

**POWER
MOVES®**

*Energy-Smart Solutions from
Your Local Electric Cooperative*

SAVINGS GUIDE

MISSOURI ELECTRIC CO-OP SUPPORTS BUSINESS
REBUILDING EFFORTS FOLLOWING FIRE

POWER MOVES® CASE STUDY:
THE MANUFACTURING INDUSTRY

PROJECT

- Installation of new lighting, occupancy sensors, and energy efficient equipment in new buildings

LOCAL PARTNERS

- Citizens Electric Corp.

PARTNERSHIP HIGHLIGHTS

- Installation of LED lighting and sensors in new buildings in 2018, saving more than 313,488 kWh in annual energy use
- Installation of energy efficient HVAC equipment and variable frequency drives to save nearly 33,000 kWh in annual energy use
- All projects totaling 413,947 kWh in annual energy savings

FINANCIAL IMPACT

- \$45,089 in Power Moves® rebates for energy efficiency improvements
- Additional savings each year in long-term energy costs

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Atlas EPS, a Division of Atlas Roofing Corporation

A December 2016 blaze that nearly engulfed an insulation manufacturing plant in Missouri instead inspired improvements boosting employee morale and trimming energy costs – with help from the local electric co-op.

Citizens Electric Corp., the southeastern Missouri electric cooperative that powers the Atlas Molded Products plant in Perryville, partnered with the business on Power Moves® rebates for energy efficiency improvements. The fire had destroyed 85 percent of the plant; within days, the expanded polystyrene insulation company started planning to rebuild.

“We got two lines running in January 2017, which were crucial for us to keep a few customers, and we just started going from there,” said Sheila McGowan, accounting manager for Atlas Molded Products. “Every day we just had more and more tasks to do to get up and running.”

The unexpected opportunity to rebuild also gave business officials the chance to incorporate some improvements to the site. The plant’s production facilities had previously been six separate buildings constructed over time; the company built a single structure in their place.

“The pre-fire buildings were all small buildings. We replaced them with one large building, and in doing so everyone can easily see each other,” McGowan said. “It’s

easier to communicate with each other.”

Atlas previously had worked with Citizens Electric Corp. on Power Moves rebates for energy efficiency upgrades. After the fire, the company collaborated with the electric co-op on LED lights and sensors for the new facility. The LEDs made the new facility significantly brighter than the previously buildings, McGowan said. Previous employees visiting the new site quickly noticed the difference, she said.

“It’s a morale booster,” McGowan added. “People want to come in and be in a bright, lit, well-cleaned area.”

Atlas received just over \$45,000 in Power Moves rebates for projects that save 413,947 kilowatt-hours in energy each year. “It was nice to be able to know that we were going to get a little bit of return on money that we were spending at the time, when we were spending a tremendous amount of money just rebuilding,” McGowan said.

Atlas showed its commitment to its workers and the community by how quickly the business started rebuilding and got production lines up and running, said Van

Robinson, president and CEO of Citizens Electric Corp. The business also worked with Citizens Electric Corp. to fulfill its energy needs while building the new plant.

“Atlas has been a significant employer in our community, and showed that commitment in how resilient they were to rebuild knowing how catastrophic the damage was to the plant,” Robinson said. “We are pleased that they remained and rebuilt in the community, and we are thrilled to have contributed to their success.”

Citizens Electric Corp. employees answered questions and ensured a smooth application process for the Power Moves rebates, McGowan said. She added that she was busy at the time with processing insurance documentation and paperwork related to the fire, and the process of applying for the Power Moves rebates was easy.

“I would encourage anyone to take advantage of the program,” McGowan said of Power Moves. “Everyone was great to work with and answered any questions we had. We would do it in a heartbeat in the future.”

Your local electric co-op provides energy planning and consultation, and facilitates Power Moves® rebates and additional incentives, at no charge to members. Learn how Wabash Valley Power uses energy efficiency rebates and additional incentives to support manufacturing businesses by visiting www.WVPA.com.

Power Moves® offers prescriptive and customized rebates for energy efficiency upgrades to existing facilities or new construction. For more information, contact your local electric cooperative or Laura Matney, Energy Efficiency Programs Manager at Wabash Valley Power, by email at lauram@wvpa.com or by phone at 317-481-2873.