

Horticulture Lighting Incentives

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



Incentives for Energy Efficient Horticulture Lighting (Effective January 16, 2025)

Energy Trust offers cash incentives to help you implement qualifying energy efficient lighting measures in eligible horticulture operations. **To apply for lighting incentives, projects must be submitted to Energy Trust by an enrolled Business Lighting trade ally for review and pre-qualification before any equipment purchase or installation activity begins.** It is important that your project is pre-qualified before making purchases or taking other steps that may cause your project to be ineligible for incentives.

Find a Business Lighting trade ally at: <https://www.energytrust.org/find-a-contractor/>

Additional eligibility requirements apply. Program details, including incentives, are subject to change and budget availability.

Contact us at lighting@energytrust.org for more information.

Learn more about Energy Trust's available offers and incentives, at www.energytrust.org.

Section 1

Horticulture Lighting Product Specifications and Project Requirements

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

- 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 require onsite verification prior to ordering or purchasing materials and after installation.

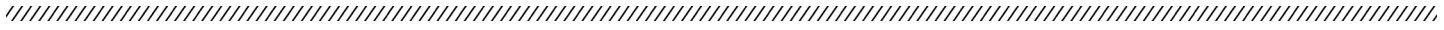
Documentation Requirements

- 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).
- Manufacturer or authorized reseller quote(s) itemizing price per fixture must be provided when the proposed project is submitted for review.
- Proof of license:
 - Recreational Cannabis: Oregon Liquor Control Commission (OLCC) license is required. If OLCC license is still pending, additional documentation will be required to apply for or receive any incentives.
 - Medical Cannabis: Valid Medical Marijuana Card is required
 - Horticulture & Hemp: Valid ODA license is required
- Lighting Tool: Excel calculator used to submit horticulture projects

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

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Section 2	Horticulture Lighting Incentives
<p>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 by Energy Trust and must also pass a cost-effectiveness analysis.</p> <p>Custom incentives for horticulture and cannabis process lighting will be calculated as 50% of total eligible measure cost up to 15¢ per kWh saved, or a maximum of \$350 per fixture, whichever calculation is lower.</p> <p>Eligible measure costs</p> <ul style="list-style-type: none">• 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.• Energy Trust makes final determination of eligible project costs. <p>Contact the program for additional information about how Energy Trust calculates eligible measure costs, including incremental and/or fixture costs.</p>	

Section 32	Hours of Operation and Wattage Set Points																		
<p>Energy Trust's Lighting Tool energy analysis is based on actual hours of operation. For retrofit applications, operating hours should be supported by billing data.</p> <p>Cannabis Lighting</p> <p>Energy Trust uses allowable standard hours as the maximum operating hours for cannabis grow rooms. These standard hours represent the maximum amount of time that horticultural lighting is typically operated in a registered grow space.</p> <table border="1"><thead><tr><th colspan="3">Allowable Standard Maximum Operating Hours for Grow Room Types</th></tr><tr><th>Grow Room Type</th><th>Allowable Hours</th><th>Annual Hour Equivalent</th></tr></thead><tbody><tr><td>Flower Room</td><td>12 hours/day 7 days a week</td><td>4,380</td></tr><tr><td>Veg or Mother Room</td><td>18 hours/day 7 days a week</td><td>6,570</td></tr><tr><td>Clone Room</td><td>24 hours/day 7 days a week</td><td>8,760</td></tr><tr><td>Greenhouse</td><td>Extends shorter days; supplements daylight</td><td>2,118</td></tr></tbody></table> <p>Other Food and Decorative Plants Lighting</p> <p>Operating hours and light levels are dependent on production crop. Grower or lighting manufacturer will provide industry standard specifications appropriate to the crop.</p> <p>All Indoor and Greenhouse Lighting</p> <p>Existing and proposed wattage will default to the input watts at 100%.</p>		Allowable Standard Maximum Operating Hours for Grow Room Types			Grow Room Type	Allowable Hours	Annual Hour Equivalent	Flower Room	12 hours/day 7 days a week	4,380	Veg or Mother Room	18 hours/day 7 days a week	6,570	Clone Room	24 hours/day 7 days a week	8,760	Greenhouse	Extends shorter days; supplements daylight	2,118
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