



# Sunlight Energy Group

There's power in a great plan.

## CASE STUDY

### Background

This case study is of a client located in Central Maryland. They make labels for consumer products such as liquors, fruit juices, various cooking oils, and many more. The client prints pressure-sensitive labels, cut & stack labels, roll-fed labels, shrink sleeve labels, and lidding labels. They use three types of printing techniques: lithographic, flexographic, and digital.

### Challenge

Before Sunlight Energy Group came on board, the client had lighting and power quality issues. They upgraded to LED lights with a different company and found them to be inferior. The LED lights were burning out much faster than they should have. The lighting company gave the client replacement bulbs, but that did not resolve the issue.

### Solution

The lighting team successfully upgraded the client to new LED lights with a wireless control system, which saved them \$86,000 annually. They saved an additional \$25,000 from controls that automatically dimmed the lights. We also successfully helped them apply for a \$78,000 rebate, resulting in a project payback time of 1.5 years.

During the lighting project, the client bought a new and energy-efficient printing press. To determine how energy efficient it is, an analysis was run. As a result, the client received an additional \$257,000 grant for the new printing press.

### Fast Facts



**Location:**  
Maryland



**Industry:**  
Commercial Printing



**Services:**  
Printing Labels



**Measures of Success:**

- Energy Usage Savings
- New Technology Savings



**Results:**

- \$335k rebate from efficient new lighting and printing press
- Additional \$111k in annual savings due to new technology upgrade



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