



Left to right, Dustin Curtiss, Maintenance Manager, Jim Muntean, Plant Manager, Sharon Carrns, Training and Development Specialist at Cooper Standard accepting the incentive check from GHBLP.

Cooper Standard

17155 Van Wagoner Road

Prescriptive Project: LED Lighting Upgrades

Energy Savings Achieved: 313,550 kWh

GHBLP Rebates Received: \$23,723.94

TESTIMONIAL - "Cooper Standard has a laser focus on corporate responsibility in all business practices, including energy savings. The goal is to reduce energy use by a minimum of 2.5% each year. As Cooper Standard began investigating changing bulbs to LED and lowering ballasts to make lighting more effective, they were approached by Meekhof Electric to manage the process. Changing bulbs was just the beginning. But it made a big impact.

With the support of building owner Don Tjarksen, LED bulbs were installed by Meekhof Electric in existing fixtures, and old bulbs were properly disposed of at no cost to Cooper Standard. Outside lighting was the biggest savings. Each 600-watt bulb was replaced with a 300-watt bulb. In addition to wattage, older bulbs lose 80% of their efficiency in the first 5 hours they run. LED bulbs do not. The savings in energy and costs was immediate.

When the project was completed Meekhof Electric received the GHBLP's Energy Smart Program Rebate for the work, and Cooper Standard reaped the ongoing benefits. The project was a win-win-win. Savings in energy is 12% annually, costs have dropped 10% annually, and the workplace is brighter, safer, and more productive."

Sharon Carrns, Training and Development Specialist, SHRM-CP, Cooper Standard



New LED lighting was installed at Cooper Standard in their manufacturing plant and parking lot.



The GHBLP'S Energy Smart Program makes it easy and more affordable for Commercial & Industrial businesses to reduce energy consumption and overall electric charges with rebates on qualifying prescriptive and custom energy saving updates. Whether you run a restaurant, small shop, retail store, or large industrial business, the BLP can help you gain a competitive advantage through energy-efficient improvements.

Ready to start your project? Follow these 3 simple steps.

Step #1: Request Pre-Approval

COMPLETE AND SUBMIT YOUR APPLICATION DOCUMENTS TO:

Energy Smart - Grand Haven BLP
1400 Abbot Rd. Suite 400, East Lansing, MI 48823
Fax 517-203-0658 | Email energysmart@franklinenergy.com

Step #2: Complete Your Project

If your project meets the pre-approval criteria, you will receive a letter indicating funds have been reserved.

Step #3: Collect Your Cash Incentive

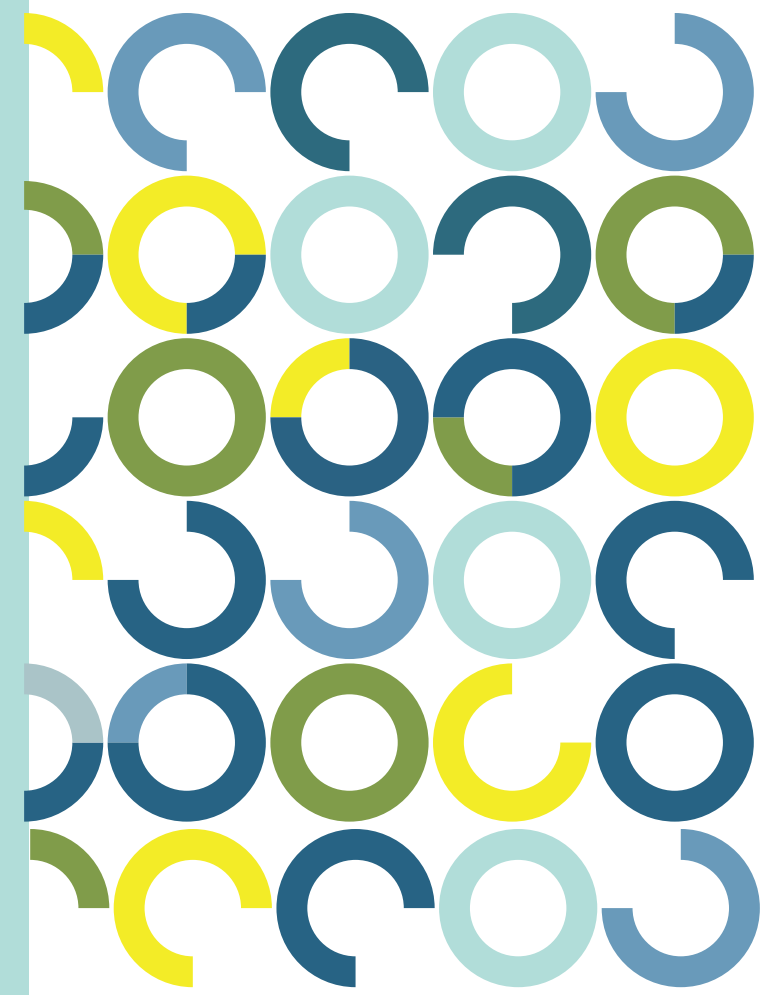
Once your project is complete, it's time to request your cash incentive. Within 30 days of project completion, submit the signed Payment Approval Agreement and itemized invoices to Franklin Energy and schedule your on-site audit.

