



John Lesch

CEM

Senior Energy Engineer

John is a versatile engineer with ten years of experience in the energy optimization industry. He has significant experience in performing energy audits and energy studies as well as creating full building energy models and energy savings calculations. John also has experience in assisting design of energy upgrades as well as assisting retro-commissioning and commissioning efforts. He is proficient with creating drawings in AutoCAD.

EDUCATION

Stevens Institute of Technology

Bachelor of Engineering in Mechanical Engineering 2013

RELEVANT EXPERIENCE

- Performed energy audits and specific energy studies for major clients, including manufacturing facilities, universities, and office buildings
- Managed projects through the NJ Pay for Performance incentive program for various customers, including performing all building energy modeling, reaping over \$2 million in incentives
- Oversaw all Large Energy Users incentive program submissions for an NJ university, which is a pipeline that currently includes approximately \$3 million in incentives
- Created proposed building energy models and ASHRAE 90.1 appendix G baseline models for LEED certification efforts
- Assisted retro-commissioning efforts for major clients including pharmaceutical facilities, manufacturing facilities, and office buildings
- Aided in creating HVAC drawings and schedules in AutoCAD including for energy upgrade projects at a New Jersey university
- Conducted comprehensive energy audits for commercial and residential properties, identifying opportunities for energy efficiency improvements and cost savings
- Implemented energy-saving measures, resulting in a reduction in annual energy consumption and significant cost savings for clients
- Performed detailed site surveys and compiled comprehensive reports to support project planning and decision-making processes
- Designed mechanical systems and components, ensuring functionality, reliability, and compliance with industry standards

CERTIFICATIONS AND SKILLS

Certifications:

- Association of Energy Engineers (AEE)
 - Certified Energy Manager (CEM)
- Occupational Safety and Health Administration (OSHA)
 - 10-Hour Outreach Training for General Industry

Skills:

- Software:
 - Microsoft Office Suite, AutoCAD



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