

Adam McMillen, PE, CPHC, LEED AP BD+C

DIRECTOR OF SUSTAINABILITY



As IMEG's Director of Sustainability, Adam leads the firm's high-performance building design and project sustainability efforts. In addition to implementing technical design strategies that improve building performance, reduce energy use, and preserve natural resources, Adam leads IMEG's building performance team and builds industry relationships that positively impact the built environment. Adam is a licensed professional mechanical engineer with extensive knowledge of energy efficiency, energy generation, and life-cycle cost analysis. His past experience includes the design, energy modeling, and commissioning of high-rise office, higher education, healthcare, and science and technology projects. He also has served as director of energy consulting for a non-profit organization, where his work included a national initiative with the Department of Energy that promoted performance-based procurement and offered a path to zero energy design.

PROJECT HIGHLIGHTS

- City of Ann Arbor, MI, Geothermal Grant to Design and Implement a Geothermal District Heating and Cooling System
- University of Michigan - Ann Arbor, Ann Arbor, MI, Hoover-Underground Steam System and Condensate Line Replacement Study
- Argonne National Laboratory, Argonne, IL, 160,000-sf New Energy Science Laboratory, **LEED Gold**
- Butler University, Indianapolis, IN, 103,000-sf New Lacy School of Business Building, **LEED Gold**
- Byron Public Library, Byron, IL, 27,000-sf New Library with Geothermal, **LEED Gold**
- Elgin Community College, Elgin, IL, 58,000-sf Library and Student Resource Center Expansion and 132,000-sf Renovation, **LEED Silver**
- Hotel Essex and Essex on The Park, Chicago, IL, 574,550-sf 254-Room Hotel Renovation and 56-story New Residential Tower, **LEED Silver and WELL Silver**
- Kishwaukee College, Malta, IL, 100,000-sf New Student Services Center and Maintenance Facility and 90,000-sf Health Sciences Renovation, w/275-ton Geothermal System, **LEED Gold**
- LaGrange/Trilogy Health Services, LaGrange, KY, Prototype Building Assessment and Strategies to Reach **Net Zero Energy**
- Lake County Department of Public Works - Waukegan, Libertyville, IL, Lake County 911 Communications Building **LEED / PHIUS / Energy Modeling**
- Rock Valley College, Rockford, IL, 99,000-sf New Science Laboratory w/Chilled Beam, Photovoltaics and 420-ton Geothermal System, **LEED Gold**
- University of Illinois at Chicago, Chicago, IL, 25,200-sf Lincoln Hall Renovation w/ Geothermal and Photovoltaics, **LEED Gold**
- Washington University, St. Louis, MO, Student Experience Plan Net Zero Concept Energy Analysis

Experience

17 Total, 11 with IMEG

Education

Parks College of St. Louis University, BS
Aeronautics
Milwaukee School of Engineering, MS
Mechanical Engineering

Registrations

Professional Engineer
Wisconsin (41444-6)

Accreditations

LEED Accredited Professional BD+C
Certified Passive House Consultant

Affiliations

ASHRAE SSPC 189.1 – Voting Member
of Standard for the Design of High-
Performance Green Buildings
CLF MEP 2040 Challenge Steering
Committee

Presentations & Publications

Designintelligence magazine, "Equity by
Design: Overcoming Bias and Capitalizing
on Data to Reach Broader Outcomes,
August 2021
CSE, "Energy Storage: A component of
Energy Conservation", January 2021
AIA, 2019
CSE, "What is Standard 189.1...?", June 2019
HESNI Annual Conference, 2018
Greenbuild, 2018
ASHRAE 189.1-2017, Contributing Author

Awards

ACEC-IL, Honor Award - Rock Valley
College New Science & Math Center 2012
ASHRAE, Excellence in Engineering Award
- Rock Valley College New Science & Math
Building 2011