Need help? Simply contact one of our expert Energy Advisors at **1-877-674-7281** and they will assist you with the application process.

The full application can be found on-line at <https://ghblp.org/energy-waste-reduction-program/>



Grand Haven Board of Light & Power
1700 Eaton Drive, Grand Haven, MI 49417
616-846-6250 | ghblp.org | customerservice@ghblp.org



Grand Haven Board of Light & Power Commercial & Industrial





EPC improved its compressed air supply and energy consumption with the installation of a Variable Speed Air Compressor.

Engine Power Components

1333 Fulton Avenue

Prescriptive Project: Air Compressor with a VDF

Energy Savings Achieved: 278,000 kWh

GHBLP Rebates Received: \$30,000.00

TESTIMONIAL - "Engine Power Components had been looking for ways to improve our compressed air supply and reduce our energy usage. As we researched our options and vendors, it became clear we only had 2 choices; we could either replace our existing fixed speed compressor with a new model, or we could invest substantially more in a variable speed compressor. Replacing our fixed speed compressor with a newer model would give us slightly better efficiencies with both air supply and energy usage. Utilizing a variable speed compressor would maintain our shop air pressure nearly perfect and reduce our energy consumption by 278,000 kilowatt-hours per year.

Grand Haven Board of Light and Power's Energy Smart Program resulted in a \$30,000 rebate that we were able to use to help offset the higher cost of the more efficient variable speed compressor. With the rebate and the resulting energy savings, the payback on the new equipment will be just over 4 years.

GHBLP's Energy Smart advisory team was wonderful to work with and they communicated well as we moved through the pre-approval process all the way to the completion of the project.

EPC is grateful for the GHBLP Energy Smart program and highly recommends this to anyone seeking to upgrade their facility and reduce their energy demands."

Mark Sweany, Manufacturing Engineer, EPC



Left to right, Mark Sweany, Manufacturing Engineer, Mark Quigg, President, and Dan Savage, Plant Manager for Engine Power Components accepting their Energy-Efficiency rebate check.



Grand Haven-Spring Lake Sewer Authority replaced two speed motors with energy-efficient dual-core turbo motors controlled by a variable frequency drive.

TESTIMONIAL - "Grand Haven-Spring Lake Sewer Authority continuously looks for ways to improve the service it provides to its customers. One way for improvements to our provided service is through energy savings and we are grateful that the Grand Haven Board of Light and Power provides the Energy Smart Program because the added incentive they provide through this program is the cherry on top when pursuing projected energy savings.

Our improvement project we pursued in 2020 was to replace an essential piece of equipment in our treatment process. We installed an APG Neuros Turbo Blower to replace outdated technology and the projected savings are almost overwhelming. This turbo blower will provide the needed dissolved oxygen (D.O) to our aeration basins by using the variable frequency drive (VFD) of the unit and will adjust the output of the blower to meet those demands. This improvement is projected to result in 490,546 kilowatt-hours saved annually.

This is a huge WIN for our team and a huge WIN for our customers. The energy savings we will see, along with the rebate amount creates flexibility within our budget and provides us with the extra funds needed to address areas of our operations that are also in need of improvement. It was a smooth process and we cannot stress enough how thankful we are for the GHBLP and the Energy Smart Program."

Ryan Vredeveld, Superintendent, Grand Haven-Spring Lake Sewer Authority

Grand Haven-Spring Lake Sewer Authority

1525 Washington Avenue

Prescriptive Project: Installed APG Neuros Turbo Blower VFD

Energy Savings Achieved: 490,546 kWh

GHBLP Rebates Received: \$30,000.00

Incentive check presented left to right, TJ Tuin, Operations Supervisor and Ryan Vredeveld, Superintendent, at GH/SL Sewer Authority.



Magna Mirrors North America

1800 Hayes Street

Prescriptive Project: LED Lighting Upgrades

Energy Savings Achieved: 282,214 kWh

GHBLP Rebates Received: \$20,000.00

TESTIMONIAL - "Magna Mirrors Service Parts Division was looking to brighten up the shop floor along with saving energy. We partnered with Medler Electric and Grand Haven Board of Light & Power to put together a package that could do both.

We had over 200 - 455-watt Metal Halide lamps that were huge energy consumers and weren't that bright. We worked with Medler and demoed multiple fixtures until we found the right combination. Once we decided on the fixtures Medler guided us on the correct paperwork to fill out for the rebate. The process couldn't have been easier.

The team here at Magna is blown away by the difference in lighting and the amount of energy we are saving. With doing the installation ourselves and receiving the rebate our payback was only 3 months. I would recommend this program to all!"

Kristopher Krepps, Maintenance Manager, Magna Mirrors

Left to right, Rick Petersen, Master Electrician and Kristopher Krepps, Maintenance Manager for Magna Mirrors North America accepting their Energy-Efficiency rebate check.

