

For your business

Christel House® Indianapolis Academy West Case Study

The opportunity

Christel House Indianapolis Academy West is a K-8 charter school that emphasizes education, self-sufficiency and student empowerment. Experiencing continued growth year after year, Christel House wanted to save on energy costs while being able to provide a bright and productive learning environment for their students and faculty. Additionally, the school wanted to cut down on maintenance costs associated with changing lightbulbs throughout the facility.

The project

Christel House needed lighting improvements at their Christel House Academy West Location. A local AES Indiana trade ally assisted them with the Prescriptive Rebates Application, which helped determine the school's payback period on the energy-efficient upgrades. The trade ally installed LED lighting panels, linear strips and exit signs, along with tubes in every hall, classroom, closet, café and stairway.

Project fast facts

105,280 kWh

Estimated annual energy savings

\$10,963

Estimated annual cost savings*

\$26,250

AES Indiana rebates paid to customer

*Calculated at an estimated rate of \$0.09 per kWh.



AES Indiana offers business customers a wide range of programs to support energy efficiency projects and energy management initiatives.

Custom Incentives are available for energy-saving projects that do not fit the prescriptive requirements. Energy-saving opportunities include:

- New building construction
- Commercial refrigeration systems
- Process equipment
- Compressed air systems
- Strategic energy management

Prescriptive Rebates help businesses reduce their payback periods on energy-efficient equipment, including:

- Lighting equipment
- Mechanical equipment
- Kitchen equipment

“We’re thankful to have gotten this project done. It’s nice, over the summer, to be able to improve the facilities and buildings for our students to make it a more positive learning environment every year.”

– Christina Summers-Wooley
Head of Partnership and Communications,
Christel House Indianapolis

The results

The new lighting is estimated to reduce the facility’s annual energy use by **105,280 kWh**, saving Christel House **\$10,963** a year. Upgrading to long-lasting LEDs means that the school will save around **\$11,834** in maintenance costs. The school received **\$26,250** in AES Indiana rebates – significantly offsetting the total project costs. Not only does the new lighting provide the hallways and classrooms with brighter light without the harshness, but Christel House will be able to put energy savings back into the school for their students or other building improvements.

To learn how your business can benefit from AES Indiana’s energy efficiency programs, please call **888-982-7071** or visit aesindiana.com/businessavings.