

MAKING ENERGY-EFFICIENT CHOICES DURING DESIGN: AN INTERACTIVE LIVE ANALYSIS

AIA CES Approved: 1 LU/HSW Intermediate Level
Course Number: EDAW2201 Expires: 06/29/25



Approved
Continuing
Education

COURSE DESCRIPTION

Identifying energy efficiency measures while balancing real-world constraints such as client budgets and time constraints poses challenges to any project team.

This interactive course demonstrates how energy efficiency goals—when addressed beginning early in design—can be successfully achieved, saving valuable resources. The session introduces how comparative analysis assists in achieving energy conservation goals alongside factors that drive energy use.

A case study building will be presented, including energy conservation strategies available for consideration. Participants will utilize live polling to assemble “bundles” of selected energy efficiency measures to play out what-if scenarios, discussing the merits and challenges of each bundle. Facilitators will run live energy modeling simulations to show the results of several bundles.

Bundled results will be revealed alongside energy savings trends, dispelling common misconceptions about the link between budget and energy savings. Performance of the built case study building will be reviewed, and participants will receive an energy analysis infographic (PDF) of takeaways from the session along with their CE certificate.

PREREQUISITE KNOWLEDGE

Attendees will be project team members familiar with design for commercial buildings, including a basic understanding of building systems and energy efficiency strategies.

LEARNING OBJECTIVES



Recognize the value early energy analysis provides to the design process and client decision-making



Identify a range of energy efficiency options and their impacts on energy outcomes during various stages of design



Interpret building performance and financial information provided by energy analysis results



Understand how decisions made early in design can increase energy savings opportunities

GBCI SELF-REPORTING

This course has also been approved for 1 GBCI CE hour.
GBCI course ID: 0920026311

INTERESTED IN THIS EDUCATIONAL SESSION FOR YOUR FIRM?

We can provide this course in-person or virtually.
Reach out to your local Willdan contact to schedule:



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