

Grow better and save more

For growers of cannabis, food, hemp and decorative plants, crop yield and quality come first. New energy efficient lighting options can take those goals further by helping you save on energy costs. The DTE Energy Grow Energy Efficiently Pilot Program offers incentives that make lighting upgrades a smart investment.

A healthy crop of savings

New lighting technologies, including LEDs and lighting controls, have been developed specifically to enhance the grow environment and lower energy costs. DTE helps you identify the best products for your business that also qualify for incentives. Your upgrade investment can be paid back through energy savings in an average of three years.

Bonus incentives available

- New construction or major renovation (new grow operations) up to 15 cents per lighting kWh saved
- Replace or retrofit existing to LED (existing grow operations) up to 15 cents per lighting kWh saved

Other incentives may be available for non-lighting applications. Call 947.200.1131 to discuss your options.

Calculate the opportunities

In addition to incentives on qualifying energy-efficient products, DTE provides technical and participation support. Energy specialists help you calculate energy use and costs, develop estimates and identify incentives with our proven lighting tool. They also provide recommendations for products, contractors, manufacturers and best practices for growing your products with LED lighting.





Benefits

- Increase yield and quality
- Reduce operating costs
- Improve profitability and competitiveness
- Reduce payback on investment with incentives
- Reduce lighting maintenance and repair costs

Eligibility

Participants must be a DTE Energy electric customer in good standing.

If you currently have an application in any of the DTE Commercial and Industrial Energy Efficiency Programs, you are not eligible for this program.

To learn more

Call 947.200.1131

Email grow.dteenergy@evergreen-efficiency.com

Visit grow.dteenergy.com



Retrofit Example: Flower Room Upgrade

A business with a 3,500-square-foot grow room wants to upgrade its 218, 1,000-watt high pressure sodium grow lights. A proposed replacement of all 218 fixtures with 640-watt LED grow lights will save the grower an estimated 439,000 kilowatt-hours of electricity annually, reducing future energy costs. Estimated incentives of \$65,884 cover 30% of the grower's upfront expenses, with a simple payback of less than four years.

Project:	218, 640-watt LED grow lights, 12 hours per day operation
Cost:	\$218,000 (\$1,000 per fixture)
Estimated annual energy savings	439,226 kWh
Estimated incentive:	\$65,884 (\$.15 per kWh saved)
Estimated annual energy cost savings:	\$43,922.60
Simple payback:	3.46 years

LEDs produce less heat and reduce energy needed to cool the space, which can reduce the payback with no additional costs. Plus, LED technology reduces lighting maintenance costs associated with existing high intensity discharge (HID) lamps.