



ECM Holding Group, LLC

The ECM Holding Group provides a suite of energy conservation technologies and project solutions to leading North American ESCOs and Corporate Clients.

Our innovative solutions are delivered cost-effectively with turn-key development and implementation, professional project management, and a comprehensive measurement & verification program. Our projects end with a client satisfaction survey, and we evaluate our staff based on these results.

ECM portfolio of efficiency measures:

1. Comprehensive approach
2. Wide range of measures
3. Strong return on investment
4. Proven innovative solutions

Our Clients often bundle multiple measures for the efficiency of a single point-of-contact. We call managing projects across disciplines the ECM **1-Touch System™**. Our customers appreciate reaching multiple teams with a single phone call.



Infrared Image:
Heat loss measurement

Customer Base by Industry:

- Commercial & Industrial
- State and Local Government
- Military and Federal
- Universities
- K-12 Schools
- Laboratory Environments





ESCO Advantage

ESCOs Profit with ECM



- **Professional:**

Our Project Managers have extensive energy efficiency and ESCO project experience.

- **Engaged:**

We leverage technology to communicate, document, and close-out projects effectively.

- **Optimized:**

We self-perform most of our work to achieve a premium level of quality, value, and service.

ECM is committed to supporting ESCOs during the entire sales process – from preliminary study through investment grade audit.

We work at-risk alongside you during the audit, delivering proposals with information about our measures, scope details, pricing break-outs, and savings estimates along with calculation methodologies and M&V options.

During Project Implementation, our team of experienced Project Managers deliver with one goal, the return of highly rated post-project surveys from our clients!

We do this through leveraging technology to enhance communication, complete project documentation, and guide project close-outs.

Finally, our team will work with your Performance Assurance Engineers to craft a customized M&V plan.

Our measures are highly measurable and can be cost effectively delivered to demonstrate the performance your client desires.





Portfolio Companies

Weatherization & Window Film



Building Envelope Solutions (BES)

drives down energy consumption by sealing the exterior of the building to minimize the flow of uncontrolled air through cracks, holes, and gaps.

BES also provides turnkey window film services. Many variables affect savings (materials, window-to-wall ratio, existing glass, etc.), but window film consistently provides an attractive ROI. BES uses the highest quality weatherization products to ensure that project benefits continue for the expected life of the technology.

Critical Air Environments



TEL Fume Hood Controls

is a world leading manufacturer of laboratory airflow and kitchen exhaust controls and monitors: ECM is their North American affiliate. TEL provides engineered turn-key retrofits (including retro-commissioning), certification services, fume hood auto-sash controls, and design consultation.

TEL Kitchen Controls are used to convert constant volume kitchen exhaust systems into energy efficient VAV controlled systems. This technology will significantly reduce energy, maintenance, and other operational costs.

Refrigeration & Freezer Controls

TEL delivers monitoring and automation solutions for commercial and industrial walk-in systems. This results in long-term energy, maintenance, and other operational benefits.

HVAC Rejuvenation



HVAC Armor provides protection and rejuvenation solutions to help ensure our clients' HVAC equipment operates at its highest level of efficiency. Our state-of-the-art products and services are applied to both new and used equipment, saving energy, enhancing performance, and increasing the useful life of HVAC equipment. HVAC Armor technicians are specially trained and certified to provide high-quality installations.

Information Technology



Green IT Solutions

provides leading-edge technology for driving savings and efficiencies into large computer and printer systems.



Corporate Advantage

Lighting & Power



ECM Lighting is a full-service turnkey contractor for ESCO and large corporate clients. Our teams have completed over 100 million square feet of retrofit lighting. We offer a flexible approach to deliver the most savings and best solutions for our clients on every project.

Destratification Fans are devices which eliminate hot and cold spots in high-ceiling or drop-ceiling facilities to reduce energy costs while increasing occupant comfort.

GenHP is a patented heat pump technology for generator engine blocks which adds a redundant heat source to increase system reliability and save 70%-85% on energy costs.

Optimized for C&I Success

Commercial and Industrial facilities have many ways to reduce utility expenses. ECM's partnership process provides a wide-range of technologies that deliver results without having to work with multiple vendors.

Our ability to identify, validate, and self-implement multiple measures offers a streamlined approach to achieving sustainability goals.

Depending on geographic location and facility type, ECM has a number of potential measures to meet your energy efficiency goals. Our auditing teams review hundreds of buildings every month, and our project teams implement measures in 40-45 states annually.

Because our auditors are trained to identify multiple measures, we often develop projects with larger scopes, lower costs, and very attractive ROI.

If you are a national firm with large facilities, ECM excels at developing solutions with a quick payback.

ECM has a strong track record of securing custom rebates and incentives from utilities nationwide.

Most clients first chose ECM due to our innovative solutions and our ability to quantify savings, but our key to sustaining long-term client relationships rests upon delivering projects cost-effectively and on-schedule.



Water Technologies

AQUA Energy Services

AQUA is a leading nationwide water conservation company that offers water fixture tuning and upgrades, cooling tower cost savings, smart meter retrofits, irrigation optimization, and sustainable pool technologies. AQUA's focus is water & sewer savings, and any expense associated with water, whether it's heating, treating, pumping, steam, or electric.