

ENERGY FOR A BETTER TOMORROW



WITH ENERGY THAT WORKS FOR YOU

In January 2019, Ithaca School District was approached by Upper 90 for an opportunity to improve the district's energy efficiency and address capital needs that are challenging to fit into the annual operating budget. A project was approved by the Board of Education in April, and the work was completed in the summer/fall of 2019.

The majority of the work consisted of window replacement and converting all remaining pneumatic controls to digital controls. Other work involved upgrading to LED lighting throughout the district, eliminating air leakage by sealing the building envelope, eliminating stratified air by using destratification fans, and optimizing the HVAC system through strategies such as implementation of demand-controlled ventilation, adding variable frequency drives to mechanical equipment, and refining equipment sequences of operation, schedules, and temperature set points.



\$594,090

TOTAL PROJECT COST

1

\$23,544

ANNUAL ENERGY SAVINGS

2

\$19,944

**ANNUAL MAINTENANCE
SAVINGS**

3

\$23,234

FOCUS ON ENERGY REBATE



Ithaca School Board Approves Summer Construction Projects

The Ithaca School District approved numerous summer construction and energy efficiency projects, including the purchasing of windows and HVAC equipment aimed at improving the facility at a special Board meeting last Wednesday evening. The

automation system, and electrical surge protection. The energy efficiency projects include converting the interior and exterior lighting to LED technology, reducing air leakage and infiltration through building envelope improvements, and installing

are in good shape already, but addressing immediate needs and investing in upgrades that will also reap energy savings will prove valuable for the life-cycle of the facility and the facility systems for years to come.

The facilities improvement



"I WOULD LIKE TO SAY HOW IMPRESSED I AM WITH UPPER 90. THIS COMPANY CONDUCTS ITSELF THE WAY ALL COMPANIES SHOULD CONDUCT THEMSELVES. IF I MADE A PHONE CALL, THEY ANSWERED IT. IF WE HAD A PROBLEM, THEY TOOK CARE OF IT. IF SOMETHING WASN'T RIGHT, THEY MADE IT RIGHT. EVERYONE I HAD TO DEAL WITH MADE US FEEL LIKE WE WERE THE ONLY ONES THAT MATTERED. WE HAD ONE ISSUE WHERE SOMETHING WASN'T WHAT WE EXPECTED-OUR FAULT NOT THEIRS. THEY MADE A COMPLETE CHANGE AT THEIR COST TO MAKE SURE WE WERE SATISFIED."

-FRANK WASTLICK, BUILDINGS & GROUNDS

The Ithaca School District is located approximately 65 miles west of Madison, Wisconsin, in Richland County, and serves a student population of approximately 300 students, grades 4K through 12th, all within a single facility.



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