

Savings for Indoor Growing in Controlled Environments

Efficient cultivation equipment provides a cost-effective way to extend the Vermont growing season.

Energy efficient equipment for greenhouses, indoor growing, and processing facilities helps build a stronger local food system and increases profitability through:

- ✓ **Enhanced Production**
- ✓ **Lower Energy Costs**
- ✓ **Optimized Staff Time and Labor Costs**

Incentive Offers

- ✓ **Thermal Curtains:** \$0.50/sq ft
Eligibility requirements apply – greenhouse must be heated
- ✓ **Controllers for Lighting, Heating, Venting:** Up to \$0.10/sq ft
Eligibility requirements apply – greenhouse must be heated
- ✓ **Pipe Insulation/Other Air Sealing:** \$2-\$3/mmbtu saved
Eligibility requirements apply – greenhouse must be heated
- ✓ **Custom:** Based on your farm's needs, customized rebates are also available to help pay for
 - **Greenhouse Coverings** (polyethylene, polycarbonate, infrared film)
Eligibility requirements apply – greenhouse must be heated
 - **LEDs for Indoor Growing** (up to 50% per fixture)
 - **Heating System Upgrades** (In-ground or under-ground bench heating, wood pellet systems, heat pumps, geothermal heat pumps)
New systems and replacements are eligible
- ✓ **Bundling Bonus** Additional incentives for installing more than one efficient technology

Energy efficiency can be used to build a more resilient and sustainable local farming industry. Efficiency Vermont is here to help farmers find the best solutions, that balance profitability and efficiency.



Other ways to save

- Refrigeration systems for product storage and post-harvest processing
- Improve your hemp drying process with technical assistance and customized rebates

Get started today

Pair with Business Energy Loan for no upfront cost

- Take advantage of low 3.5-5.5% interest rates for 3-10 year loans
- For a limited time, your first 4 payments are deferred; 5th payment is interest only

Contact us to discuss your project:

1-855-317-2254

Rebate offers subject to change.

Start Date: **June 1, 2020**

20 Winooski Falls Way, 5th Floor
Winooski, VT 05404
1-855-317-2254
efficiencyvermont.com

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Customer Story

Jericho Settlers Farm | Jericho, Chittenden County



“The great thing about working with Efficiency Vermont is that all the knowledge is there. You don’t have to figure it out from scratch—all you have to do is ask.”

-CHRISTA, JERICO SETTLERS FARM

💰 Saving \$13,400 per year in energy costs

Jericho Settlers Farm is a thriving diversified, organic farm with a large number of wholesale clients as well as CSA, farmers market offerings, and a farm stand.

“We wanted to commit to year-round production, but knew it would increase our energy demand,” says Christa. “The great thing about working with Efficiency Vermont is that all the knowledge is there. You don’t have to figure it out from scratch—all you have to do is ask.”

Projects Completed by Jericho Settlers Farm

- ✓ **Greenhouse controllers** to optimize conditions in the greenhouse to only heat and ventilate when necessary. Maintaining consistent temperatures and air flow in the greenhouse increases plant productivity and reduces the amount of time staff spend checking temperatures and adjusting fans and vents
- ✓ **Advanced refrigeration technologies** including evaporator fan controls, efficient motors, and some simple strip curtains over cooler entrances allows the farm to use far less energy than with a conventional set-up
- ✓ **Heat recovery unit** to capture waste heat released from their produce cooler’s refrigeration system, then directs that excess heat into a storage area used for onions, squash, and garlic. The heat is used to cure—or slowly dry—these crops so they will keep well through the winter.
- ✓ **Wood pellet boiler** to help with growing nearly year-round. They sell produce when it is in high demand, by growing greens in the fall and early winter and then getting tomatoes to market in early spring—without relying too much on propane.

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