

EA Energy Solutions

Company Profile



Who we are
**WHAT WE
LOVE TO DO**

WHO WE ARE

**founded
in 2016**

ENERGY EXPERST

**FOR ALL PROJECT
OF EVERY TYPE**

ENERGY STUDIES

ENERGY MODELS

COMMISSIONING

ENERGYSTAR

IoT Energy Mointoring

RETAIL

HEALTHCARE

EDUCATION

OFFICE

GOVERNMENT

SUPPLY CHAIN



WHO WE ARE

by numbers



1 Million sq.ft.
energy
audits
completed



2000
projects
completed



100+
SCHOOLS
LEED
CERTIFIED



\$5.4
Million
in
Incentives



340 STUDIES
COMPLETED



5 MILLION
SQUARE FOOT
COMMISSIONED



250+ LEED
CERTIFIED
BUILDINGS

© Batard



our story

EA Energy Solutions was founded in 2016 with a mission to create a better future for our planet. Our guiding principle is simple, **produce quality results while providing superior client support.** We believe that through innovative engineering solutions and a commitment to sustainability, we can make a meaningful impact on the environment.

Our team of experienced engineers work tirelessly to study, design and implement systems and best practices for our clients. From project planning to building occupancy, we are dedicated to finding the most effective ways to reduce carbon footprint and promote a more sustainable future.

Vision

Within our generation buildings will be recognized for energy produced not used, and by positive health impact, not CO2 emitted.

Core Values

Passion

Sustainability is in our DNA. It is an integral part of who we are as a company and people.

Commitment

We are proud of the work we do. Our team is dedicated to support our clients.

Integrity

We care about the details. We do things the "right way". We learn to improve, every day.

Wellness

Wellness matters. Our firm strive to create a positive and healthy work environment

WHAT WE LOVE TO DO

We specialize in providing energy related services for various **public** sectors such as state and local government, and education as well as the **private** sector as retail, healthcare, office.

Energy is our forte and we have the skills to tackle any project type including, commissioning, energy studies, EnergyStar certification, and IoT energy monitoring.

