

# Highland Parks Market

## Background

Highland Park Market is a family-owned-and-operated chain of grocery stores, with a strong commitment to the community and the environment. Adopting sustainable practices is one of the ways that the company demonstrates the shared core values it has with the community.

When the grocery store chain decided to reduce its carbon footprint, company leaders hoped that it would also help control operating costs and protect the profitability of the business. Beyond improving environmental and financial sustainability, the grocery store chain also wanted to enhance the in-store customer experience by improving the quality of lighting across three locations.

## JouleSmart Solution

The grocery store chain partnered with JouleSmart to turn 3 of its locations into intelligent buildings with modernized and upgraded lighting to highlight displays and create inviting environments. JouleSmart designed and implemented and now maintains and manages the turnkey solution — with no upfront capital expenditure required from Highland Park Market.

The JouleSmart solution — controlled and monitored by a centralized Building Management System — includes new sensors to monitor and control equipment, room, freezer, and cooler temperatures. The Building Management System sends alerts, switches off lights, and adjusts temperatures to reduce food spoilage and energy consumption. Controllers improve humidity control, reduce energy usage and extend equipment life.

## Making Highland Park Market Stores Intelligent

- Active Oversight™: Outsourced facility management services from JouleSmart
- Integrated Intelligence Gateway: Proprietary software and hardware platform
- Smart thermostat integrated with the Building Management System
- HVAC and LED retrofit
- Sensor Control Package: Includes occupant and temperature sensors

### Outcomes

The grocery store chain is achieving its environmental goals, reducing carbon dioxide emissions by the equivalent of more than 10,000 trees and cutting energy costs by more than \$100,000 annually, a 32% reduction.

Contact us to learn how JouleSmart can help your business.

We'll put you in touch with an industry expert. (866) 491-5854