



## Project Highlight

# Matchbook Learning, IN

AMERESCO 

Renew America's Schools Grant  
Recipient to Develop STEM Facilities  
for Sustainable Career Pathways

### Technology Type:

Building Envelope and Roofing | Building Automation  
Controls | HVAC | Energy Efficiency | Interior &  
Exterior LED Lighting | Heat Pumps | Solar PV |  
Battery Energy Storage Systems (BESS)

### Facility Size

**54,000** square feet

### Project Size

**\$20+** million

### Solar Capacity

**165** kW

### DOE Grant Amount

**\$5.3** million



### Summary

Matchbook Learning, a part of the Indiana Charter Schools system, chose Ameresco to renovate two industrial warehouses into a state-of-the-art high school and vocational facility with a focus on energy management and sustainability. The Match High School and Career Center is the first recipient to receive funding from the U.S. Department of Energy's (DOE) Renew America's Schools Grant that will help finance the transformative project. Integrated with advanced energy systems and renewable energy resources, the learning spaces will feature programming to prepare students for sustainable careers.



## Solution

After an extensive RFP process, Ameresco was selected by Matchbook Learning to oversee all aspects of design, engineering and construction fulfillment for The Match High School and Career Center. Ameresco will develop the facilities serving grades 9-12 from two industrial warehouses spanning a combined 54K square feet, and the development of both buildings will amount to \$20M+ of improvements and upgrades, including:

- Advanced building automation controls
- Building envelope improvements
- Insulated thermoplastic polyolefin (TPO) roofs
- Interior and exterior LED lighting upgrades
- Heat pump domestic hot water heaters
- HVAC upgrades
- 165 kW solar and battery energy storage system
- Integrating energy system information into the school's curriculum

**We are excited about the development of The Match High School and Career Center as we look ahead to welcoming our first cohort of students in the summer. Providing students with a modern educational environment is a challenge top-of-mind for school leaders across the country, and we are invigorated by the DOE's Renew America's Schools Grant to embark on this comprehensive school infrastructure development project to support energy efficiency and sustainability.**

Dr. Amy Swann  
CEO, Matchbook Learning



*In 2023, Matchbook Learning was chosen, among 23 other organizations, for the U.S. Department of Energy's Renew America's Schools Grant for critical facility and energy improvement funding. The grant, garnering over 1,000 applicants, totals over \$5.3M, and will be used to partially fund the development of The Match High School and Career Center.*



## Benefits

The Match High School and Career Center renovation project is designed to deliver numerous benefits for both the incoming students and the community, including:

- High efficiency systems to reduce energy consumption and operational costs
- Solar and BESS system to provide renewable backup energy to power the school's operations
- Improved air quality and occupant comfort for students and staff
- Reduced greenhouse gas emission footprint
- Support for a technologically enhanced curriculum aligned with Matchbook's mission to inspire students to reach their full potential
- In-depth vocational curriculum offering education in construction trades, welding, engineering, and entrepreneurship
- Serving the greater community through adult learning and apprenticeship programs

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

