



## ***Experience and Qualifications of Individuals, Team***

Energia has design and consulting professionals, including professional engineers, registered architects, energy engineers, project managers, certified energy managers, LEED-accredited professionals, certified code enforcement officials, and administrative staff.

We have over a dozen certifications, including the following, to name a few:

- Certified Energy Manager (CEM)
- Leadership in Energy and Environmental Design Accredited Professional (LEED-AP) Certified Energy Auditor (CEA)
- Certified Green Building Engineer
- Certified Building Commissioning Professional (CBCP) Certifications
- Certified Measurement and Verification Professional
- Certified Demand-Side Manager

Energia experts are considered the top professionals in the field, and they lend credibility, transparency, and control to the process, ensuring the district's interests are protected throughout every phase.

# THE VALUE OF OUR EXPERTISE

## ***PE, Professional Engineer***

A PE possesses advanced expertise in their specific engineering discipline. They have demonstrated a thorough understanding of engineering principles, design standards, and ethical practices. With a PE certification, an engineer is equipped to take on complex projects, ensure compliance with safety regulations, and provide reliable solutions that meet the highest professional standards in their field.

## ***CEM, Certified Energy Manager***

A CEM is an expert in energy management and efficiency. Individuals with a CEM certification have demonstrated proficiency in optimizing energy usage, identifying energy-saving opportunities, and implementing sustainable practices across various industries. Their expertise includes energy auditing, conservation measures, and the ability to develop and manage comprehensive energy management programs, contributing to cost savings and environmental sustainability for organizations.

## ***LEED-AP, Leadership in Energy and Environmental Design - Accredited Professional***

A person with a LEED-AP certification is highly knowledgeable in sustainable building practices. LEED-APs are experts in the Leadership in Energy and Environmental Design (LEED) rating system, which assesses and certifies the environmental performance of buildings. Their expertise includes designing and implementing green building strategies, optimizing energy and water efficiency, promoting indoor environmental quality, and incorporating sustainable materials and practices. LEED-APs play a crucial role in advancing environmentally responsible and resource-efficient construction and design.

## ***CEA, Certified Energy Auditor***

A CEA possesses expertise in evaluating and optimizing energy usage within various facilities. CEAs are trained to conduct comprehensive energy audits, identifying inefficiencies and recommending strategies to improve energy efficiency and reduce consumption. Their expertise includes analyzing energy consumption patterns, assessing building systems and equipment, and providing actionable recommendations to enhance overall energy performance. CEA-certified professionals play a vital role in helping organizations minimize energy costs, achieve sustainability goals, and contribute to environmental conservation through effective energy management practices.

# THE VALUE OF OUR EXPERTISE

## ***GBE, Certified Green Building Engineer***

A GBE demonstrates a high level of knowledge and expertise in green building principles and practices. They are equipped to design, construct, and manage sustainable and energy-efficient buildings that minimize environmental impact while promoting occupant health and well-being. GBEs are well-versed in various green building rating systems, including LEED, and can effectively navigate the regulatory landscape related to green building initiatives. They are also proficient in implementing strategies to enhance building energy performance, optimize water usage, and reduce waste generation.

## ***CMVP, Certified Measurement and Verification Professional***

A CMVP is an expert in the field of measurement and verification (M&V) of energy performance. CMVPs are skilled in assessing and validating energy savings resulting from energy efficiency projects. Their expertise includes developing M&V plans, conducting energy measurements, analyzing data, and ensuring the accuracy of energy performance assessments. CMVPs play a crucial role in verifying the success of energy conservation measures and supporting effective energy management practices in various industries.

## ***CBCP, Certified Building Commissioning Professional***

A CBCP is an expert in building commissioning—a systematic process to ensure that a facility's systems and components function efficiently. CBCPs possess expertise in assessing and optimizing the performance of mechanical, electrical, and other building systems. Their skills include developing and implementing commissioning plans, conducting thorough testing and analysis, and collaborating with various stakeholders to enhance overall building functionality. CBCP-certified individuals play a vital role in ensuring that buildings operate reliably, meet performance standards, and contribute to energy efficiency and sustainability goals.

## ***CDSM, Certified Demand Side Manager***

CDSMs are highly skilled professionals who play a pivotal role in the energy sector, particularly in the realm of demand-side management (DSM), load management (LM), and demand response (DR) programs. Equipped with in-depth knowledge and expertise, CDSMs are responsible for planning, evaluating, designing, implementing, managing, verifying, analyzing, and developing strategies for these programs, ensuring that organizations optimize their energy consumption and reduce their environmental impact.

