



## *East Lycoming School District, Hughesville, PA*

### **PARTNERING TO INSURE ENERGY PERFORMANCE**

The East Lycoming School District (ELSD) Board and Administrators faced a problem that has become typical across Pennsylvania – how to upgrade the failing heating, ventilation, and electrical infrastructure of aging facilities without undertaking a complete building renovation.

As a solution, the PPL Energy Services/ McClure Company team provided an Energy Reduction and Facility Upgrade Program. Initially, the team spent over 800 hours analyzing the district energy use and costs, surveying the four buildings and their systems, developing Energy Conservation Measures (ECMs), and putting together a comprehensive program that would optimize dollars spent and target facility improvements.

As a result of the development work, the PPL/McClure Energy Program for ELSD included the following:

- Upgrades for lighting systems including both replacement bulbs/ballasts and complete fixture replacements reducing energy while simultaneously improving light levels.
- Conversion of failing pneumatic automatic temperature control systems in the High School and Ashkar ES to modern digital controls technology.
- Complete replacement of aging and inefficient heating and ventilating systems in the High School and Ashkar ES.
- Replacement of a new domestic hot water heater at Ashkar ES.
- Replacement of (2) unreliable High School emergency generators with one, centrally located unit.
- Replacement of aging and inefficient food service equipment at the High School and one of the Elementary Schools.

This comprehensive program included the complete HVAC system replacement for two schools along with the complete lighting upgrade for four schools with no interruption of the district educational schedule. After the systems were installed and commissioned, ELSD personnel were trained on the operation of the equipment and the computerized environmental control system.



The district's goal was to see air conditioning added to the Hughesville High School for the improved comfort, health and performance of the students.

*“The East Lycoming School District is fortunate to have partnered with a firm that has committed themselves to stand behind their work including the continued follow-up to guarantee and insure the energy performance of our buildings.”*

Dave Maciejewski, Business Manager

How does PPL Energy Services/McClure Company achieve superior results? We can leverage our multiple talents for your benefit. We remain the only integrated team of engineers, certified energy managers, construction managers, service technicians, and construction trades people in the central Pennsylvania region. All of these skills are located under a single roof at our Harrisburg facility