

CASE STUDY:

# Five Guys



## FIVE GUYS<sup>®</sup> BURGERS and FRIES

### Services performed at this facility include:

- ☑ Energy Assessment
- ⚡ Energy Management
- ✍ Engineering Design
- ☰ Project Management Implementation

### Products installed include:

- 💡 LED light fixtures
- 📊 Custom Energy Management System

Restaurants hold the unique distinction of being one of the most energy intensive users per square foot of space. Food preparation can require 180 degree grills and deep fryers kept at 375 degrees, all right next to walk-in freezers set at 0 degrees. This constant maintenance can lead to costly energy bills while maintaining a quality product and work environment. So when Five Guys Burgers and Fries was looking to decrease energy use without compromising customer or staff comfort, they turned to Energescio. Energescio has deep roots in the restaurant industry and understands how to apply cost effective energy efficiency measures custom tailored for restaurant systems.

Energescio began the process by completing formal energy assessments at multiple prototypical Five Guys restaurants. The assessments allowed Energescio to specify a state of the art lighting package, an energy management system, and an HVAC improvement program that could be replicated across the Five Guys portfolio. The energy management system includes controls for HVAC set points and diagnostics, hood

extraction fan optimization, lighting controls, and refrigeration. Five Guys has since installed several modules from the energy management system at one location and a full LED lighting package at another with plans to roll out many more. In fact, Energescio is now a national LED lighting vendor for all Five Guys restaurants located in the United States and Canada.

From the initial energy assessment to implementation to the securing of utility rebates Energescio managed the projects from start to finish and served as a single point of contact. This worry-free approach allowed Five Guys to maintain focus on their core business while Energescio integrated energy efficiency measures into the restaurants, saving Five Guys time and money.

Project Value	Rebates Secured	Total Out of Pocket Cost	Annual Electric Bill	Annual Cost Savings	Electric Bill Savings	Simple Payback
\$15,167	\$7,015	\$8,151	\$16,128	\$3,688	22%	2.2 yrs