



The biggest challenge in reducing energy use in your greenhouse is knowing where to start. Consumers Energy is here to help.

The business energy efficiency team will guide you, providing a simplified, hassle-free process.

Consumers Energy
Agriculture Energy Efficiency Programs
Phone: 877-607-0737
Website: ConsumersEnergy.com/agriculture

Greenhouse Savings

We are dedicated to helping Michigan businesses save energy and lower operating costs. We offer significant rebates when you upgrade to energy-efficient products that lower your monthly energy bills. Take a look at two easy ways greenhouses save.

1. North Central SARE



Agriculture

Save Some Green for Your Greenhouse



Install Greenhouse Infrared Anti-Condensate Film

Greenhouse 6-mil. infrared film keeps your greenhouses warm during the day and slows heat loss at night, which saves you money and energy.

Benefits:

- IR properties absorb and re-radiate infrared heat back down to the crop during evening hours.
- High light diffusion supports uniform plant growth.

Energy costs:

- Save up to 20%.*

Heat loss:

- Save up to 30%.

Most beneficial for:

- Greenhouses
- Nurseries
- Horticultural conservatories

Qualified Products:

- 6-mil. double-layer, inflated, infrared, anti-condensate, polyethylene film.*

Available Incentive:

- \$0.15/sq. ft. of greenhouse floor space.

*Only for greenhouse owners who are Consumers Energy natural gas customers.



Add Heat Curtains

Regulate heat gain during the day and heat loss at night with heat curtains and improve your overall greenhouse efficiency.

Benefits:

- Screen fabric is not exposed to outside elements and requires minimal upkeep.
- Less air space to heat.

Energy costs:

- Air space above the curtain provides excellent insulation.
- Save up to 50% on your heating bill.*⁽¹⁾

Heat loss:

- Nighttime reductions from 20–75%. ⁽¹⁾
- Summer shading reduction from 15–99.9% (blackout). ⁽¹⁾

Most beneficial for:

- Greenhouses
- Botanical gardens
- Horticultural conservatories

Qualified Products:

- Shade curtain is intended for heat retention in an existing natural gas heated commercial growing greenhouse for agricultural use.*

Available Incentive:

- \$0.25/sq. ft. of greenhouse floor space.

*Only for greenhouse owners who are Consumers Energy natural gas customers.

Deep Annual Savings for Greenhouse Owners

Experience energy savings and generate rebate dollars like the four greenhouse owners below did by installing greenhouse IR/AC film, thermal curtains, LED grow lights, environmental controls and more.

Lowered energy bill by: \$6,232

Rebate amount: \$13,000

Electric savings: 3,232 kWh

Natural gas savings: 1,299 Mcf

Lowered energy bill by: \$115,000

Rebate amount: \$125,000

Electric savings: 876,304 kWh

Natural gas savings: 2,353 Mcf

Lowered energy bill by: \$8,307

Rebate amount: \$25,000

Natural gas savings: 1,846 Mcf

Lowered energy bill by: \$2,994

Rebate amount: \$16,000

Electric savings: 1,616 kWh

Natural gas savings: 1,067 Mcf

