



Leach Wallace Associates, Inc. Review: Energy Systems Engineering

[Leach Wallace Associates, Inc.](#) has almost three decades track record providing expert consultancy in the fields which require mechanical, electrical, and plumbing engineering services, energy systems design and evaluation, commissioning, testing and balancing services. It has numerous clients who depend on the firm's capability in energy systems engineering according to the highest standards of international engineering practice. To date, these clients have put their trust on the firm's excellent delivery of satisfying professional services.

Energy-systems engineering involves, ordinarily, an initial evaluation of an operating or conceptual mechanical and electrical system in general to source out alternative sources of energy most suitable for an owner's project use. The common process utilized to achieve this goal is modeling – a procedure which ends in determining the best alternative source or sources of inexpensive or renewable energy. Vital to this procedure is the achievement of energy conservation, making sure that building system components and equipment are analyzed based on its entire life's projected operating cost requirements. Hence, electrical and mechanical system options and appurtenant sub-systems are considered according to the least possible cost of operation, as well as to the availability of alternative energy sources and costs.

Likewise, electrical engineering systems design requires low to medium voltage power, emergency power generation and distribution, lighting requirements and telecommunication network systems. Efficiency is the primary consideration in any design involving these electrical systems, needless to say. They also demand flexibility and growth for future energy and operational needs. Leach Wallace consulting engineers are well trained and equipped to provide efficient services in electrical engineering -- specifically, in such works as installation of lights and receptacles for an office renovation and in emergency power generation.

Energy comprises an essential component in any enterprise, which can run wild in terms of costs if not properly evaluated beforehand. Seeking these alternatives to sources involves vast knowhow and experience in building engineering systems, which Leach Wallace has gained through the years. Without this track record, their trustful clients would be hard put to determine the best possible alternatives toward achieving their goals, particularly in energy needs.