

# BUILDING PERFORMANCE AND ENERGY MODELING



Science and aesthetics are equally important in our design process.”

Eddy Santosa,  
Energy Modeling Lead

Callison is committed to conducting early building and energy analysis for all projects. Building and energy performance modeling is key to successful building design and starts when the project begins. Callison interweaves a scientific approach to arrive at a design that meets the expectations of performance and budget.

By viewing climate analysis first, the team determines suitable sustainable design strategies to advance building performance by also facilitating Callison’s sustainable design strategies tool, The Matrix©. These building performance benchmarks are then defined relative to energy and water management and spatial comfort to address the specific needs of clients, and determine smart design decisions.

Callison’s building performance team works together with the design team to fine-tune the relative parameters of performance and design in subsequent steps. They also investigate applicable country, state and local incentive programs to help clients offset initial costs for energy efficiency. As a result, the team can deliver high quality designs that create value for clients and communities alike.

Callison’s goal is to reduce a project’s energy consumption and operation cost according to AIA 2030 energy consumption targets. Callison’s industry-leading performance simulation expertise has been instrumental in crafting sustainable projects to meet the goal.

# ENERGY PERFORMANCE MODELING WORKFLOW

