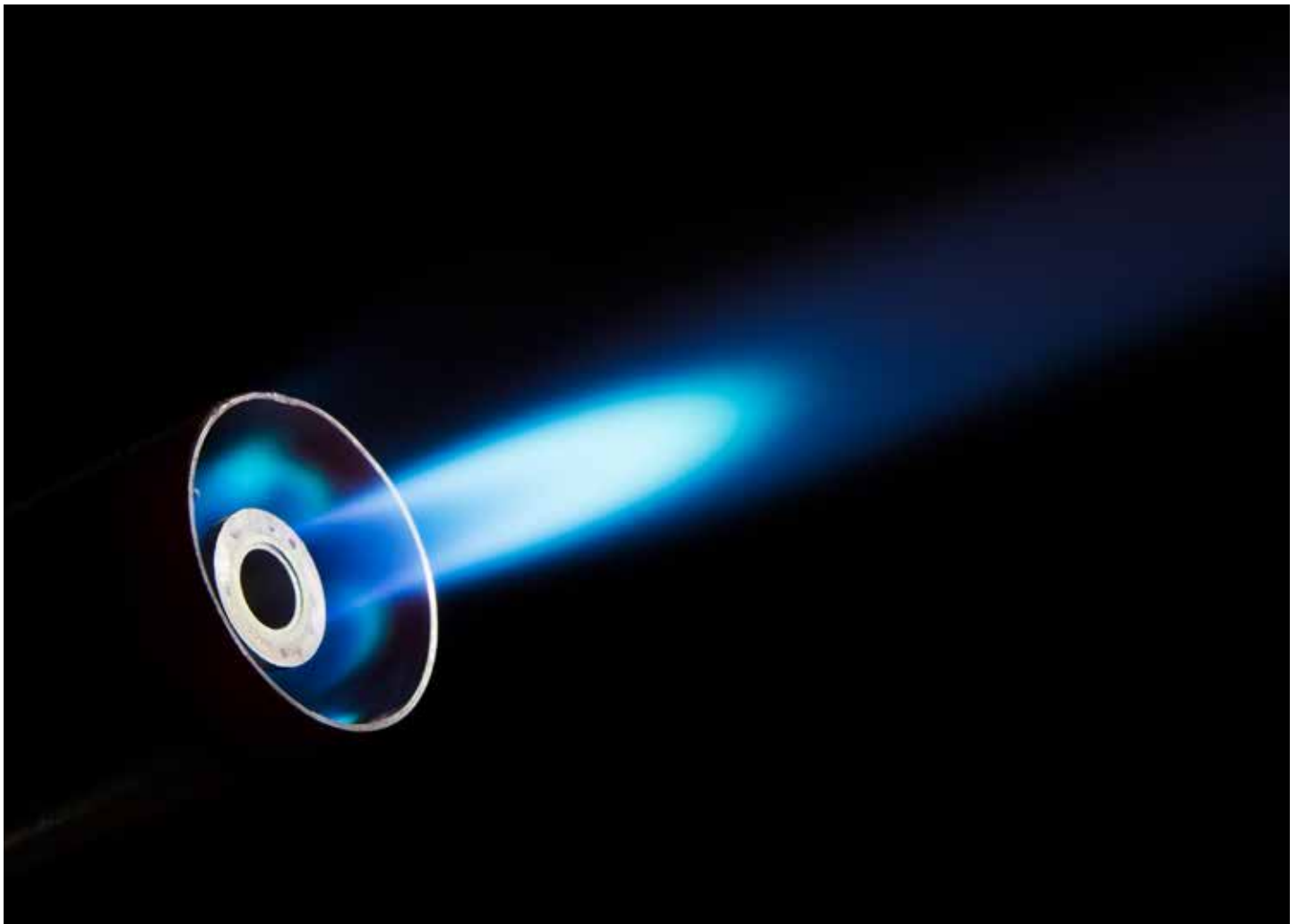




INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

Stowe & Sons provides energy engineering services to a diverse range of sectors



In the fall of 2025, after 24 years in industrial manufacturing plants followed by 14 years in the energy engineering business, owner and principal engineer Michael L. Stowe started Stowe & Sons PLLC, an energy engineering consulting firm in North Carolina. As the sole owner and principal engineer, Stowe continues to provide industrial and energy consulting to serve a wide variety of clients.

The focus of Stowe & Sons PLLC is to “make more with less.”

For example, if a client is manufacturing bricks, then the company works to help them reduce its total energy consumption and total greenhouse gas (GHG) emissions per brick produced. If a client

is a dairy farmer, then Stowe & Sons helps reduce the total energy consumption and GHG emissions per gallon of milk produced. If the client is a hospital, then the company helps them reduce the total energy consumption and GHG emissions per patient or per square foot of building space.