ADVISE



energy studies



incentive analysis



design review

ANALYZE



energy modeling



energy audits



decarbonization

VERIFY



commissioning



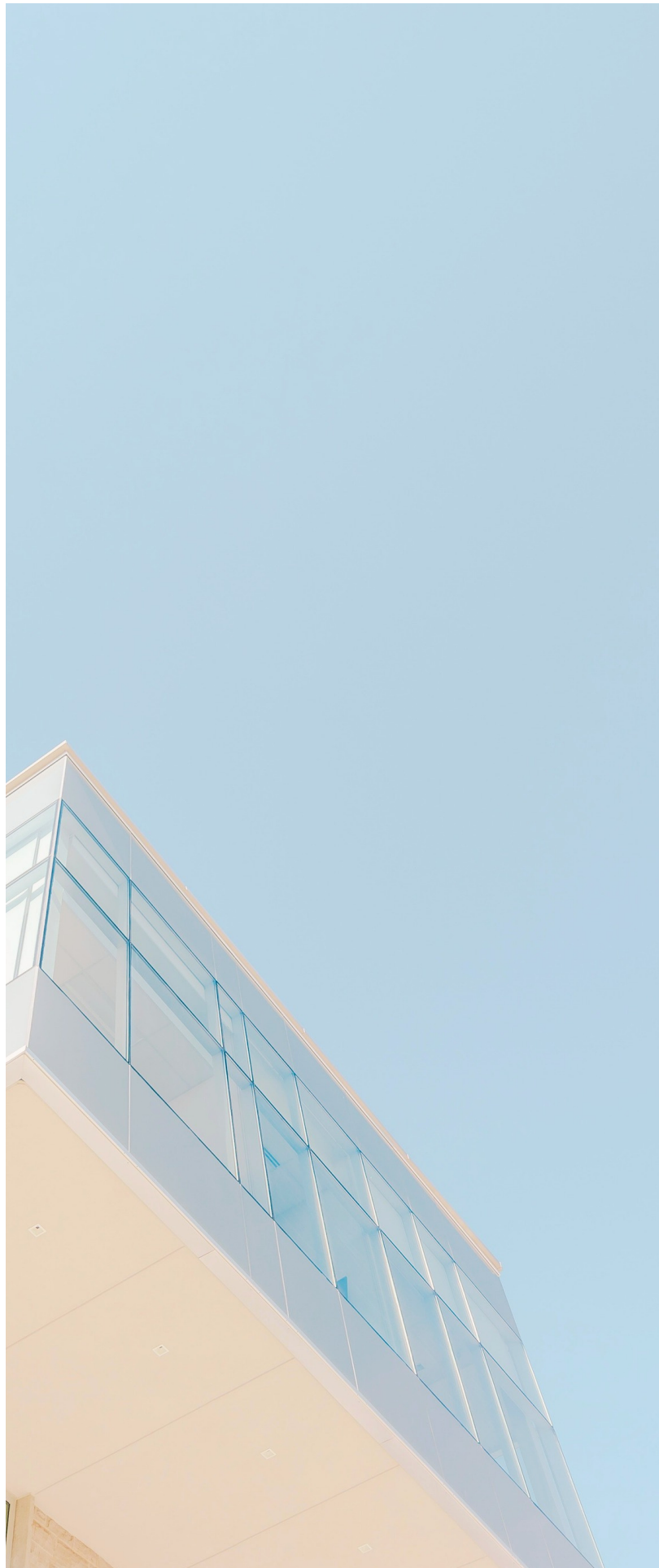
LEED certification



performance monitoring



construction support





our leadership Team



Master's Degree Environmental Engineering

Bachelor's Degree Mechanical Engineering

20 years Energy Leadership experience

Professional Engineer

LEED Accredited Professional

Certified Energy Manager

Certified Energy Auditor

Certified Demand Side Manager

Certified Commissioning Authority

Commissioning Process Management Professional

Mohamed El-Sayed

Founder & Managing Principal

As a Principal at EA Energy, Mohamed El-Sayed oversees the successful delivery of Energy Solutions services to clients and national account customers. These services focus on enhancing energy efficiency for new construction projects, renovations, and existing buildings, and supporting the overall goals of EA Energy Solutions.

Mohamed is a licensed Professional Engineer who excels in the integration of engineering and energy management. With over 17 years of experience in the industry, he has demonstrated exceptional leadership in managing energy service divisions and delivering successful energy-related projects for several organizations. Under his guidance, several groundbreaking projects were completed, including the first LEED Platinum commercial buildings in Ohio and Indiana and Ohio's first LEED Platinum school.

In addition to his operational experience, Mr. El-Sayed is active in the USGBC's Ohio Chapter as well as several other professional and civic affiliations.

Mohamed has earned a Master's Degree in Environmental Health & Safety from the University of Cincinnati and an undergraduate degree in Mechanical Engineering from Zagazig University.

DuWayne Baird

Director Construction Services



A.A.S., Construction Management
B.S. Construction Systems Management

10 years Energy Leadership experience

LEED Accredited Professional

DuWayne is a highly accomplished LEED professional with over a decade of experience in delivering LEED certifications across a diverse portfolio of project types. He has facilitated the certification of over 3 million square feet of retail, healthcare, K-12, and higher education projects across the United States. He has a demonstrated track record of effectively guiding owners, architectural and engineering design professionals, and general contractors through the entire process of LEED credit compliance and documentation requirements.

DuWayne possesses a strong proficiency in guiding project teams on the intricacies of the various credits strategies within the LEED rating systems. He co-leads business development initiatives with architectural and engineering firms, facility owners, and operators to drive new business and revenue growth. He has a comprehensive understanding of EnergyStar, federal tax credit incentives, utility rebate programs, and green funding sources.

Prior to his current role, DuWayne spent 4 years as a Technical Account Manager with the AEP Ohio Business Incentives New Construction program, where he was responsible for leading business-to-business development efforts with AEP Ohio customers, including school districts, higher education institutions, healthcare organizations, manufacturers, and private businesses. He also ensured that supporting data and documentation were created and collected for engineering review, third-party audits, and regulatory compliance with the Ohio Public Utilities Commission."

Travis Yoder

Senior Project Manager



Master's Degree Environmental Engineering

Bachelor's Degree Mechanical Engineering

15 years Energy Leadership experience

LEED Accredited Professional

With 14 years of experience in the HVAC industry, Travis has progressed from designing projects to serving as a project manager. He has successfully established an Energy Solutions department and effectively led design teams to achieve specific energy usage targets and energy efficiency certifications.

Travis provides expert insights to his clients in their efforts to improve energy efficiency and sustainability in existing buildings and new construction projects. He has successfully executed projects across a wide range of market segments. To enhance project productivity and efficiency, Travis has developed specialized project management templates and tools. He enjoys working with owners, architects, design professionals, and contractors and effectively communicates with all parties to successfully deliver projects.



Bachelor's Degree Mechanical Engineering

7 years Energy Leadership experience

LEED Accredited Professional

Khalid El-Sayed

Senior Energy Engineer

Khalid is a skilled energy engineer who has been providing various energy solutions to different clients for over 7 years. Khalid has worked on projects in different market sectors, such as residential, commercial, industrial, and public.

Khalid handles every project with a calm and focused attitude, aiming to achieve the best results for clients. He listens to their needs and expectations and proposes customized solutions that meet their goals and budget.

Khalid has a lot of experience in the whole project life cycle, from building energy auditing to energy simulations, sustainability certifications, and post-implementation measurement and verification. He uses advanced tools and software to conduct accurate and reliable analyses and follows up with clients to ensure their satisfaction and continuous improvement.

IKEA North America

Multiple Locations

IKEA North America has set a goal of reducing dependence on fossil fuels and achieving zero emissions by 2030. To reach this target, IKEA is focused on reducing energy consumption and producing energy on-site.

EA Energy was fortunate to support IKEA in this effort by creating a roadmap for maximizing energy efficiency, reducing greenhouse gas emissions, and maximizing the return on investment.

