



COMMISSIONING & ENERGY SERVICES



LET HANSON MANAGE YOUR ENERGY EFFICIENCY INITIATIVES.

Hanson's strategic energy planning services can help organizations make informed decisions with respect to energy procurement and investments in energy consuming systems and upgrades. We take an enterprise-wide view to help our clients develop an "energy roadmap" that matches the priorities and objectives of their organization.

Our services can assist with reviewing and prioritizing potential energy conservation measures across your entire portfolio of facilities while identifying options for project funding and implementation. Hanson's independent and objective services enable clients to reduce their energy costs and carbon footprint.

Services Hanson provides include:

- Facility benchmarking
- Energy modeling
- Energy audits
- Capital project management, controls and scheduling
- Retro-commissioning
- Energy savings performance contract consulting
- Renewable energy opportunity assessments
- Measurement and verification of savings
- Geothermal system assessments
- Energy data management system recommendations
- Identification of funding sources, grants and incentives

Energy strategic plans

Hanson's energy strategic plans or energy roadmaps are intended to be living documents prepared to assist our customers' management and facilities operations in forecasting, prioritizing and budgeting. The roadmap outlines a proposed energy management program based on industry best practices concentrating on energy consumption reduction, evaluation and incorporation of renewable energy projects, retro-commissioning and an examination of MEP operations and maintenance practices.

The project tasks within each strategic plan can include performing energy audits, documentation of existing systems and equipment, analyses and calculation methodology for savings projections, review of the original performance criteria, analyzing conservation opportunities and preparing programming documentation.

The work may also include utility tariff forecasts, investigation of current and pending incentive programs and legislative impacts, growth projections and resiliency analysis of utility services.

We can also take the next step and assist our customers with planning for climate adaptation and how they can manage possible changes in the ensuing years and decades.



Commissioning

Hanson offers a full range of commissioning services and has commissioned projects that have obtained Leadership in Energy and Environmental Design (LEED®) certifications, including Platinum. We act as an advocate for the owner, and we take a proactive approach to commissioning at each project phase.

Our commissioning team members have diverse backgrounds in design, construction and building operations. Our technical abilities have built Hanson's reputation for commissioning challenging projects such as laboratories and research facilities, data centers, health care facilities, central energy plants and a variety of renewable energy systems.

Retro-commissioning

Hanson's team has the experience needed to identify opportunities for energy efficiency. Our staff includes mechanical and electrical engineers who have obtained Energy Management Professional (EMP), Certified Commissioning Authority (CxA), Certified Energy Manager (CEM) and Certified Energy Auditor (CEA) certifications, to name a few.

Our retro-commissioning services, also known as existing building commissioning (EBCx), are intended to identify no-cost and low-cost opportunities to save energy while returning a facility to its original design intent and efficiency. Energy conservation measures identified typically have a simple payback of two years or less, making retro-commissioning perfect for organizations with capital expenditure constraints.

Energy audits

Hanson's energy auditing services follow the standards and guidelines published by ASHRAE. Our services begin by determining the appropriate level of energy audit based on the specific objectives of the organization.

Our energy auditing services can evaluate entire campuses, a single facility or specific systems within a facility such as lighting, HVAC or water. Measures identified during an audit can be prioritized based on numerous factors including cost, payback or the greatest impact on the energy use intensity (EUI) of the facility or campus.



Progress requires more than experience. You need a trusted adviser on your team,
one who looks out for you and anticipates your needs.

Your challenges demand innovative solutions. Hanson isn't just responsive —
we're dedicated to solving problems and building a better world.

TRUSTED PARTNERS. PROVEN RESULTS.



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