

Case Study:

Injection Molding Barrel Insulation for a Global Manufacturing Leader

Project summary

Global manufacturing leader JVIS and their sister company, Nova, met with Indiana Michigan Power (I&M) to discuss their energy efficiency opportunities after working with the state of Michigan on similar energy waste reduction initiatives. Upon learning that similar rebates were available through I&M, they implemented multiple energy-saving upgrades, including barrel insulation for injection molding projects. JVIS worked closely with a trade ally to measure their machines. Within a month, custom barrel insulation wraps were installed and saving JVIS energy and money.

The barrel insulation is estimated to reduce the facility's annual energy by over 2,070,000 kWh, saving JVIS and Nova over \$225,000 per year. Since completing the project, JVIS and Nova are planning to partner with I&M to make other energy-efficient upgrades.

Bigger picture

I&M offers commercial energy efficiency programs to help businesses of all sizes save on new, energy-efficient equipment. These Prescriptive and Custom programs are designed to save on both the cost of energy-efficient commercial upgrades and reduce your monthly energy use.

Project Stats and Results

Industry: Manufacturing

Product: Barrel insulation
for injection molding

Time to install: One month

**Estimated annual energy
savings:** Over 2,070,000 kWh

**Estimated annual cost
savings:** Over \$225,000

Project payback: One year

Rebate amount: \$128,690



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