



Increasing Profitability by Reducing Energy Costs.

Case Study: Imerys Perlite

Michigan Air Solutions and EE LED Supply installed more energy efficient lighting and air compressor equipment which will save over 400,000 kWh per year, and \$30,000 annually. Imerys also received over \$32,259 in rebates and incentives from Indiana Michigan Power Company and Michigan Air Solutions as part of the an energy efficiency program.

ENERGY AUDIT DISCOVERY

Imerys' 100HP compressor was oversized and fully modulating during non-production times. In addition, the compressor was drawing 84% of full load amps even when producing no compressed air.

A new 75 HP variable speed compressor was installed, while the existing desiccant dryer was kept in place. This reduced energy consumption by nearly 280,000 kWh (\$19,327).

After evaluating lighting energy consumption, output and annual cost, new fixtures were installed into a new lighting layout. This resulted in a 35% increase in lumens in the manufacturing space and a 38% increase around the building exterior. Energy usage was reduced by nearly 130,000 kWh (\$12,041).

To learn more about how to increase your energy savings, and how to qualify for incentives and rebates, contact us at 800.727.2470 or mi-air.com/savings

ABOUT MICHIGAN AIR SOLUTIONS

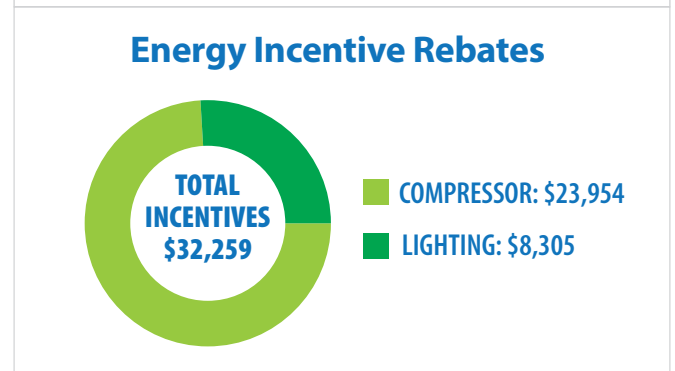
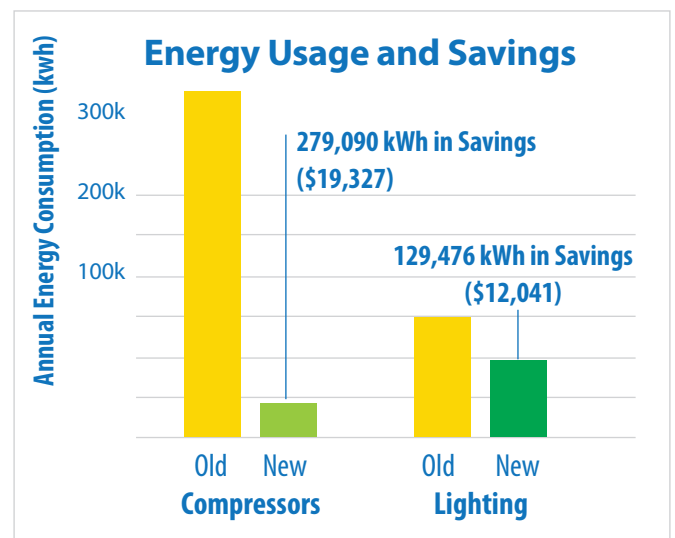
As the authorized ELGi compressor distributor in Michigan, our experts can help you design, troubleshoot and maintain your air systems for maximum productivity, efficiency and longevity. We only recommend and sell the best air compressors, dryers, vacuum pumps and accessories.

www.mi-air.com

ABOUT EE LED SUPPLY

EE LED Supply works with businesses to completely replace existing non-LED bulbs to save money, reduce energy usage, and receive Utility Company rebates where applicable. EE LED Supply maintains a catalog of wholesale LED products and can handle any custom order or project.

www.eeledsupply.com



Total Project Cost: **\$75,993**
 ROI Payback: **1 Year, 2 Months**
 1st Year Energy Savings: **\$64,300***
 Estimated 5 Year Energy Savings: **\$157,200**

* includes rebates, and compressor, lighting and dryer energy savings