

# ENERGY MANAGEMENT SERVICES FOR SCHOOLS

School systems that adopt a coordinated approach to energy management enjoy several benefits, including cost savings, more comfortable and efficient facilities, and the opportunity to integrate energy education into the curriculum. We can provide the outside support needed to realize these benefits, and can help your school system overcome possible barriers such as financial or personnel constraints.

The Energy Management Services for Schools Program provides technical guidance, expert support services and financial assistance to improve the management of energy use and control costs in existing and planned school facilities.

## OVERVIEW

Energy management services available include energy benchmarking, facility energy assessments, construction plan reviews, equipment efficiency comparisons, energy cost saving estimates, load monitoring, retail rate analyses and technical training.

All public and private schools within the service territories of our utility are eligible for participation in this program.

## PROGRAM SEQUENCE

**ENERGY BENCHMARK.** Participating school districts, with our assistance, will be required to obtain an energy efficiency rating for each of their school buildings using the Portfolio Manager on the ENERGY STAR web site. Upon successful completion of the rating process, the district will be eligible to receive \$500 per school benchmarked; this funding can be spent on specific energy-efficient tools and products or pre-approved efficiency projects.

**COMPREHENSIVE AUDITS, TRAINING and RE-COMMISSIONING.** For each building rated, the district is eligible for a comprehensive energy audit. To qualify, the district administrator or delegate, with our assistance, must present the efficiency rating results to the district school board. The audit funding is limited to \$3,000 per district. If the district selects their own auditor, the grant will be limited to 50 percent of the auditor's fee up to a maximum of \$3,000.

Upon completion of an audit on at least one school facility, the district will be eligible for one \$500 scholarship to send the person responsible for facilities to Building Operator Certification training.

Also upon completion of the audit, the district will be eligible for an incentive for re-commissioning services on selected building energy systems. Funding will be limited to 50 percent of the commissioning cost up to \$10,000 per district.



**STRATEGIC ENERGY PLANNING.** WPPI Energy will help the school district to prioritize potential energy efficiency projects, develop project specifications and implement the measures. To qualify, the school board must review the results of the audit, commit to improve district energy efficiency and adopt an energy efficiency policy. Funding for strategic energy planning will be limited to \$3,000 per district.

Upon adoption of an energy efficiency policy, the district will be eligible for double the normal financial incentives for projects with an eight-year or less simple payback, computed using our Efficiency Improvement Incentive guidelines. Funding of up to \$15,000 is available to match incentive funding from the Efficiency Improvement Incentive program. Total incentives are capped at 60 percent of the project cost.



**ENERGY EDUCATION.** Any district qualifying for the strategic energy plan consultation will also be eligible for energy education assistance. We will work with interested teachers to develop curriculum activities that emphasize energy management at the school and energy efficiency applications in homes and businesses. Funding will be limited to \$1,000 per district.

**ENERGY STAR RATING.** A district that qualifies for an ENERGY STAR award on one or more of its buildings may apply for a grant to pay for the Professional Engineer (PE) services needed to certify the rating. The PE grant will provide up to \$500 per building. The district will receive public relations assistance in order to celebrate their success and educate the community about their efforts.

**NEW BUILDING ENERGY DESIGN.** For districts planning to add school buildings, we can provide New Construction Design Assistance. This service predicts energy use and analyzes options for heating, cooling, ventilating and lighting (including daylighting design).

## HOW TO GET STARTED

Contact us for more information and to identify potential projects within your school facilities.

## TERMS AND CONDITIONS

- To benefit from the Energy Management Services for Schools Program, the school district must commit to an initial assessment of their electric energy usage and provide energy consumption histories for all other fuels, such as gas and fuel oil.
- The participating school district must agree to administrative-level discussions of energy efficiency analyses and energy management activities. This may also include a written commitment from the school district to incorporate energy management in job descriptions, in administrative policies and budgets, and into the curriculum by promoting training for appropriate teachers. There may be some additional time commitment and/or costs to the school district for staff involvement in coordinating energy management activities.