 tons			$875
	> 20 tons			$1,000
Advanced Rooftop Unit Control (New RTU)	< 5 tons	Must be installed on unitary packaged rooftop units (no split systems)	Controls must include: - Either a supply fan or VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs - Digital, integrated economizer control	$200
	≥ 5 tons and ≤ 10 tons			$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	

(continued)

Notes for HVAC equipment and controls incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives 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 70% 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

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

INCENTIVES FOR HVAC EQUIPMENT (NEW CONSTRUCTION/MAJOR RENOVATION)

MEASURE	ELIGIBILITY REQUIREMENTS	CUSTOMER INCENTIVE
HVAC System	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 HVAC equipment incentives for new construction/major renovation projects:

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.
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 Ration

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INCENTIVES FOR EVAPORATIVE COOLING

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)
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 3)

Notes for evaporative cooling incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives are paid at $0.18/kWh annual energy savings. IDEC energy savings subject to approval by Pacific Power.
3. Incentives for evaporative pre-coolers are capped at 70% 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.

cfm - cubic feet per minute
IDEC - Indirect-Direct Evaporative Cooling
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump

INCENTIVES FOR BUILDING ENVELOPE (RETROFITS)

EQUIPMENT TYPE	CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Cool Roof	--	ENERGY STAR® 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 notes 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 building envelope retrofit incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for building 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

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INCENTIVES FOR BUILDING ENVELOPE (NEW CONSTRUCTION/MAJOR RENOVATION)

EQUIPMENT TYPE	CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Windows (See notes 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 incentives for new construction/major renovation projects:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for envelope incentives.
3. 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

INCENTIVES FOR FOOD SERVICE EQUIPMENT

EQUIPMENT TYPE	EQUIPMENT CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Commercial Dishwasher (High temperature models with electric boosters)	Under counter	ENERGY STAR® 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	$400
	Full size		$857
	Half size		$250
Electric Convection Oven	Full size or half size	ENERGY STAR certified	$250
Electric Griddle	Single-sided	ENERGY STAR Tier 2 certified	$400
Electric Combination Oven	3-40 pans	ENERGY STAR certified	$650
Demand Controlled Kitchen Ventilation Exhaust Hood	Must be installed on commercial kitchen, exhaust system	Variable speed motors must be controlled to carry 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

See Appliances and Lighting sections for additional incentives.

Notes for food service equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. 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 70% 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.

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INCENTIVES FOR APPLIANCES

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	$300
Heat Pump Water Heater	Residential (used in a business)	NEEA Tier 3 or higher	$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	

See Appliances and Lighting sections for additional incentives.

Notes for appliance incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Equipment must meet the efficiency rating standard that is in effect on the date of purchase.
3. Refer to 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 OTHER ENERGY EFFICIENCY MEASURES

EQUIPMENT TYPE	REPLACE	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Engine Block Heather Control	No existing control	Controller must function thermostatically and be compatible with 110-volt, single-phase resistance immersion heaters. In addition, controller must be permanently installed through hard-wiring or engine-mounting. This incentive is only available for buses, delivery vehicles, and mass transit vehicles. Facilities with existing engine block heater controllers are not eligible for this incentive.	$120/qualifying unit

Notes for other energy efficiency measures:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.

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 or rotating sprinkler	Rotating sprinkler	1. Fixed in-place (solid set) systems not eligible. 2. Incentives 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. Fixed-in-place (solid set) systems not eligible. 2. 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 each
New gasket replacing leaking gasket, including main line valve or section gasket, seal or riser cap (dome disk)	Leaking gasket	New gasket, including main line valve or section gasket, seal or riser cap (dome disk)	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 gasket must replace leaking drain. 2. Fixed-in place (solid set) systems not eligible 3. Incentive limited to two drains per irrigated acre.	$2 each
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

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IRRIGATION INCENTIVES FOR PIVOT AND LINEAR WATER DISTRIBUTION SYSTEMS (RETROFIT ONLY)

IRRIGATION MEASURE	REPLACE	WITH	LIMITATIONS	CUSTOMER INCENTIVE
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 70% 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.	$0.24/kWh annual savings

Notes for irrigation incentives:

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. 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

INCENTIVES FOR FARM AND DAIRY ENERGY EFFICIENCY MEASURES

EQUIPMENT TYPE	EQUIPMENT CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	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
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.	$0.24/kWh annual 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.	$0.24/kWh annual 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. 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

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Notes for farm and dairy incentives:

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 70% of the 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
cfm = cubic feet per minute
hp = horsepower
VFD = Variable Frequency Drive
W = Watt

INCENTIVES FOR COMPRESSED AIR

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 hp, not counting backup compressor(s) 2. Trim compressor must use load/unload control, not inlet modulation or on/off control construction projects are eligible. 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 or reduced demand	$2.50/scfm
VFD Controlled Compressor	Fized-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	$0.24/kWh annual 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

(continued)

Notes for compressed air incentives:

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 70% 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

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/kWh annual 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/kWh annual savings
Wastewater – Low Power Mixer	Excess aeration capacity	Extended range circulator	$0.24/kWh annual savings

Notes for wastewater and other refrigeration incentives:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Incentives are capped at 70% in 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.