



MECHANICAL/ELECTRICAL

When it comes to the places where we live, learn, and work, nothing is more important than our comfort and safety. While it is not always easy to gauge the effects of temperature control, security systems, lighting, or ventilation on our daily lives, the bottom line is clear: A building with solid systems engineering can reduce energy consumption by as much as 50 percent, with little or no effect on the cost of construction.

To achieve this level of cost and energy savings, Olsson Associates provides renewable energy technologies, electrical systems, and thermal systems for a variety of building types and purposes.

We provide mechanical and electrical services for large commercial developments, hospitals and laboratories, school and university buildings, and military facilities. We're also experts at major mechanical and electrical retrofits of existing buildings.



MECHANICAL ELECTRICAL | SERVICES

Mechanical

- Plumbing
- HVAC
- Energy Audits and Conservation
- Heat Transfer
- Fluid Transport
- Energy Management Systems
- Clean Rooms
- Biosafety Areas
- Laboratories



Electrical

- Interior and Exterior Lighting
- Building Electrical Distribution Systems
- Control Systems
- Generators
- Power Plant/Diesel
- Rate and Systems Studies
- Site Lighting
- Photometric Calculations
- Energy Audits and Conservation



LEED-Certified Projects

- Mechanical/Electrical Design and Documentation
- System Commissioning



Fire Protection | Life Safety

- Suppression Systems
- Detection and Alarm
- NFPA Code Consulting
- Fire Pumps
- Inspections



Establishing a safe and effective operating environment within a building is critical. We understand the subtle impacts that temperature, lighting, humidity, air flow, noise, and vibration can have on a facility. With technical experience and sophisticated equipment, we focus on designing systems to maintain the most rigorous operational requirements.