

**Dustin K. Langille** - Principal / Practice Leader  
BEMP, HBDP, LEED AP

#### Experience and Expertise (12 Years)

- Team/Project Management
- Technical Knowledge
- Renewable Energy
- Sustainable Design
- Energy Modeling
- Construction Knowledge
- Cost Estimating
- Controls & Commissioning
- Troubleshooting
- Master Planning
- Collaboration
- Experience in Diverse Markets



#### Education

- Bachelor of Science, Mechanical Engineering; Miami University, Oxford, OH
- Master of Science, Mechanical Engineering; University of Dayton, Dayton, OH  
- Recipient, Fellowship Award Renewable and Clean Energy
- Numerous Continuing Education Courses

#### Award-Winning Projects

ASHRAE Illinois Chapter, First Place Awards

- [2020 The Legacy at Millennium Park Electric to Gas MAU Heating Conversion](#)
- [2020 3833 North Broadway New Construction Apartment Building](#)
- [2016 Loyola University Schreiber Center \(QSOB\)](#)
- [2015 The Fordham Condominium Make-Up Air System Upgrades](#)
- [2015 Loyola University Health Science Campus ECM Implementation Project](#)
- [2014 Loyola University Institute of Environmental Sustainability](#)
- [2013 Olivet Nazarene University Student Life & Recreation Center](#)
- [2012 Loyola University Cuneo Hall](#)

ASHRAE Region VI Awards

- [2020 3833 North Broadway New Construction Apartment Building](#)

#### Representative Projects

- 2020 King Charles Inn (Charleston, SC) Renovation
- 2020 Northwestern University Tarry Lab AHU Replacement
- 2019 Loyola Cudahy Science Renovation
- 2017-2020 Northwestern University Downtown Chicago Campus Steam Decentralization
- 2016 Moody Bible Institute Culbertson Hall Master Plan
- [2011-2016 Loyola University Retreat and Ecology Center Net Zero Energy Master Plan & Implementation](#)



**Big Picture Thinking. Practical Approach. Sustainable Design.**

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### **Representative Projects (continued)**

- 2015 The Residences at Sherman Plaza Mechanical/Energy Upgrades
- [2014 Northwestern University Downtown Chicago Campus Steam Plant Decentralization Study](#)
- [2013 Loyola University DeNobili Residence](#)
- [2013 Kankakee Community College Wind Tower](#)
- 2012 The Park Alexandria Mechanical/Energy Upgrades
- 2012 Loyola University Health Science Campus Utility Review & Master Plan
- 2012 Loyola University Argonne National Laboratory Study
- 2011 Northwestern University Centennial Solar Panel System

### **Licenses and Certifications**

- Leadership in Energy and Environmental Design Accredited Professional (USGBC)
- Building Energy Modeling Professional (ASHRAE)
- High Performance Building Design Professional (ASHRAE)

### **Professional Affiliations**

- Member; American Society of Heating, Refrigerating & Air-Conditioning Engineers (ASHRAE)
- Member; U.S. Green Building Council (USGBC)

### **Career History**

Mr. Langille, is currently a Principal and Mechanical Team Leader for Elara Engineering. In this role, he leads a team of approximately 3 to 5 mechanical engineers and support staff and serves as engineer-in-charge and primary contact for new construction, renovation and energy retrofit projects involving a wide variety of system types and complexities including variable refrigerant flow (VRF), water source heat pump, and high efficiency boiler and chiller plant designs.

Prior to his role as Mechanical Team Leader, Mr. Langille served as Elara's Energy Team Manager where he led a team of engineers completing numerous energy audits, master plans, and schematic designs for a variety of customers. With expertise in energy modeling and renewable energy systems, including; geothermal, photovoltaic, and solar thermal design, he led the firm's energy modeling program including the adoption of cutting-edge modeling software (IESVE, TRNSYS) used for energy simulations, LEED certifications, and daylighting analyses for complex new and existing facilities. Previously as Senior Mechanical Engineer (2013-2016) and Mechanical Engineer (2010-2013) with Elara, he led the design of high performance projects for high-rise residential, higher education and campus facilities.