



Energy Assessments

ENERGY AND ENVIRONMENTAL SERVICES

In many organizations, the management **of utility costs** has recently become a significant priority

Considering that energy costs can make up to 25 percent of an organization's overall operating budget – utility cost reductions, even the most modest ones, can significantly improve profitability. As energy costs continue to rise, SOLEDION LLC is committed to managing those expenses and their associated environmental impacts.

We are dedicated to support organizations to manage and control their energy costs in a easy to implement and scalable way by offering three levels of assessments to meet your needs.

For more information
regarding an energy audit
please contact

SOLEDION, LLC
915-422-9785



ENERGY Assessment Capabilities

SOLEDION, LLC, a firm dedicated to "Innovative Smart Technology" - providing affordable next generation technology to clients across the globe.

Following tiers of on-site energy assessments are available:

Level 1 "Walk-through" Audit

A Level 1 audit consists of a facility tour to visually inspect systems and equipment. The walk through allows to identify major energy consumption centers and areas of obvious energy waste. The investigation will include indoor and outdoor lighting, heating, cooling, ventilation, plug loads (computers, etc.), and other ancillary systems such as air compressors and elevators. Data may be gathered from direct observation, from interviews with staff and from Building Automation System screens. Spot measurements may be made (for example light levels and HVAC temperatures) may be taken, but no data logging is performed.

Level 2 "Survey & Analysis" Audit

A Level 2 audit includes all aspects of a Level 1 audit plus a more detailed building survey and data logging. A more comprehensive review and analysis of equipment, systems, operational characteristics and on-site measurements and testing is included. This audit also includes an itemized listing of potential capital-intensive improvements above and beyond the low-cost and no-cost recommendations included in a Level 1 audit. A more precise measurement of potential costs and savings is provided along with this type assessment. Utility bills are also reviewed for potential areas of savings. A financial analysis (estimated annual savings, implementation cost, and Simple Payback) is performed for each area of savings identified.

Level 3 "Investment Grade" Audit

Computer simulation software is used to predict building operations and maintenance performance in order to create a baseline with which to compare and measure the effects of proposed and implemented changes. Along with the steps included in Level 1 and 2 audits, a Level 3 audit includes more detailed field data gathering and a complex engineering analysis.