

Get incentives for greenhouse and nursery upgrades that save energy and money

Energy prices are rising, so it makes more sense than ever to invest in energy-efficient greenhouse and nursery equipment. A heated greenhouse could save 30 percent in natural gas by reglazing alone. Irrigation upgrades can save 10–35 percent in electricity and save water at the same time.

To make improvements affordable, Energy Trust of Oregon offers rebate style and custom incentives. Oregon customers of Portland General Electric, Pacific Power, NW Natural and Cascade Natural Gas are eligible to participate.



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REDUCE GREENHOUSE AND NURSERY ENERGY COSTS

Rebates

Cash in on rebates after you purchase the following replacement equipment:

Heating system rebates:

- Infrared polyethylene greenhouse cover—\$0.02/square foot
- Condensing unit heater—\$5/kBtu/hr input
- Radiant heating, modulating—\$10/kBtu/hr input
- Radiant heating, non-modulating—\$6.50/kBtu/hr input
- Thermal curtain—\$0.30/square foot
- Under bench heating—\$1.05/square foot
- Pipe insulation—\$2/foot
- Greenhouse controllers—\$0.10/square foot

Sprinkler rebates for mobile systems*:

- Rotating type sprinklers that replace worn sprinklers—\$4 per sprinkler
- Rebuilt or new impact sprinklers to replace worn sprinklers—\$3.75 per sprinkler
- New nozzle for impact sprinkler that replaces existing worn nozzle—\$1.50 per nozzle
- Drains for wheel lines, hand lines, or pivot systems—\$1 per drain
- Gaskets for wheel lines, hand lines, or portable main lines—\$2.75 per gasket
- Cut and pipe press repair of leaking hand lines, wheel-lines and portable main-lines—\$10 per section

*See Form 420 IR for the complete list.

Lighting:

Energy Trust offers incentives for lighting upgrades (interior and exterior facility lighting, and high intensity crop operations). For more information about lighting projects, call 503.939.9383.

Calculated incentives

Calculated incentives are based on estimated annual energy savings. We offer \$0.25 per kilowatt hour, or \$2 per therm, up to 50 percent of the project's installed costs.

Project pre-approval required for calculated incentives. Project must be approved prior to purchase to receive an Energy Trust incentive.

Greenhouse reglazing

Replacing the glazing material can reduce heating costs by as much as 30 percent and increase the light that gets to your plants, making them grow faster and stronger.

Heating system upgrades

Upgrading to energy-efficient heating systems such as high efficiency boilers, thermal curtains and hot water heating can save as much as 50 percent on your heating costs.

Irrigation system improvements

Converting to low pressure systems or drip irrigation systems can save you energy and water.

Irrigation pump—variable frequency drive

A variable frequency drive maintains the desired pressure and flow by controlling the pump speed, rather than throttling the discharge flow or using a bypass to maintain target flow conditions.

UPGRADE TODAY

Contact your Energy Trust approved greenhouse or irrigation vendor for more information on rebates and custom incentives. Your vendor can help you identify the most cost-effective improvements and apply for cash incentives.

For a complete list of approved vendors, or to download the Premium Irrigation Incentive Application (Form 420 IR) or the Efficient Greenhouse—Incentive Application (Form 420 NG), visit www.energytrust.org/ag or call **503.928.3154**.

Energy Trust of Oregon is an independent nonprofit organization dedicated to helping utility customers benefit from saving energy and generating renewable power. Our services, cash incentives and energy solutions have helped participating customers of Portland General Electric, Pacific Power, NW Natural and Cascade Natural Gas save on energy costs. Our work helps keep energy costs as low as possible, creates jobs and builds a sustainable energy future.

Energy Trust provides technical assistance and financial incentives for energy systems or equipment that meet its program criteria, but does not install energy systems or equipment, nor does it guarantee any specific energy savings through its assistance or programs. Installation work is done by independent businesses that are solely responsible for the quality and performance of their installations.