

Horticulture Lighting Incentives

Production Efficiency | Information Sheet | PI 490_{HL}



Incentives for Energy Efficient Horticulture Lighting (Effective April 1, 2024)

Energy Trust offers cash incentives to help you implement qualifying energy efficient lighting measures in eligible horticulture operations. If you are interested in applying for incentives, contact us using the information located at the bottom of the page.

To apply for lighting incentives, projects must (1) be submitted to Energy Trust by a Business Lighting trade ally for review and pre-qualification before any equipment purchase or installation activity begins; and (2) be pre-qualified for at least \$100 in incentive funding.

Only approved trade allies can offer Energy Trust's Business Lighting incentives to their customers for qualifying measures. All proposed lighting projects must be submitted by an enrolled Energy Trust Business Lighting trade ally in accordance with program participation requirements.

It is important that you contact us for a project review before making purchases or taking other steps that may cause your project to be ineligible for incentives. Additional eligibility requirements apply. Program details, including incentives, are subject to change and budget availability. To learn more about Energy Trust's available offers and incentives, visit our website at www.energytrust.org.

Horticulture Lighting Product Specifications

Proposed lighting products must be new, purchased direct from the manufacturer or manufacturer's authorized reseller. Products must be listed on the Qualified Products List for Horticulture Lighting at Design Lights Consortium (DLC):

Horticulture Lighting Project Requirements

The following requirements apply to horticulture lighting projects:

- Business must be registered with the State of Oregon and on the active business registry.

Energy efficiency measures must be installed in a permanent structure (no trailers or spaces that can be moved or relocated).

- Site is on an eligible rate schedule with Portland General Electric or Pacific Power. If services are still pending, please contact Energy Trust.

Facility's primary use is industrial in nature (examples of eligible facilities include agriculture operations, grow or processing warehouse or plants, etc. Residential sites are excluded).

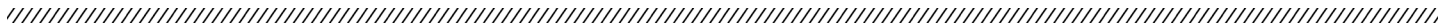
- Site may be verified prior to ordering or purchasing materials and after installation.
- Proof of Oregon Liquor Control Commission (OLCC) license is required for recreational cannabis producers. If OLCC license is still pending, additional documentation will be required to apply for or receive any incentives.
- Manufacturer or authorized reseller quote(s) itemizing price per fixture must be provided when the proposed project is submitted for review.
- Required project cost documentation for horticultural lighting projects may include, but is not limited to, copies of associated purchase order(s) and project invoice(s) itemizing equipment and installation labor costs, and (when applicable) project financing or other external project funding agreement(s).

Project must meet all other applicable Business Lighting requirements -see **PI 190L: Program Information sheet** for additional information.

Section 1	Horticulture Lighting Incentives
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Incentives for horticulture and cannabis process lighting are considered custom incentives. To be eligible for custom incentives, proposed custom lighting measures must be reviewed and pre-qualified in advance by Energy Trust and must also pass a custom cost-effectiveness analysis.

- Custom incentives for horticulture and cannabis process lighting will be calculated as 50% of total eligible measure cost up to 20¢ per kWh saved, or a maximum of \$500 per fixture, whichever calculation is lower.
- Eligible measure costs: contact the program for additional information about how Energy Trust calculates eligible measure costs, including incremental and/or fixture costs.
 - When retrofitting existing lighting equipment that is in operation with new energy efficient equipment, Energy Trust calculations will use fixture costs (measure equipment and labor). To qualify, the lighting upgrade or removal of existing fixtures may not begin until an on-site pre-verification has been completed by Energy Trust.
 - When installing new equipment where none exists, Energy Trust will use incremental fixture costs only.



Section 2

Allowable Standard Hours and Wattage Set Points

Allowable standard hours are used by Energy Trust for Lighting Tool energy analysis for grow rooms and represent the maximum amount of time that horticultural lighting is typically operated in a registered grow space. The allowable standard hours are the maximum operating hours allowed in the program, but all stated hours should represent actual operation and, for retrofit applications, should be supported by billing data. Below are the allowable standard hours, for program purposes, per grow room:

- **Cannabis Lighting:**
 - **Flower Room:** 12 hours/day 7 days a week / 4,380 Annual Hours
 - **Full Cycle Room:** 15 hours/day 7 days a week / 5,475 Annual Hours
 - **Veg or Mother Room:** 18 hours/day 7 days a week / 6,570 Annual Hours
 - **Clone Room:** 24 hours/day 7 days a week / 8,760 Annual Hours
 - **Greenhouse:** Lights Supplement / Provided by the grower Default to 2,118 Annual Hours to extend shorter days in the year
 - Supplemental to daylight
- **Other Food and Decorative Plants Lighting:** Hours and light levels dependent on production crop; grower or manufacturer will provide industry standard specifications appropriate to the crop.
- **Indoor and Greenhouse Lighting:** Existing and proposed wattage will default to the input watts at 100%

Advance review and pre-qualification will be required. Please contact lighting@energytrust.org for further details.