



Melling Engine Parts

Upgrades helped achieve sustainability and efficiency goals

The Challenge: With four locations and 250 team members, Melling Engine Parts has manufactured auto parts in the Jackson area for 75 years. Vice President of Manufacturing, Mike Morse, defined the vision for their future: to be as sustainable as possible while increasing energy efficiency.

When it came time to look for ways to upgrade energy efficiency projects, the Consumers Energy Industrial Energy Management (IEM) program was ready to create a comprehensive solution tailored to their unique needs.

The Solution: Consumers Energy produced two reports highlighting energy-saving opportunities across three manufacturing facilities that would help save thousands of dollars in energy costs, annually.

By taking part in the complimentary IEM auditing, Melling Engine Parts received information for actionable projects that could provide a lasting business impact. One was the installation of 1,063 new light fixtures in all four facilities and installing multiple variable frequency drive motors. Melling Engine Parts sees these upgrades as a way to achieve their sustainability and energy efficiency goals.

The Result: After completion of the projects, Melling Engine Parts used the savings to reinvest in their business and hire more people. The improved lighting across all four facilities helped increase employee morale and productivity while making the facility safer for them.

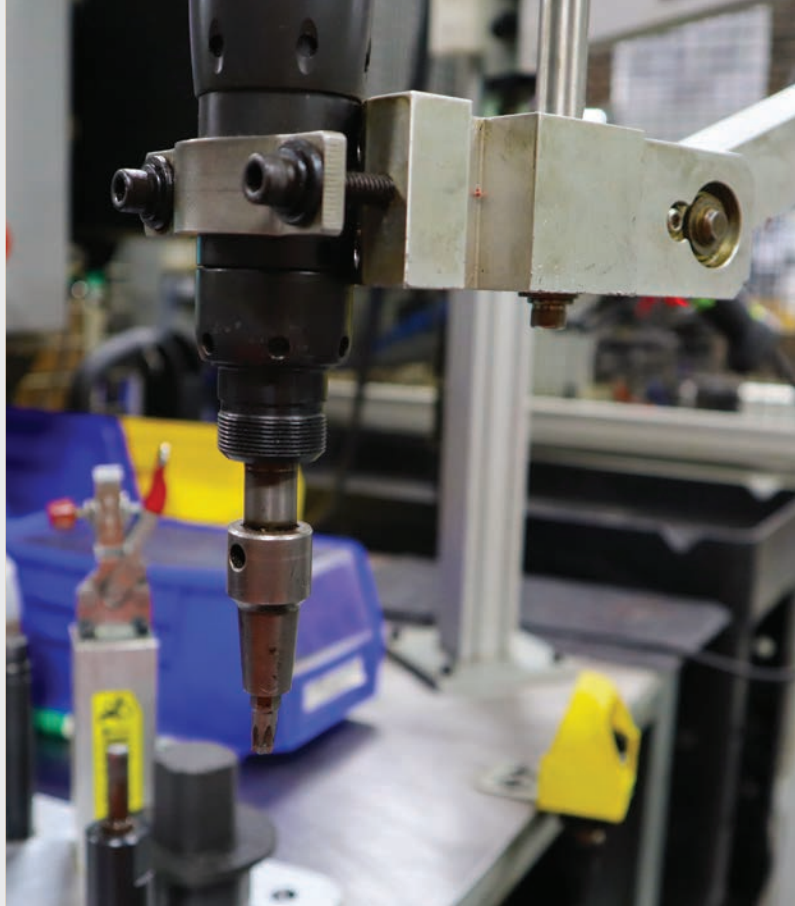
Project Details

- **Upgrades:**
 - 1,063 light fixtures
 - Variable frequency drive motors
 - Lighting occupancy sensors
 - Air compressor waste heat recovery
- **Overall Incentive:** \$341,942
- **Annual Electric Use Reduction:** 1,832,326 kWh
- **Annual Natural Gas Reduction:** 912 Mcf
- **Annual Cost Savings:** \$133,279



“I highly recommend working with Consumers Energy. You get experienced people who know the right thing to do.”

- Mike Morse, Vice President of Manufacturing Melling Engine Parts



Energy Savings in Action:

Melling took advantage of Consumers Energy Level 1 & 2 energy audits which led to actionable savings on their energy bills, enhanced their work environment and contributed Michigan's clean energy future. By participating since 2010, they have received nearly \$350,000 in incentives used to bolster Michigan's economy and hire more people.

We are here to help

The biggest challenge reducing energy use in your business is knowing where to start. Consumers Energy is here to help.

Don't let energy costs determine how you run your manufacturing facility. Our Industrial Energy Management team can help identify potential sources of saving such as air leaks, LED usage, waste heat and VFDs. The team will guide you every step of the way to provide a simplified, hassle-free process.

Get Started Today

To schedule a free energy assessment and analysis of the best energy practices, visit [ConsumersEnergy.com/iep](https://www.consumersenergy.com/iep) or call **877-607-0737** to learn more.