

**POWER
MOVES**

*Energy-Smart Solutions from
Your Local Electric Cooperative*

FIXED (ENERGY) COST

INDIANA HIGH SCHOOL PARTNERS WITH ELECTRIC CO-OP ON
PROGRAMS TO LOWER ELECTRIC BILLS

POWER MOVES® CASE STUDY: EDUCATION

PROJECT

- Installation of LED lighting and fixtures in high school classrooms and parking lot
- Participating in PowerShift® demand response program to reduce energy load

LOCAL PARTNERS

- Parke County REMC

PARTNERSHIP HIGHLIGHTS

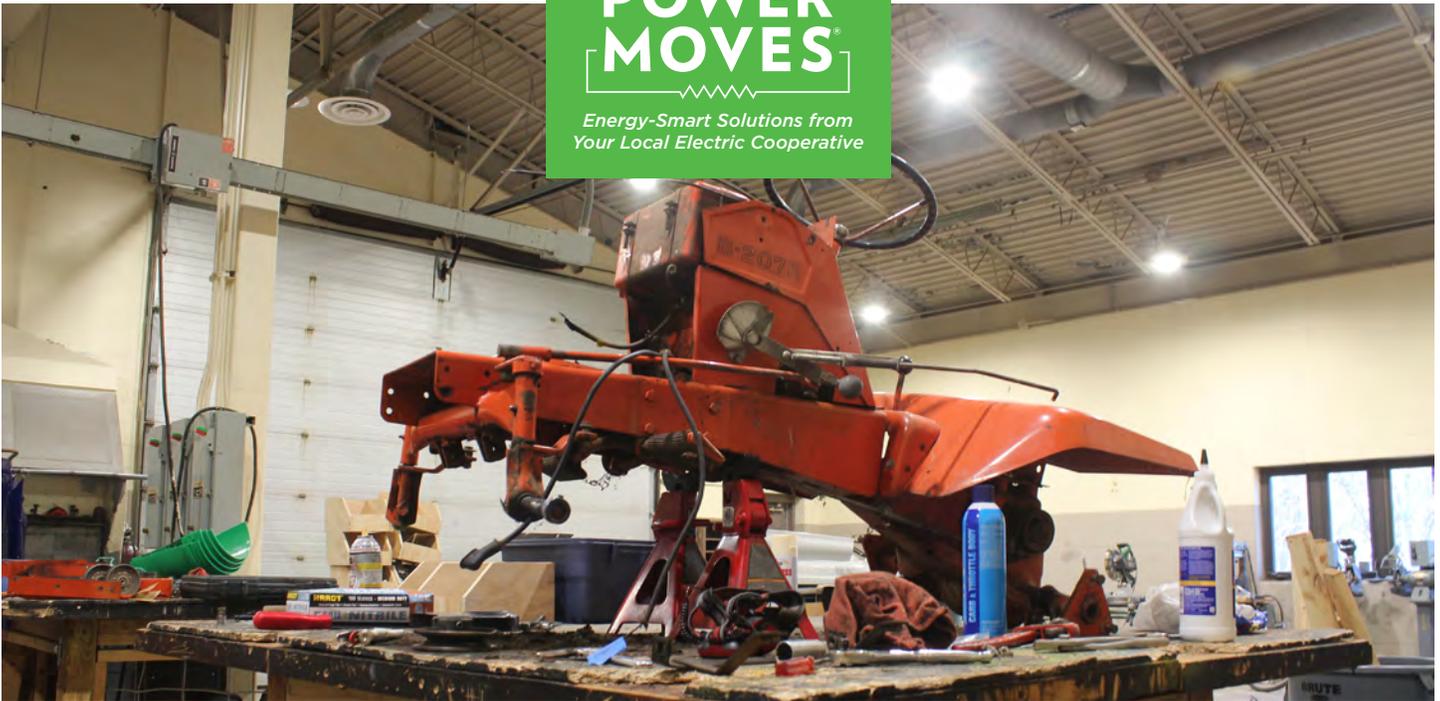
- Demand response program participation to reduce electricity need in summer when building occupancy is low
- Energy efficient upgrades to high school, saving 71,519 kilowatt-hours annually
- Facility energy audit with recommendations on actions to take to reduce long-term energy use

FINANCIAL IMPACT

- Nearly \$4,000 Power Moves rebate for energy efficient upgrades to high school
- Nearly 8 percent in energy savings annually from demand response program

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Southwest Parke Community School Corp. employees were surprised to learn that the district's high school could use significantly less electricity – and get paid for it.

Riverton Parke Junior-Senior High School received a nearly \$4,000 in Power Moves® rebate from Parke County REMC, its local electric cooperative, in 2019 for upgrading school lighting to more energy efficient LEDs. The school also has saved thousands more by participating in PowerShift®, a demand response program offered by its local electric cooperative. The program helps businesses and residences control their energy use during peak demand times in the winter and summer when energy is most expensive.

Chad Lawson, the school district's maintenance director, was first introduced to PowerShift after meeting the Parke County REMC energy advisor in 2017. The program reduces the school's energy use on hot summer days by shutting down the school's air conditioning system for several afternoon hours when demand is highest. Previously, the school left the system running daily during the summer, even though school is not in session those months.

The school, which shuts down several

large chillers, five air handlers, and conditioned water pumps during the PowerShift afternoon events, has saved more than 8 percent in energy costs by participating in the program.

"In our school district, revenue is incredibly important, so any way we can save money, we try to do it," Lawson said. "After talking with our energy advisor, it was going to be pretty simple on my end to shut down the building's air conditioning system, so it seemed like a pretty good deal, especially with the incentive. It was very minimal inconvenience."

In 2018, Parke County REMC partnered with Purdue University to provide Riverton Parke with an energy audit to identify potential areas for long-term savings. Based on findings, the school upgraded lighting in two agriculture classrooms and half of the parking lot. The upgrade to brighter LEDs made it easier for students to work on projects, such as practice repairing tractors, Lawson said.

"It's been a pretty good partnership," Lawson said of the relationship between the school corporation

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**- Chad Lawson, Maintenance Director
Southwest Parke Community School Corp.**

and Parke County REMC. "They've done a lot to help with the applications and rebates, and the rebates and savings make it a lot easier to justify doing those projects."

Parke County REMC employees continue to regularly meet with Lawson to discuss energy needs at the high school, including implementing additional findings from the energy audit.

"Riverton Parke Junior-Senior High School is a terrific partner that has been receptive to ways that can improve the school's energy use," said Chadd Jenkins, president and CEO of Parke County REMC. "This approach also lowers costs for the school, and the savings can then be used in other ways to benefit students. When we are able to help an organization such as a school be successful, it has great benefits for everyone involved."

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.

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