



MELLING

Excellence in Manufacturing

Melling Engine Parts

Upgrades helped achieve cost savings and sustainability goals.

The Challenge: With four locations and 250 team members, Melling Engine Parts has manufactured auto parts in the Jackson area for 75 years. With a new vision for more energy efficient and sustainable operations, they're looking forward to another 75.

When it came time to look for ways to upgrade energy efficiency, Melling turned to Consumers Energy for solutions tailored to their needs.

The Solution: Consumers Energy inspected Melling's facilities and recommended energy-saving projects that could cut energy costs by thousands. Many also qualified for rebates to help offset costs and deliver bottom line results sooner.

Melling took action on the report, starting with 500 new light fixtures across all four locations. They also installed variable frequency drive motors on several systems and heat recovery units on their air compressors.

The Result: After completing their upgrades Melling used the savings to expand their team. The improved lighting across all four facilities helped increase employee morale and productivity while making the facility safer.

Project Details

- **Upgrades:**
 - 500 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

Mike Morse, Vice President of Manufacturing Melling Engine Parts

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

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 to Michigan's clean energy future. By participating since 2010, they've received nearly \$350,000 in incentives used to bolster Michigan's economy with new jobs.

We're 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 ways to save, including sealing leaks, switching to LED lighting, recovering waste heat, and installing 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/industrialcs or call **888-674-2770** to learn more.