

An Overview



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An Integrated Energy Approach Drives More Project Value

Capabilities and Project Development Approach

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Company Overview

With world headquarters in San Francisco, California, Helio Energy Solutions is part of the Helio Group of companies. Helio Group is comprised of three companies; **HelioPower** (www.heliopower.com) who Engineers and installs green energy technology with a focus on solar power; **Helio Micro Utility** (www.heliomu.com) who develops, finances, owns and operates renewable energy systems; and **Helio Energy Solutions** (www.helioenergysolutions.com) responsible for integrating energy efficiency, power generation and intelligent monitoring systems, to provide dramatic cost reduction for our clients.

Our Services

Helio Energy Solutions is a professional services company integrating distributed power, energy efficiency and intelligent monitoring to provide compelling energy cost reduction for our commercial clients. We provide a full suite of services centered on comprehensive energy management solutions optimizing recurring energy cost savings that provide integrated solutions with significant cost savings strategies.

Integrated Energy Solutions... and technologies

Our energy management and engineering professionals identify, develop, design, and implement integrated energy efficiency and distributed generation/storage projects. Using Energy Balance and Optimization Modeling, we engineer and design systems to meet the changing energy needs of our clients. Our skilled Project Management services team is experienced in implementing broad integrated energy strategies, using a wide range of energy management, distributed generation technologies, such as; solar, wind, micro-turbine, biogas and electricity storage like flow battery technologies.

Project Planning... Best Practices

Executing successful and financially sound projects for our client's demands well designed and tested project development processes, comprehensive energy auditing procedures, industry best practices, and expert financial evaluations. Our services include professional financial analysis to model project returns; identify alternative funding sources and finance options, and benchmark standards for our clients to achieve best in class energy use.

Measurement & Verification... Monitoring Baselines and Benchmarks

Our projects typically start with monitoring, because... *You Can't Save What You Don't Measure*. Establishing an energy baseline is essential in order to set, measure and verify energy cost reductions. We couple this to analyzing and understanding your billing structure, load profile and energy usage habits to successfully modify operational behaviors and identify facility improvement measures to reduce your energy costs. A robust monitoring solution also allows the on-going verification of energy and cost reduction project results against established baselines. As an outcome, our monitoring system is a key element to successful projects and continuous commissioning for on-going operational lifecycle improvements.

Sustainability Planning... It's about Performance Indicators

Balancing the goals of your energy and sustainability strategic planning in support of triple bottom line objectives requires an understanding of the today's government policies, building certification programs, energy technologies and, utility tariff and incentive programs. We start sustainability planning with defining goals driven from performance indicators. Defining, monitoring, tracking and reporting on your selected

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performance indicators against your baseline are measures of the structure and commitment of your sustainability program.

Industry Experience

Helio Energy Solutions is experienced in a broad range of energy technologies, energy systems and project management implementation. Below are some examples of renewable energy distributed power, energy efficiency and integrated energy projects.

High Tech High Chula Vista

105 kW Mitsubishi Roof Top



Solar Power System

The solar array is located at High Tech High Chula Vista and is owned by San Diego Gas & Electric (SDG&E). It is a part of the sustainable design of the school itself which will be used as a three-dimensional textbook. The school's rooftop solar panels are owned by SDG&E and provide renewable power to the community.

The solar system is a milestone for SDG&E because it puts the utility at over one megawatt of solar installed on highly energy efficient buildings throughout 12 solar projects in San Diego County. It is also the third largest solar system in Chula Vista. With 640 solar modules from Mitsubishi, the solar power system will produce 172,114 kilowatt hours (kWh) of renewable electricity per year.



Porsche North America

80 kW Sharp Roof Top

Solar Power System

80 kW urban solar power array at the Porsche Logistics, LLC facility in Ontario, the first solar power system deployed at any of its U.S. locations. The solar power system was designed and installed at 5100 E. Ontario Mills Parkway, in Ontario, CA, using 372 solar modules from Sharp and will produce 135,000 kilowatt hours (kWh) of renewable electricity per year.