By engaging in collaborative conversations with all stakeholders, EA's team was able to identify key objectives, assess current conditions, and create a plan for IKEA's success.

Project Highlights

Location

Multiple Locations

Services

Energy Studies

LEED Certifications

Energy Modeling

Project Area

300,000 on Average



Citi North America

Multiple Locations

Citi Bank North America prioritizes providing its employees and clients with well-functioning, comfortable buildings.

To achieve this, the bank consistently implements aggressive sustainability and commissioning standards for all occupied spaces.

By working with the experts at EA Energy's team, who document the spaces' requirements, collaborate with consultants and contractors, and test system functionality, Citi Bank can ensure that each building operates optimally from the start.

By engaging in collaborative conversations with all stakeholders, EA's team was able to identify key objectives, assess current conditions, and create a plan for Citi's success.

Project Highlights

Location
Multiple Locations

Services
Commissioning

Project Area
10,000 on Average



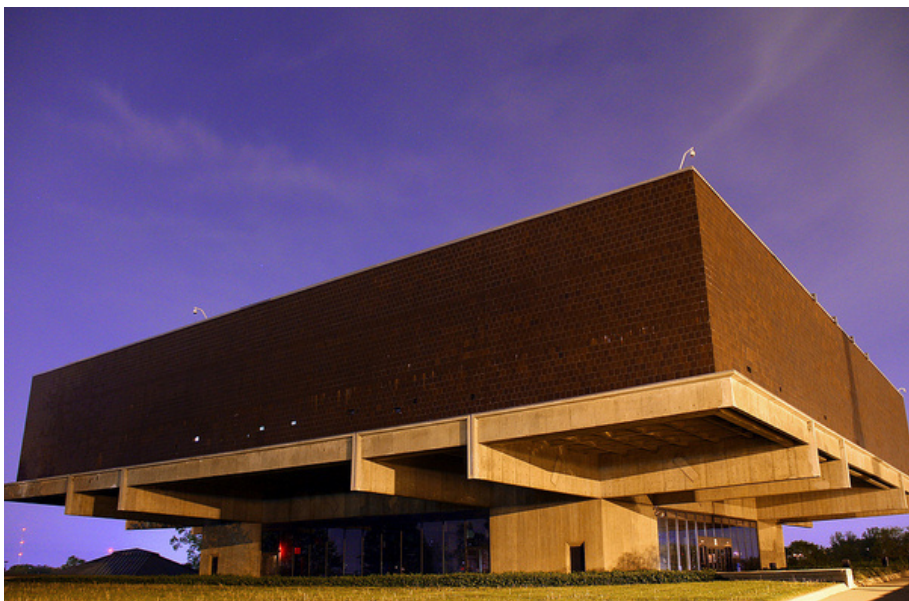
OHIO History Center

Columbus, OH

EA Energy Solutions collaborated with The Ohio History Center to design and construct a new archive space that meets the LEED Silver certification standards.

LEED (Leadership in Energy and Environmental Design) is a globally recognized green building rating system that provides a framework for healthy, efficient, and cost-saving green buildings. The project focused on staff wellness and artifact preservation, as well as reducing environmental impact and operational costs.

The project achieved a 30% reduction in energy consumption and a 20% reduction in water usage by selecting energy-efficient building systems and features. The site also supports sustainability by providing electric vehicle charging stations and carpool spaces. Additionally, the project used drought-resistant plants for landscaping, which further reduced water usage and contributed to sustainability goals.



Project Highlights

Location

Columbus, OH

Services

LEED Certification

Energy Modeling

Commissioning

Project Area

70,000 Square Foot

Dave and Busters

Multiple Locations

Dave & Buster's is a leader in family entertainment that cares about the environment and the future of the planet. The company ensures that all their buildings are commissioned to operate at optimal performance from the very first day of opening.

EA Energy has been their trusted partner in this process for many years, reviewing design plans and testing systems for functionality and efficiency. Through their collaboration, EA Energy has helped Dave & Buster's avoid problems such as energy waste, equipment malfunction, and customer dissatisfaction.

By working with EA Energy, Dave & Buster's has achieved their sustainability goals and delivered high-quality entertainment to their guests.

Project Highlights

Location

Multiple Locations

Services

Commissioning

Project Area

70,000 Square Foot



Sonic Automotive

Multiple Locations

EA Energy has successfully managed LEED certification for 12 of Sonic's dealerships, with 6 already certified and the rest in progress. LEED (Leadership in Energy and Environmental Design) is a globally recognized symbol of sustainability achievement and leadership that provides a framework for healthy, efficient, and cost-saving green buildings.

EA Energy collaborated with design teams to create a prototype and standard design documents and specifications and monitored construction to ensure LEED adherence.

Throughout the process, EA Energy prioritized LEED certification, resulting in a track record of success. They also played a key role in documenting the projects, tracking, and reporting on LEED requirements.

Project Highlights

Location

Multiple Locations

Services

LEED Certification

Energy Modeling

Project Area

30,000 on average



