

Brian Malone, P.E. - Principal / Practice Leader
C.E.M., C.E.A., LEED AP

Experience and Expertise (15 Years)

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



Education

Bachelor of Science, Industrial Engineering; University of Illinois at Chicago – Chicago, IL

Award-Winning Projects

ASHRAE Illinois Chapter, First Place Awards

- [2020 Loyola University Francis Hall Dormitory](#)
- [2016 Loyola University Schreiber Center \(QSOB\)](#)
- [2014 Loyola University Institute of Environmental Sustainability](#)
- [2013 Olivet Nazarene University Student Life & Recreation Center](#)

ASHRAE Region VI Awards

- [2013 Olivet Nazarene University Student Life & Recreation Center \(2nd Place\)](#)

Representative Projects

- 2021 SD300 Elementary School New Construction
- 2020 CPS Christopher Elementary School Renovation
- 2020 210 East Pearson Steam Boiler Replacement
- 2019 SD7 Wooddale Jr. High / Oakbrook Elementary School HVAC Upgrades
- 2019 SD128 Boiler Replacement
- 2017 University of Illinois-Chicago Academic and Residential Live-Learn Complex
- 2016 Maine Township Maine West High School Steam to Hot Water Conversion
- 2015 1400 Museum Park (100 E. 14th Street) Riser Review & Modifications
- [2015 Loyola University Health Science Campus New Distributed Boiler Plants](#)
- 2015 3900 North Lake Shore Drive Boiler Replacement
- 2014 AbbVie AP50 Steam Humidification Boiler Replacement
- 2014 1600 Museum Park (1629 S. Prairie) New Boiler Plant
- 2014 Northwestern University Pancoe Life Sciences Building Humidifier & Fan Replacement
- 2013 Chicago Racquet Club Steam Boiler Replacement



Big Picture Thinking. Practical Approach. Sustainable Design.

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Representative Projects (continued)

- 2012 Loyola University Maguire Hall Boiler Replacement
- 2012 Loyola University Distributed Boiler Plants (Steam Plant Phase-Out) Phase 2
- [2011 Loyola University Messina Hall Dormitory Renovation](#)
- [2010 Northwestern University Rogers House Dormitory Renovation & Steam to Hot Water Conversion](#)
- 2010 Northwestern University Multiple Buildings Energy Audit
- 2008 Loyola University 20-24 East Chicago Classroom Building
- [2007 Burnham Park Plaza \(40 East 9th Street\) Central Plants Replacement & Upgrade](#)

Licenses and Certifications

- Licensed Professional Engineer (IL, AZ, CO, DC, GA, KY, LA, MA, ME, OH, PA, SD, TN, TX)
- Certified Energy Manager (AEE)
- Certified Energy Auditor (AEE)
- Leadership in Energy and Environmental Design Accredited Professional (USGBC)

Professional Affiliations

- ASHRAE Associate Member

Career History

Mr. Malone currently serves as a Principal at Elara Engineering with a focus on engineering and sales efforts for the firm. Prior to his role as a Principal, Mr. Malone served as a Mechanical Team Leader and Senior Project Engineer (2014-2016). In his current role, he leads a team of approximately 3 to 5 multidisciplinary engineers and support staff and serves as engineer-in-charge and primary contact for new construction, renovation and energy retrofit projects for a wide variety of system types and complexities including geothermal, variable refrigerant flow, steam systems, and high efficiency boiler designs. Previous to his role as Mechanical Team Leader and Senior Project Engineer, Mr. Malone was a Mechanical Engineer at Elara from 2006 to 2014 and, while still in college, Lead Student with the U.S. Department of Energy Industrial Assessment Center in Chicago, Illinois from 2004 to 2006.