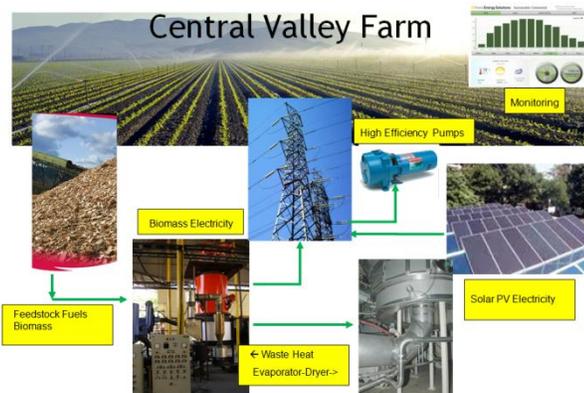
Energy Monitoring and Management



Safeway Distribution and Manufacturing Energy Reduction Project

Helio Energy Solutions was contracted to install our PowerAdvior intelligent monitoring system in Safeway's California five distribution and seven manufacturing facilities. The monitoring system verifies and tracks actual energy and cost reduction from the HVAC and refrigeration system reduction project. The reduction project is ongoing with anticipate savings of 15% per year.

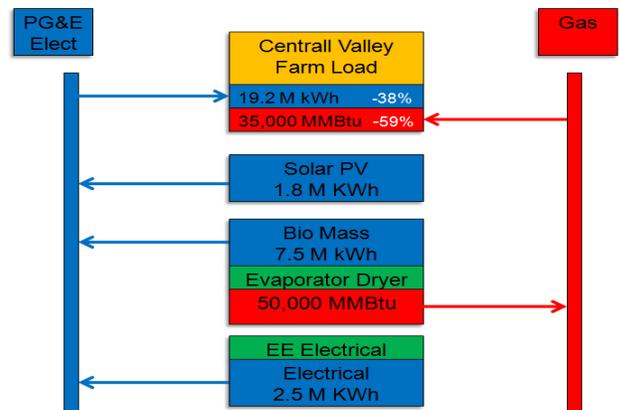
Central Valley Farm



Integrated Energy Solution

A central valley grape grower and processor desired to reduce their energy and cost and incorporate and integrate renewable energy strategies. Helio Energy Solutions is the project developer and system designer for this proposed integrated energy solution. The project energy balance is comprised of renewable electrical energy sources, reusable waste heat energy and reductions in energy use, specifically:

1. Two energy sources from Bio Mass and Solar energy,
2. Waste heat from Bio Mass for supplemental dry heat and gas reduction, and
3. Energy reduction projects from energy efficiency projects
4. Financial and return goals were achieved



Our Staff

Mo Rousso, CEO

Maurice "Mo" Rousso engineered and installed his first solar energy project in 1975. A true industry veteran, Mr. Rousso founded HelioPower in 2001, a leading solar power integration firm based in California, and served as the company's CEO. Being a serial entrepreneur with the start-up of four companies under his belt, Mo is excited grow Helio Energy Solutions.

Prior to HelioPower, Mr. Rousso was the Chief Utility Strategist for Breakaway Solutions, an international consulting firm, and prepared a market strategy for a consortium of German Utilities and a Fortune 500 energy trading company. Prior to that, he was western region Vice President of EMA Services, an international utility consulting firm that focused on IT and business process engineering. Mo has authored numerous papers on the implementation of IT systems to drive business results. Mr. Rousso also co-authored a book on the use of object-oriented technology to facilitate the engineering of business processes. His IT experience includes customer service and billing systems, financial management systems, automated meter reading systems, GIS, SQL and RDBMS, SCADA, and process control systems.

His engineering and asset management background includes serving as a results, design, and start-up engineer for the Public Service Company of Colorado - designing, constructing and commissioning coal, nuclear, and hydro electric generating facilities, in addition to his "tool belt" solar electric generating facility experience. Mr. Rousso holds a Master of Business Administration with an emphasis in Finance and a Bachelor of Science degree in Mechanical Engineering from the University of Arizona. Mo is also accomplished civilian pilot.

