

low-flow faucets



day lighting



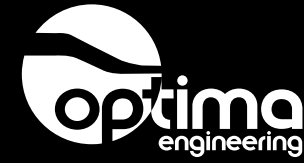
solar water heating

## The Optima Solution

Optima Engineering is a multidisciplinary, professional engineering design firm that provides cutting-edge solutions for buildings of all types.

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Your partner in sustainable design.

## Energy Audit

With Optima's energy audit and retro-commissioning services, our professionals will pinpoint areas to reduce energy consumption by analyzing your:

- + Lighting systems
- + HVAC systems
- + Water systems

## Renewable Energy

Solar photovoltaic panels turn your building into an electricity provider. We'll show you how to get there.

- + Cost estimates
- + Cost-saving analysis
- + Tax credits, federal stimulus and other financial options
- + Design and implementation



wind turbines

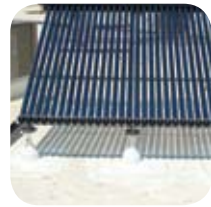
## Road Map to Sustainability

It can be difficult to identify sustainable solutions for your own facility. Optima's experts can create a roadmap to reduce your carbon footprint and cut operating costs along the way!



## Leading the Way

We believe in sustainable design and base our decisions on that philosophy. Optima's goal is to put our clients on the path leading to net zero energy buildings, which produce as much energy as they consume.



Our own offices are certified LEED Platinum by the U.S. Green Building Council – we use 30 percent less energy than standard and produce 12 percent of our energy.

## Thorough Analysis

Inefficient building systems are costly and use unnecessary resources. These systems can also create an unhealthy work environment.

Optima Engineering can evaluate your facility and develop a professional, organized assessment of the building's energy performance. After the energy audit, we can develop a strategy for both reducing energy usage and generating renewable energy.



## Providing Results

Energy-saving solutions can range from more efficient plumbing and lighting to custom-designed solar roof panels and wind turbines.

After implementation of your energy-saving solutions, Optima will monitor your building's performance and energy consumption. We'll continue making recommendations for operating your facility at peak efficiency.



## Time to Act

Reducing your carbon footprint is the right thing to do. It's also the smart thing to do. And, the time to act is now – non-sustainable buildings are becoming obsolete, so it's important to future-proof your building today.

Energy reduction not only saves you money – it keeps you competitive. In today's world, people want to associate with others who share their goal of reducing environmental impacts to ensure that our planet remains healthy for generations to come.

