

**FACT SHEET**

## Advanced Lighting Controls Program

### Special incentive is available for ALC installations

DTE Energy is offering a special incentive for the installation of Advanced Lighting Controls (ALC) in small- and medium-sized commercial and industrial buildings.

As part of the three-year Michigan **LITES** (Lighting Technology Energy Solutions) initiative, DTE is offering an incentive of **\$0.12 per kWh reduced\*** up to \$5,000 per location, per year for custom projects involving ALC systems.

**A Reservation Application is required** and the document can be used for both a Reservation **and** a Final Application. To request an Application, contact our office (right).

- The installation site must be no larger than 100,000 square feet.
- The project cannot be New Construction; however, it can be a Major Renovations project that involves a change of use.
- Only networked lighting controls using DesignLights Consortium<sup>®</sup>-required capabilities can be used. The DLC Product ID for each piece of equipment must be entered in the Application.

\*Incentives for LED fixture replacements must be applied for in the Main Program Application.



### Watch for ALCS Trainings

In addition to the ALC incentive being offered, DTE will be hosting periodic training workshops on the program for Trade Allies that already participate in the **DTE Energy Efficiency Program for Business**. These workshops will offer classroom and hands-on training on installation methods and on sales tools designed to help Trade Allies educate DTE customers on the advantages of the latest ALC systems. Trade Allies must participate in this training, or training offered through **MALCTP** in order to pass along incentives to their customers.

**For training information or to get an Application, contact us**

Email: [saveenergy@dteenergy.com](mailto:saveenergy@dteenergy.com) RE: *Advanced Lighting Controls*  
Phone: **866.796.0512** (option 3) Mention: *Advanced Lighting Controls*



About



The Lighting Technology Energy Solutions (**LITES**) program is a three-year Michigan initiative supported by the Department of Energy (DOE).

It was created to reduce the energy footprint in small- and medium-sized commercial buildings across the state by accelerating the adoption of advanced lighting controls solutions through training and technology deployment.

About



Founded in 2002 as nonprofit organization, NextEnergy is one of the nation's leading accelerators of advanced energy and transportation technologies, businesses and industries.

NextEnergy drives technology demonstration and commercialization, delivers industry and venture development services and provides an authoritative voice in the public sector.



About



The Michigan Advanced Lighting Controls Training Program (**MALCTP**) is a statewide initiative aimed at increasing the use of lighting controls in commercial buildings.

MALCTP educates, trains and certifies licensed electrical contractors and certified electricians in the proper programming, testing, installation, commissioning and maintenance of ALC systems.



## FACT SHEET

## Program Overview

DTE Energy is offering an energy efficiency incentive to small- and mid-sized business customers who install Advanced Lighting Control (ALC) systems in their facilities.

### Incentive

An incentive of **\$0.12/kWh reduced\*** will be paid on ALC system equipment installation that meets Program requirements. The total awarded incentive cannot exceed \$5,000 per project per installation site. (One facility per Application.) The facility must be no larger than 100,000 square feet. (Other conditions apply.)

### Who can Apply?

To apply for incentives, you must be a DTE Energy Commercial or Industrial electric customer in good standing. Your project must be installed at a facility served by DTE Energy.

**The work must be performed by an Energy Efficiency Program for Business Trade Ally who has received specific training and is certified in Advanced Lighting Controls.**

A list of those Trade Allies is available through our Program office.

### Reservation of Funds

You **must** reserve funds for this project. To do so, **request an Application from our office**, complete all the required information and submit it to our office.

We will review your information and issue a Reservation Letter that confirms we are setting aside up to \$5,000 for your project.

### Installation

Complete your project within 90 days of your Reservation Letter or by Nov. 30, 2018, whichever comes first.

### Inspections

DTE Energy reserves the right to inspect all projects to verify compliance with Program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections.

Detailed lighting layout descriptions, metering, data collection, manufacturing specifications, interviews and other information may be requested as appropriate.

### Final Application (upon project completion)

When your project is finished:

1. Complete the Final Application
2. Attach at least 4 weeks of monitoring data from your ALC system (in a sortable format; e.g. Excel)
3. Have the DTE Energy Account Holder sign the Final Agreement
4. Submit the Final Application within 60 days of project completion or by Nov. 30, 2018, whichever comes first. Applications submitted after that date will be canceled. Attach all required documentation, including dated, itemized invoices and manufacturer specification sheets.

### Requirements

Incentives are available for installing a central lighting control system or retrofitted lighting systems in both interior and/or exterior spaces. In addition:

- The control system must provide complete programming and control from the central location
- The control system must have this reporting capability:
  - Occupancy sensor reporting
  - Operational reporting
- Energy usage reporting must have a maximum 15-minute monitoring interval



- Raw-data format polled energy usage information must be stored and delivered for, at a minimum, one year (in sortable format; e.g. Excel)
- A minimum of three energy saving control strategies must be utilized. Control strategies can include, but are not limited to:
  - Time scheduling
  - Daylight harvesting
  - Occupancy/vacancy sensing
  - Task tuning
  - Load shedding
- Maximum size - zone control of 24 fixtures
- Remote interface and control is also required, such as BACnet, LONworks, etc.

### Qualifying Equipment

A networked lighting control system shall have the following minimum capabilities:

- Provide complete programming and control from a central location
- Control system must meet the DesignLights Consortium<sup>®</sup> (DLC) Qualified Product List (QPL) minimum requirements of a qualified system for both interior and exterior fixtures:
  - Networking of luminaires and devices
  - Occupancy sensing and/or traffic sensing
  - Daylight harvesting/photocell control
  - High-end trim
  - Zoning
  - Luminaire and devices addressability
  - Continuous dimming
  - Scheduling (exterior only)

### Verification

The customer/Trade Ally must provide the Program with Pre- and Post- installation/ verification information, which includes, but is not limited to:

- Pre-installation information:
  - Existing lighting plans
  - Fixture inventory and count
  - Existing operation schedule, holiday schedule and control strategy
- Post-installation information:
  - New lighting plans
  - New fixture and controls specification sheets
  - New operating schedule, holiday schedule and control strategy
- Allow DTE Energy access to the site to install lighting data loggers on lighting circuit panels
- Lighting data loggers may need to be installed for up to four weeks following the successful installation and commissioning of the new lighting system.

### For questions or to get an Application, contact us

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Phone: **866.796.0512** (option 3) **Mention: Advanced Lighting Controls**

\*Incentives for LED fixtures replacement must be applied for in the Main Program Application.