

an Energy Efficiency Provider

Lighting | Solar | Thermal Systems



Overview

January 2014



Company background



Hawaii-based company with national reach

 Successfully completed work in 30 states, including all states west of the Rockies

20 years experience

- 90+ employees
- 8 Offices in 5 States and Guam (Hawaii, Idaho, Washington, Oregon, California)

Energy efficiency & renewable energy expertise

HVAC, Lighting, Controls, Motors, Drives, Co-Generation, Solar, etc.

Results oriented

- +Saved \$ millions for Customers
- +1,000 customers Hospitality/Commercial/Industrial/DOD



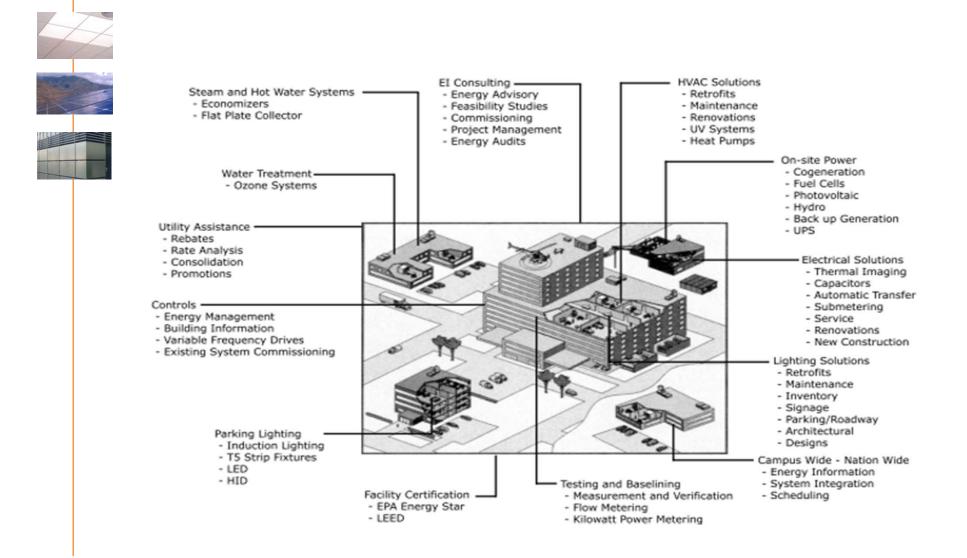








Energy efficiency opportunities





Energy efficiency case study

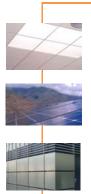


Multiple energy efficiency measures being implemented at Kuakini Health System \$5M project

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Energy efficiency measures under deployment



New central chiller plant

Lighting upgrades

Energy Management System (EMS)

New steam boilers

Air-Handling Unit VFDs

Booster pumping system

Fire pumping system

\$5M total project scope



Annual Savings

3.5M kWh of electricity

11,000 therms of natural gas

>\$1M of expected savings











Customer analysis of options



Self-financing

- Out-of-pocket cash
- Funds focused on non-core business efforts

Bank facility

- Time consuming underwriting review process
- Reduction in available credit for other purposes

Efficiency Services Agreement

- Immediate positive cashflow from current utility rate discount
- No first cost
- Discount to existing utility rates
- Hedge against volatile utility rates
- Long-term O&M service contract incorporated as part of ESA structure



ESA with Kuakini Medical Center



Multi-measure retrofit with deep energy savings and key facility upgrades

ESA Terms

- ESA Term: 10 years
- <u>ESA Services Charge</u>: Rate for kWh and therm savings is discounted from current utility rates. Metrus and customer share savings greater than projected performance
- Ongoing Services: ESA includes payments for ongoing maintenance and measurement & verification (M&V) costs
- Insurance Policy: Energy savings guarantee insurance from Energi (Hannover RE)



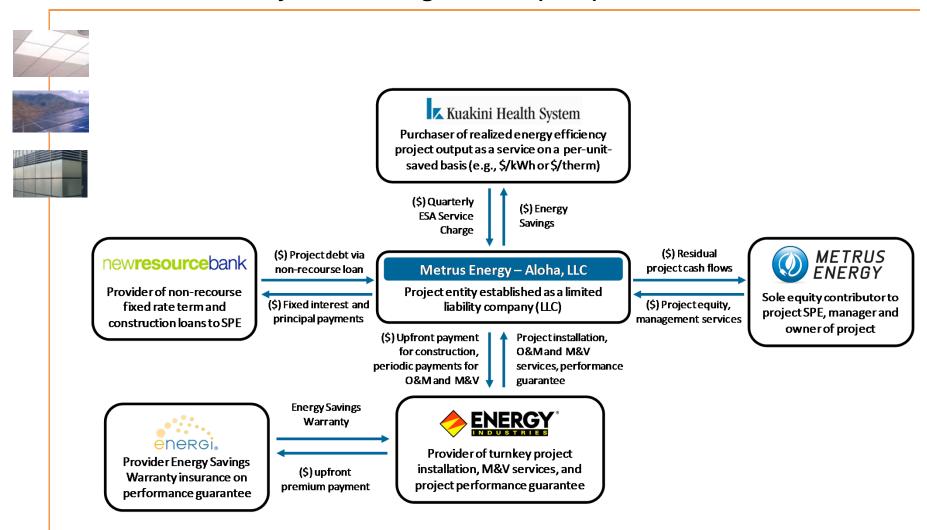
Delivering Enhanced Value For Kuakini



Benefit	Description
Avoid Capital Outlay	No Cost for all design and implementation costs, enabling customers to conserve capital for core business investments
Use Savings to Pay for the Project	ESA service payments are based solely on the realized energy and operational savings created by the project
Reduce Operating Expenses	ESA service payments are set below the current utility price, which immediately improve the bottom line
Enhance Reliability of Operations	The ESA pays for periodic maintenance services to ensure long-term reliability and performance of the project equipment
ESA Payments are an Operating Expense	The ESA is designed to be an off-balance sheet financing solution with regular payments similar to a standard utility bill
Reduce Exposure to Utility Uncertainty	During the term of the ESA, service payments escalate at a fixed annual rate below historical utility price increases
Expand Feasible Project Scope	Metrus unlocks retrofit project that have longer paybacks and that generate deeper energy savings and operational benefits for customers



Efficiency Services Agreement (ESA) structure overview





Creates fully aligned structure for all key parties











Customer

Ensures much needed equipment is deployed today

No first cost

Payment reflect only realized savings

Discount to existing utility rates

Hedge against volatile utility rates over entire term of the contract

Aligned maintenance program under ESA

Marketing and awareness around sustainability efforts



Provides additional options to El's client base for equipment installation

Aligns O&M scope with long-term performance requirements

Financing Partner

Meets equity return requirements

Access to quality project/client

Risk mitigation via energy savings warranty program



Additional information



For additional information please contact us

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