

LET'S CONNECT

ENERGY MODELING

EP's Expanded Energy Modeling Department

A dedicated energy modeling department led by licensed engineers.

- In-depth understanding of energy code and compliance options.
- Modeling to meet owner goals and needs: building performance, sustainability, code compliance, first-costs, etc.
- Experience across industry sectors and project types.

"Whether it's for design optimization for a high performance building, or for Performance Pathway to achieve code compliance, we have the capacity and expertise to deliver informative and accurate energy analysis that help our clients meet their project goals." – Scott Vander Heiden, PE



FOR LEED, B3, ENERGY STAR OR GREEN COMMUNITIES

- Critical tool for design team when designing high-performance buildings.
- Provides input necessary to prove performance in various sustainability and efficiency programs.



FOR CODE COMPLIANCE

- Meet energy code through the Performance Pathway rather than the more common Prescriptive Pathway.
- Proves overall building performance to meet code in order to forego prescriptive requirements.



FOR DESIGN OPTIMIZATION & SYSTEM SELECTION

- Gives design teams an intelligent comparison tool for design optimization.
- Aids in system selection and informs design direction.
- Integrated into overall design process for continuous feedback.

ENERGY MODELING TEAM:



Ben Bahr, PE
Mechanical Engineer,
Energy Modeling



Michael Shannon, PE
Mechanical Engineer
Energy Modeling

SAMPLE PROJECTS:

- City of Minneapolis, East Side Storage and Maintenance Facility, LEED Gold, Minneapolis, Minn.
- Avidor Multifamily Apartments, multiple locations in Minn. and Ill.
- Cunningham Group Office Remodel, Minneapolis, Minn. (pursuing WELL Certification)
- Higher Ground and Dorothy Day Place, B3, St. Paul, Minn.
- Wildwood Library, Mahtomedi, Minn.
- Sick Manufacturing, Bloomington, Minn.
- Nicollet Avenue Mixed-Use Apartment, Minneapolis, Minn.