

Delaware Area Career Center – Energy Project

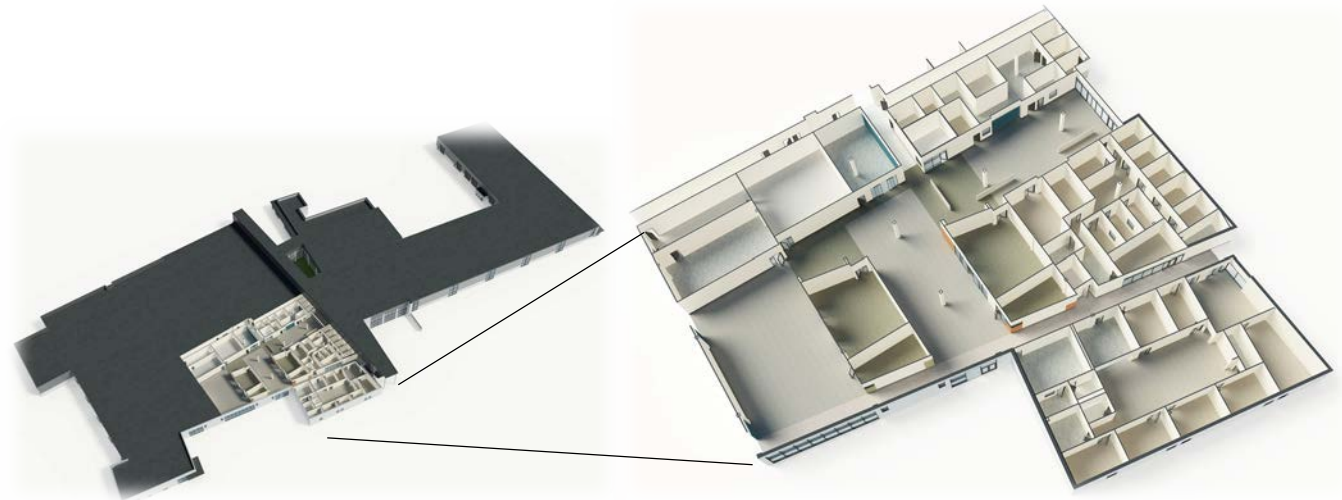
Dynamix Energy Services produced a guaranteed energy savings for Delaware Area Career Center by replacing equipment and installing building controls in its two buildings. The project helped reduce utility expenses by more than \$200,000 annually, but more importantly, improved air quality and comfort for students and staff in the mixed use buildings.

The Project Scope

- Upgrade of lighting systems
- Replacement of (9) rooftop units
- Installation of non-proprietary controls throughout the District
- Design of user friendly graphical interface for equipment and space controls
- Installation of new adjustable room sensors
- Installation of new variable speed drives on select equipment
- Installation of air quality monitoring & supplemental sensors
- Energy Dashboard implementation for continuous monitoring
- Implementation of FMX centralized maintenance management system

Director of Operations

“The level of temperature control and comfort within the building has improved tremendously as acknowledged by our teachers and staff. That is exciting, but even better is the energy savings the district is beginning to realize. I now have two months of billing with the new BAS in operation and our natural gas and electric bills are the lowest ever experienced in my tenure at DACC.”



**Over \$400K/Year
E&M Savings**

Delaware Area Career Center – Engineering Design & Controls as a Professional Service

ADDITION & CONSOLIDATION PROJECT

Dynamix’s performance on the Energy Project led to future work including the engineering design of a new 100,000 square foot addition and 85,000 square foot renovation by our Engineering Company, as well as the use of our Energy Company for Controls as a Professional Service. This new service has been used on many projects and is a new way to deliver HVAC controls. The Controls work came in under budget, our service generated positive marks from the contractors and owner, the District obtained a guaranteed energy cost, they received a full year of monitoring after install, and they received FMX integration.



OUR TEAM DIFFERENCE

Strong Integrated Controls Team

Shop Drawing Level Design

HVAC Control System Programming

THE VALUE

Ownership of HVAC Controls

30%-50% Reduced Energy Consumption

One Year Monitoring & Optimization

Energy Dashboard

FMX Integration

**Mechanical, Electrical, Technology Engineering
Controls as a Professional Service
FMX Integration
Ongoing Technical Service**

