

Technical Energy: Audit and Analysis

How Energy Efficient are Your Building and Mechanical Systems?

Energy drives our lives. Current technologies to produce this commodity exact a toll on our environment and our pocket book. Unfortunately efficient use of energy in the places that we work, live and play has not been a top priority. With the costs and awareness of energy use becoming more prolific, we must use technology to reduce waste of this valuable resource.

An energy efficient building/operation/process saves money and contributes to a healthy, sustainable environment.

Thermal Imaging & Ultrasound

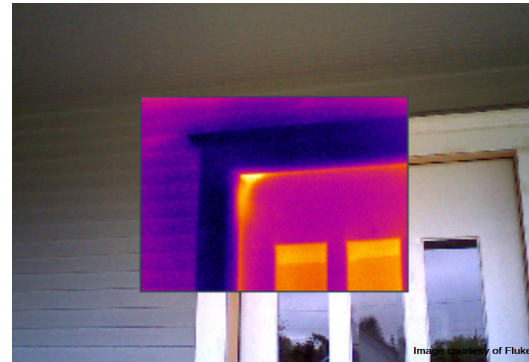
Waste energy is heat, which takes the form of infrared light - not visible to the naked eye. Objects emit differing infrared light based on temperature. A thermal camera allows the capture of heat by documenting the temperature gradients.

Energy consumption generates sound waves. Ultrasound is not detectable with the human ear. An ultrasonic detection device allows capture of sound signatures that correspond to inefficiency.

Infrared and Ultrasonic fingerprints can identify inefficient energy use.

Program

Sali Group, LLC, (SGL) and our team of licensed professionals & energy efficiency specialists can provide the necessary auditing and engineering for sustainable energy and facility solutions.



Thermal photo captures heat loss around a door. Yellow represents the exit of heat to the exterior.

We understand that one solution does not fit all. We tailor our program to each facility; their goals, schedule, budget and commitment to a workable measurement and verification system.

We can develop a complete Strategic Energy Plan or provide specific technical services to accommodate targeted goals and objectives that are measurable and sustainable.

A Strategic Energy plan includes:

- EMS program coordination
- Water, compressed air use audit
- Lighting & lighting controls evaluation
- Building envelope analysis
- HVAC & mechanical system evaluation

SGL can help you identify energy reduction opportunities or assist in becoming a LEED certified building or meet EPA Energy Star benchmarks.

For more information on developing a Strategic Energy Plan that fits your needs & goals, contact Mr. Dean Adams at:

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