

COMMERCIAL NEW CONSTRUCTION PROGRAM

it pays to make energy efficiency part of the plan

K-12 Educational Facilities

Energy costs are second only to personnel costs as the leading draw on K-12 school district operational budgets



Potential Energy Cost Savings

High \$277K

Low \$ 1k

Average \$ 41K

Based on 338 verified buildings

DID YOU KNOW...

41%

Participating K-12 school projects average 41% in annual energy cost savings



Iowa schools have received approximately \$32 million dollars in incentives



338 projects totaling more than 26 million square feet



School districts have saved over \$14 million dollars in annual energy costs, equivalent to approximately 267 teacher salaries

- Learn how your building uses energy and determine which energy saving strategies makes sense to implement.
- Enroll in the Commercial New Construction program today
- Contact the program implementor: 877 939 1874 or cnc@willdan.com

 **Alliant
Energy**TM
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“...It’s a win for us because we save energy and recuperate the expense in a relatively short time period. It’s a smart business decision.”

– Bob Hingtgen
Director of Maintenance & Transportation,
Western Dubuque Community School District

PEOSTA ELEMENTARY SCHOOL

Western Dubuque Community School District worked with their design team of Neumann Monson Architects and Design Engineers when planning to create a modern and energy-efficient elementary school that would stand the test of time. The team turned to the Commercial New Construction program in the early stages of designing Peosta Elementary School to evaluate the savings of more than 100 energy efficiency strategies with the goal of identifying those that would help them balance their energy savings and payback criteria.

A combination of geothermal heat pumps and gas-fired air handling units are strategically utilized to provide heating, cooling, and ventilation air to diverse building spaces. Along with an efficient building envelope and automated controls used in conjunction efficient LED lights, the building provides an efficient, comfortable, and productive environment for students. In comparison to a code-level elementary school, the building saves 41% in annual energy costs. The District received a onetime incentive from Alliant Energy that helped offset the investment in these energy efficiency measures by 15% and drive the payback period down to 8 years.

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