



YOUR BRAND. OUR PASSION.



Case Study

OVERVIEW:

Lux Global Label utilized APPI Energy’s holistic energy solution services to both simplify the energy procurement process and complete an LED lighting retrofit project at the Lafayette Hill, PA manufacturing plant. The LED lighting retrofit was tailor-designed to align with Lux’s sustainability goals.

► CHALLENGE

Lux Global Label was in search of a solution that would decrease its energy usage and improve energy efficiency as part of its sustainability goals. The solution also needed to be functional, as well as, financially sound.

► SOLUTION

APPI Energy presented a custom, tailored LED lighting solution that would check all of the boxes for what Lux was seeking; reduce energy use, utilize a sustainable method to offset carbon footprint, and implement a seamless project without hindering operations for their workers.

► OUTCOME

With APPI Energy’s services Lux was able to eliminate the use of fluorescent bulbs throughout their manufacturing plant and upgrade their facility with new LED lighting, all while simultaneously properly disposing of the old bulbs. The LED retrofit produced immediate energy savings and a strong ROI of 63%. The new lighting not only added a higher standard to the facility, the improved lighting over the machines provides a brighter, safer, and ultimately more productive environment for their workers. By decreasing their energy consumption Lux was able to reduce their carbon footprint- one of the targets of their sustainability goals. Based on the success of this project, Lux is continuing to work with APPI Energy on further initiatives.

PROJECT SNAPSHOT

- Monthly Energy Cost Savings: **\$4,500**
- Energy Savings : **1,079,044.25 kWh/year**
- Demand Reduction: **174.81 kW**



Equivalent to **12,617** trees planted.



Equivalent to **162** cars removed per year.



ABOUT US:

At Lux Global Label we believe in making a difference in the lives of our clients, consumers and our employees. Whether helping our Health and Beauty clients with marketing disrupting packaging or providing labels ahead of time for life saving drugs for our pharmaceutical clients, Lux puts intense commitment into everything we do. Lux Global Label is a leading manufacturer of pressure sensitive labels, shrink sleeves, and security solutions. Lux is a preferred partner to many of the world’s most trusted brands and we are truly honored that they have put their trust in us.