ENGINEERING ENERGY EFFICIENCY!

The company symbol is E3 which is the three key “E’s” that describe what Stowe & Sons is about: Engineering Energy Efficiency! = E3. Whatever an organization is doing, Stowe & Sons can make processes,

facilities, and buildings more efficient. This saves energy, reduces energy costs, and reduces GHG emissions.

IHEA is a great connecting point for Stowe and Sons PLLC. Stowe has been a member of IHEA since 2011 and was the IHEA president in 2019-2020. He continues to work on the board of directors and the Sustainability and Energy Management committee.

“IHEA membership is a great match for my new company, and I look forward to providing energy management, energy efficiency, and sustainability knowledge to IHEA members and their customers,” Stowe said.

DIVERSE SECTORS

Stowe & Sons PLLC provides energy engineering services to a diverse range of commercial and industrial (C&I) business market sectors including: K-12 schools, colleges and universities, city government, hospitals, retail, restaurants, warehouses & storage, primary metals, fabricated metals, machinery and electrical manufacturing, transportation equipment, furniture, textiles, pulp and paper, chemicals, plastics, food & beverage, agriculture, water and wastewater treatment, and others.

WIDE RANGE OF SERVICES

Stowe & Sons PLLC provides engineered energy efficiency, which is persistent and will provide ongoing savings.

The company can help improve the energy efficiency of processes, facilities, and buildings, and help build an energy management system (EnMS) to deliver continual improvement.

Stowe & Sons PLLC provides a wide range of technical engineering services for improving energy efficiency and energy management including:

- » Commercial and industrial site energy assessments.
 - » Energy efficiency evaluations for the following systems: compressed air; boilers, steam, hot water, and combustion; chillers, cooling towers, and heat exchangers; HVAC; lighting; motors and variable frequency drives (VFDs); fans and pumps; water and wastewater treatment systems; all types of industrial processes; renewable energy systems; and more.
 - » Commercial and industrial maintenance programs including predictive maintenance methods.
 - » Application of process heating technologies such as infrared, induction, electrical resistance, ultraviolet, radio frequency, microwave, and electron beam.
 - » Utility energy efficiency and incentive programs.
 - » Implementation of strategic energy management (SEM) programs.
 - » ISO 50001 Energy Management Standard — consulting for third-party certification.
 - » ISO 50001 internal auditing of the EnMS.
 - » ISO 50001 internal auditor training.
 - » DOE 50001 Ready Program — Cohort Lead Coach.
 - » Commercial and industrial energy mapping and energy modeling.
 - » Commercial and industrial GHG emission accounting and reduction.
 - » Beneficial electrification technologies and implementation.
 - » Lean manufacturing and continuous improvement methods.
 - » Research and development of energy management strategies and technologies, and delivery of this information in the form of coaching, teaching, presenting, writing, and implementing.
 - » Other customized energy services as needed.
- Stowe & Sons has the ability to map out and improve energy con-



sumption and then relate this energy consumption to its related onsite GHG emissions and to build systems to ensure the continual improvement of energy consumption and its related GHG emissions.

U.S. ISO TECHNICAL ADVISORY GROUP

Stowe is a member of the U.S. ISO Technical Advisory Group (TAG) to ISO technical committee (TC 301) for energy management and energy savings.

The U.S. ISO Technical Advisory Group (TAG) is the American National Standards Institute’s (ANSI) sanctioned body to develop and advance the official U.S. position in the International Organization for Standardization’s (ISO) Technical Committee 301, which developed the ISO 50001 Energy Management Systems standard and the related series of international energy management documents.

Just recently, TC 301, working group one (WG1) worked to produce ISO 50100, a new standard for Energy management systems and energy savings — decarbonization — requirements with guidance for use. This new standard provides guidance on setting up and tracking energy related GHG emissions reduction goals and provides a pathway to validate and verify meeting these goals.

STOWE & SONS CAN HELP

Stowe is a U.S. Navy veteran who served in the Navy on submarines from 1982 to 1987.

“If you have specific energy and GHG emission reduction goals, if you need to get ISO 50001 third-party certification, or if you just want to get started on improving your energy and GHG emission tracking systems, Stowe & Sons PLLC can help,” Stowe said. “We are flexible and can meet you where you are on your energy journey and help you get from your Point A to your Point B. If any of this is of interest of you, please reach out.”

For more information, contact Stowe at 919-904-0279 or michael@stoweandsons.com.

INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

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