# THE VALUE OF OUR EXPERTISE

## ***RA, Registered Architect***

A person with a RA certification is a licensed professional with expertise in the design, planning, and execution of architectural projects. RAs have demonstrated a comprehensive understanding of architectural principles, building codes, and construction standards. Their expertise extends to conceptualizing and creating functional, safe, and aesthetically pleasing structures. RAs play a crucial role in overseeing the architectural aspects of construction projects, collaborating with clients and other professionals, and ensuring that buildings meet both artistic and regulatory requirements.

## ***AIA, American Institute of Architects***

Individuals with an AIA (American Institute of Architects) certification possess a comprehensive understanding of architectural principles, practices, and regulatory guidelines. They are equipped to design, construct, and manage a wide range of architectural projects, ensuring that they meet functional, aesthetic, and environmental standards. AIA-certified architects are proficient in the use of various design software tools and possess strong communication and collaboration skills. They are also well-versed in building codes, zoning regulations, and sustainability principles.

## ***NCARB, National Council of Architectural Registration Boards***

Architects who are NCARB-certified have typically completed the rigorous requirements set by NCARB, demonstrating competence in various areas of architecture, including education, experience, and examination. NCARB certification signifies that an architect has met national standards and can often facilitate the reciprocal licensure process across different U.S. jurisdictions. Professionals with NCARB certification are well-versed in the regulatory aspects of architecture and are committed to maintaining high standards of competence and professionalism in their practice.

## ***LEED-GA, Leadership in Energy and Environmental Design - Green Associate***

A person with a LEED-GA certification has expertise in sustainable and environmentally friendly building practices. LEED (Leadership in Energy and Environmental Design) is a widely recognized green building certification system. Individuals with a LEED-GA certification have demonstrated knowledge of green building principles and practices, including energy efficiency, water conservation, indoor environmental quality, and sustainable site development. LEED-GA professionals play a crucial role in supporting and contributing to environmentally responsible building projects.



# ENERGIA PROJECT TEAM



## **Kendra A. McQuilton, Chief Executive Officer**

Kendra is responsible for establishing and communicating Energia's strategic direction, balancing resources, and ensuring the company's values are applied from top to bottom. She oversees all decisions regarding human resources, legal, and financial matters, and is responsible for the company's overall performance.



## **David M. Newman, PE, CEM, LEED-AP, CEA, GBE, Vice President, Engineering**

David manages Energia's internal and project operations where he leverages over 20 years of diverse experience in engineering project management and engineering design services. David's knowledge and background with Energy Saving Performance Projects is unparalleled, and he is considered an expert in the legal, financial, engineering, and construction aspects of the projects.



## **Rob Sullivent, PE, CEM, CMVP, CBCP, CDSM, Vice President of Technical Services**

Rob oversees the management and execution for all Energia energy performance contracts and capital projects from project development through delivery. He has more than 35 years of experience in engineering design, facilities operations, and energy efficiency with an emphasis on public sector clients.



## **Matthew Kazubowski, RA, AIA, NCARB, LEED-GA, Vice President of Architectural Design**

Matthew has 20 years of diverse experience in architectural design in commercial, institutional, and school construction management, including 15 years with the New York State Education Department.



## **Justin Benoit, CEM, Senior Project Manager**

Justin is responsible for managing technical aspects of projects from conception to completion including mechanical, electrical, and plumbing design. As a project engineer, he is involved in all facets from new project development to support in the design and construction phases. Justin is a graduate of Binghamton University with a B.S. in Mechanical Engineering.



## **Michael Carlson, CEM, Project Development Engineer**

Michael is responsible for energy benchmarking studies, technical and financial analysis of ESCO proposals, overseeing the development of Comprehensive Energy Audits, and representing Energia at all project meetings. Michael is a graduate of Binghamton University with a B.S. in Mechanical Engineering.



# ENERGIA PROJECT TEAM



## **Phil Smalley, PE, Mechanical Engineer**

For over 25 years, Phil has been providing engineering services, including mechanical (HVAC), electrical, plumbing, fire sprinkler, and life safety systems. Phil's experience includes Energy Performance Contracting (EPC) for various school districts and municipalities throughout the state of New York. Those projects include the replacement of chillers, cogenerations systems, boiler plants, HVAC systems, and many others to new energy efficient systems.



## **Adam Vesterholt, PE, CEM, Senior Energy Engineer**

Adam has 10+ years experience providing energy engineering services to government, nonprofit, institutional, and private clients. Adam provides detailed technical and financial evaluation in energy services, energy conservation, and alternative energy measures. He is experienced in energy conservation development, facility operations, power plant operations, energy savings analysis, project management, and utility bill analysis. Adam handles the technical review of Comprehensive Energy Audits, proposals, and measurement and verification reports.