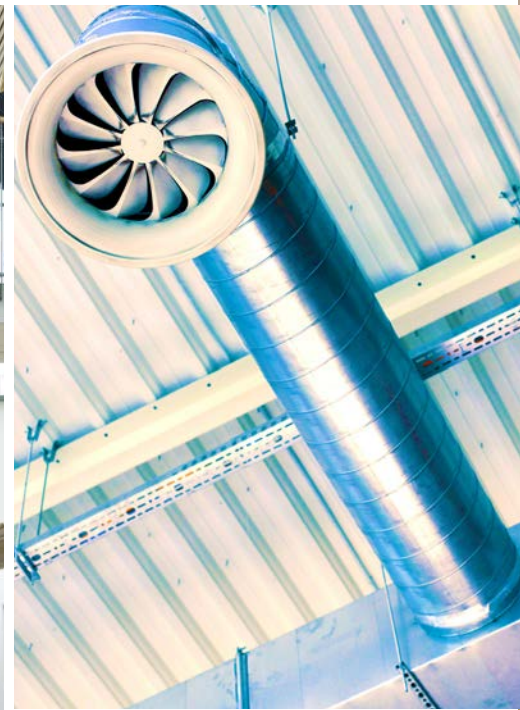
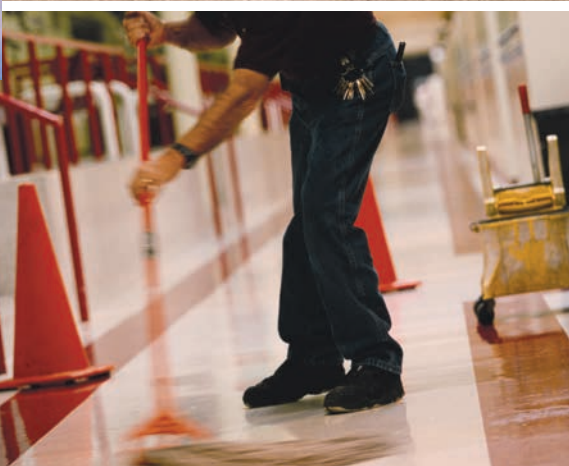


# EMCOR Construction Services Midwest

Indiana's Foremost Energy Solutions Leader

Providing smart environments to schools, governments, and other public organizations for increased energy efficiency and more cost-effective operation.





## Smart Environments. Smart Solutions. A Smarter Way to Work.

Since 1995, EMCOR Construction Services Midwest has collaborated with school administrators and building officials on more than 130 guaranteed energy-savings projects. On each project, ECS Midwest specialized technicians entered schools and other buildings to analyze and audit equipment, utility data, energy usage, occupation density, ventilation requirements, after-hour usage, and a number of other factors, in order to identify Energy Conservation Measures (ECMs), Facility Improvement Measures (FIMs), and physical system problems that can be addressed to help make the facility more energy efficient.

### Core Services.

#### Designed for Maximum Performance.

Each of ECS Midwest's core offerings—Energy Solutions, Automatic Meter Reading (AMR)/Advanced Metering Infrastructure (AMI) Services, and Water/Wastewater Services—is designed to keep facilities, schools, and municipalities/governments functioning at high-performance levels, while also enabling a variety of flexible budget-management alternatives. Benefits of these services include:

- » Guaranteed Savings Contracts (GSCs) reduce energy costs without impacting budgets
- » A wide range of pricing and design options
- » Cash flow analysis weighs interest and financing costs against projected savings—complete transparency
- » Improved system design and functionality
- » Refined control systems' programming
- » Various system-enhancing maintenance procedures
- » Right-size maintenance staff for maximum efficiency
- » Bundle EMCOR Construction Services Midwest's professional services to maximize savings
- » Free up general fund dollars

### Guaranteed Savings Contracts

Guaranteed Savings Contracts (GSCs) help to reduce energy costs without impacting budgets. Utilizing a three-step approach, ECS Midwest identifies areas where energy efficiency can be improved, and then shows customers how to use those energy savings to pay for their project.

### Reduce Energy.

#### Gain Precise Energy Control.

ECS Midwest experts track work progress, monitor budgets, and help ensure on-time project delivery, all while maintaining exceptional site safety.

ECS Midwest services extend from one end of the facility lifecycle to the other, and encompass nearly every type of project, from HVAC installation to lighting retrofits to the installation of energy-efficient windows.

### Commissioning/Recommissioning

By commissioning or recommissioning inefficient building systems, ECS Midwest can improve system design, refine control systems' programming, and complete a range of other system-enhancing and preventive maintenance procedures.

If ECS Midwest technicians find defective parts, they are brought to the client's attention for replacement, generally out of a contingency fund set aside for these projects. Upon completion, ECS Midwest's "point-to-point" review systems help to ensure that all equipment is working properly, and clients get all the energy efficiency, performance, and economy their systems can provide. And since the benefits accrue to current capital equipment, clients immediately improve the return on their original investment.

# A Full Suite of Services Designed to Save Energy and Reduce Costs.

## Building Operations Services

Building Operations Services (BOS) is a partnering strategy designed to give clients the flexibility needed to meet today's tough challenges. ECS Midwest experts assess clients' facilities' actual workloads, right-size their maintenance staff for maximum efficiency and economy, and identify more effective ways to meet HVAC, food and facility management services, and other facilities' needs.

By contracting with ECS Midwest through a professional services agreement, responsibility for all staffing decisions is taken, freeing up valuable general fund dollars. That means clients can apply more of their budget to items that directly impact their educational process. Services offered:

- » HVAC installation
- » Janitorial services
- » HVAC maintenance
- » Electrical maintenance
- » Facility management services

## Automatic Meter Reading (AMR) & Advanced Metering Infrastructure (AMI)

ECS Midwest helps upgrade municipal systems to make them safer and healthier. AMR/AMI water meter and infrastructure replacement is a specialization—completing any upgrade, repair, or redesign of current water plants and distribution systems—and implementing everything from installation of SCADA monitoring systems to billing integration software systems.

### » Automatic Meter Reading

ECS Midwest can install an AMR system designed to remotely read electrical meters. AMR systems are usually digital and easier to read than older analog dial meters, and some even allow customers to read their own meters remotely.

### » Automatic Metering Infrastructure

AMI meters, also known as Smart meters, are updated, digital versions of the traditional electrical meter attached to the outside of residential homes. Smart meters are designed to transmit pricing and energy information from the utility company to the consumer.

Utility companies who provide their customers with smart meters are able to implement a variety of load reduction and energy saving programs, helping to reduce the cost of providing electricity to a community.

## Expert Solar Energy Advice. Experienced Solar Energy Service.

Solar is a long-term investment and clients need a reliable, long-term partner. ECS Midwest's solar services provide clients with innovative renewable energy solutions that can be customized to satisfy unique power requirements while also helping to lower energy costs.

## Water/Wastewater Treatment Plants

ECS Midwest experts specialize in retrofitting and upgrading under-functioning or troubled water and wastewater treatment plants. Without having to expand existing tanks, our technicians can convert plants so they can handle ammonia and nutrients, and understand that membrane bioreactors with submerged membrane modules have emerged as an attractive choice for meeting stringent effluent goals.



ECS MW 210608