

Dimitri Contoyannis, PE

President, Model Efficiency
PE, LEED AP, CEM

EXPERIENCE

Model Efficiency, Concord, MA — President

JAN 2019 - PRESENT

Mr. Contoyannis provides strategic guidance based on rigorous technical analysis to state agencies and utility company efficiency programs to help them meet their energy efficiency goals. Clients include the California Energy Commission, Pacific Gas & Electric, and Southern California Edison.

He is currently leading a DOE-sponsored effort to develop an online building energy modeling (BEM) education website ("BEMcyclopedia"). The goal is to develop tutorials that clearly show the link between BEM analysis and the project team's design objectives, organized by project phases and tasks.

Mr. Contoyannis is a member of the IBPSA-USA Board of Directors. He is chair of the Certification Committee which seeks to develop consensus procedures for jurisdictions to approve BEM software, and perform QA/QC of submissions. He is also a member of the Education Committee.

NORESCO, San Francisco, CA — Director, Sustainability

FEB 2011 - DEC 2018

Mr. Contoyannis was responsible for securing and leading multi-million-dollar, multi-year contracts as the prime contractor with organizations including the California Energy Commission (CEC), Pacific Gas & Electric, and Southern California Edison. In this role, he provided strategic guidance and technical analysis to help advance the state's energy efficiency and decarbonization goals.

He led project teams over multiple Title 24 (energy code) update cycles to analyze and report on updates to the code and develop strategic direction for the state to pursue its aggressive energy goals. Mr. Contoyannis developed technical reports, synthesizing the results of research and analysis of large parametric energy simulation data sets, and presented the findings at many public workshops to ensure that stakeholders were informed and that constructive feedback could be collected. Other supporting efforts included the development of the ACM manual – a technical manual that describes the energy modeling procedures for code compliance in California, and leading a statewide team to develop the CEC's next-generation open-source compliance software to implement the ACM requirements.

Integrated Environmental Solutions, LTD , San Francisco, CA — Business Development Manager

2008 - 2011

Managed business development and sales in North America. Managed product development for energy analysis features including ASHRAE 90.1 Performance Rating Method (for LEED), ASHRAE 62.1 Ventilation Rate Procedure, and significant upgrades to the software's HVAC load calculation algorithms and reporting.

Cannon Design, San Francisco, CA — *Mechanical Engineer*

2004 - 2008

Mechanical engineering - HVAC system design, energy analysis, LEED certification management.

Einhorn Yaffee Prescott (EYP) , Boston, MA — *Mechanical Engineer*

2001 - 2004

Mechanical engineering - HVAC system design, energy analysis.

REGISTRATIONS

- PE, Mechanical Engineering, California
- LEED® Accredited Professional
- CEM, Certified Energy Manager

ATTRIBUTES

- Proficient in building simulation software including EnergyPlus, CBECC-Com, IES Virtual Environment, and eQuest.
- Extensive public speaking experience at numerous conferences including:
 - 2024, 2023, 2018, 2016, 2014 BPACS and Simbuild (ASHRAE/ IBPSA-USA)
 - 2018 ACEEE Summer Study (ACEEE)
 - 2017 Building Simulation (IBPSA)
 - 2017 Build Energy (Northeast Sustainable Energy Association)
 - 2011 Greenbuild (US Green Building Council)
 - 2010 Canadian Green Building Council Conference (CaGBC)
 - 2010 Daylighting Forum (Heschong Mahone Group)
- Strong technical writer (refer to publications section of LinkedIn profile at <https://www.linkedin.com/in/dimitri-contoyannis>)

EDUCATION

Tufts University, Medford, MA

1996 - 2001

B.S. Mechanical Engineering