

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% in natural gas by reglazing alone. Irrigation upgrades can save 10–35% in electricity and save water at the same time.

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



Plants grow in a retrofitted greenhouse at Little Prince of Oregon nursery, Aurora

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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—\$0.08/square foot
- Condensing unit heater—\$13.75/kBtu/hr input
- Radiant heating, modulating—\$2.25/kBtu/hr input
- Radiant heating, non-modulating—\$1.25/kBtu/hr input
- Thermal curtain—\$1.15/square foot
- Under bench heating—\$2.15/square foot
- Pipe insulation—\$25/foot
- Greenhouse controllers—\$0.40/square foot

Sprinkler rebates for mobile systems:

- Rebuilt or new impact sprinklers to replace worn sprinklers—\$13.00 per sprinkler
- New nozzle for impact sprinkler that replaces existing worn nozzle—\$0.80 per nozzle
- Drains for wheel lines, hand lines, or pivot systems—\$3.75 per drain
- Gaskets for wheel lines, hand lines, or portable main lines —\$2 per gasket
- And more! Visit <https://www.energytrust.org/incentives/agriculture-sprinklers-nozzles-and-gaskets/>

Lighting:

Energy Trust offers incentives for lighting upgrades (interior and exterior facility lighting, and horticultural grow operations). For more information about lighting projects, email lighting@energytrust.org or call 1.800.326.2917.

Calculated incentives*

Calculated incentives are based on estimated annual energy savings. Contact the program before getting started on a calculated project. We offer \$0.45 per kilowatt hour saved, up to 90% of the project's installed costs or \$5 per therm saved, up to 90% of the project's installed costs.

Greenhouse reglazing

Replacing the glazing material can reduce heating costs by as much as 30% 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 and/or thermal curtains can save as much as 50% 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. Variable frequency drives save energy, extend equipment life, and conserve water.

UPGRADE TODAY

Visit www.energytrust.org/ag to learn more about available incentives for greenhouse and irrigation upgrades and to access incentive applications.

If you have questions or need help finding a vendor to identify cost-effective improvements in your operation, contact a program representative at production@energytrust.org or **1.866.202.0576**.

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, Cascade Natural Gas and Avista 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.