Thomas R. (TR) Bietsch, Managing Director

TR Bietsch brings extensive knowledge management, power utility, energy technologies management and multi-national consulting services to the team. As part of the HelioPower senior management team prior to the spin-off of Helio Energy Solutions, TR was COO and responsible for the company's day to day operating activities, and successful solar system and technology services installations. TR is the Responsible Managing Officer (RMO) for our C10 Electrical License and has a broad background in energy technologies starting his energy career as a Nuclear Operator, and working with a broad range of both nuclear, fossil and co-gen utilities and facilities.

TR was Executive Director for ILOG Inc. responsible for the Americas consulting services for all optimization, visualization and rules products implementations and deployments. He incorporated new organizational development, project management, operations and engagement management initiatives that produced a 70% increase in services revenue the first year and doubled the margin from the prior year. As Vice-President Professional Services for FAIR ISAAC Co., TR was responsible for world-wide Consulting and Delivery Services, Project Management, Education Services and Knowledge Management products.

Earlier experience includes service as Vice-President, Knowledge Management Services for Brokat Technologies - Blaze Software where he integrated two education and technical support organizations to the new product suite and developed a consulting service business to support integration of the Blaze and Gemstone products. He also served as Delivery Manager for Chordiant Software and Manager of Object Technology for Systemhouse (now an EDS Company).

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TR has a long career in the energy and energy management field as a process controls and project engineer with the nation's top architectural engineering firms; Bechtel, Flour-Daniel, Northrup-Grumman and Kaiser Engineers . He has supported energy and engineering management programs and engineering support for projects/clients in Nuclear, fossil, co-gen and solar such as; Fermi II Nuclear-Detroit Edison, St Lucie 1 and 2 Nuclear-FP&L, Zimmer Nuclear and CoGen-AEP, Midland Nuclear-Consumers, EBMUD and MWD.

TR served in the United States Navy as a Nuclear Operator in the Submarine Service engaged in deterrent and special ops patrols. He completed his education in the U.S. Navy PACE Program through the University of Michigan Program in Engineering Technology. TR is also accomplished civilian pilot.

Michael Murray, Director

An engineer's attention to detail and the financial acumen of an experienced financial services advisor: These are skills Michael Murray brings to bear for Helio Energy Solutions clients as he engineers energy efficiency and sustainable energy technologies to benefit their financial statements.

With nearly 15 years as a financial advisor and equally as many as an engineer, Michael's skills and qualifications as a Certified Energy Manager (CEM), fit perfectly into the disciplines required to provide superior service to Helio Energy Solutions clients.

Prior to joining the Helio Energy Solutions team, he was a Regional Vice President for Primerica Financial Services, a comprehensive investment and insurance marketing firm, where he developed and managed multiple financial services offices. At Primerica he was recognized as the rookie Regional Vice President of the year in December, 1997 and excelled at developing ground-up office locations throughout the Los Angeles and San Diego, CA areas.

Michael's engineering and management experience was honed at Lockheed Aerospace Corporation in the famous Skunk Works division as a Flight Test Engineer and program manager. As a Senior Flight Test Specialist he project managed multiple flight test programs in secrecy in support of the F-117A aircraft and later in his career on the U2/TR-1 aircraft. He also performed as liaison of advanced electronic Test and Evaluation operations between the Air Force Combined Test Force (CTF) and Lockheed-Martin. Mike is an accomplished commercial pilot and provided corporate flight support during his years at Lockheed. He holds a Bachelor of Science degree in Mechanical Engineering from Cal Poly, San Luis Obispo, CA.

Michael is an experienced program director with a history of success involving advanced developmental programs and, has been instrumental in the development of Helio Energy Solutions from its inception. His skill set includes of advanced technology applications, business development and organizational management. Michael's engineering background has allowed him to push Helio Energy Solutions to the for front as a technological integrator with sustainable energy generation applications including solar pv and fuel cell technology, and cutting edge energy efficiency technologies that play against a comprehensive energy management solution program. He also holds a LEED Accredited Professional certification from the US Green Building Council. Michael draws heavily on his financial services experience for business development and customer relationship building as well as top-down organizational planning and integration.

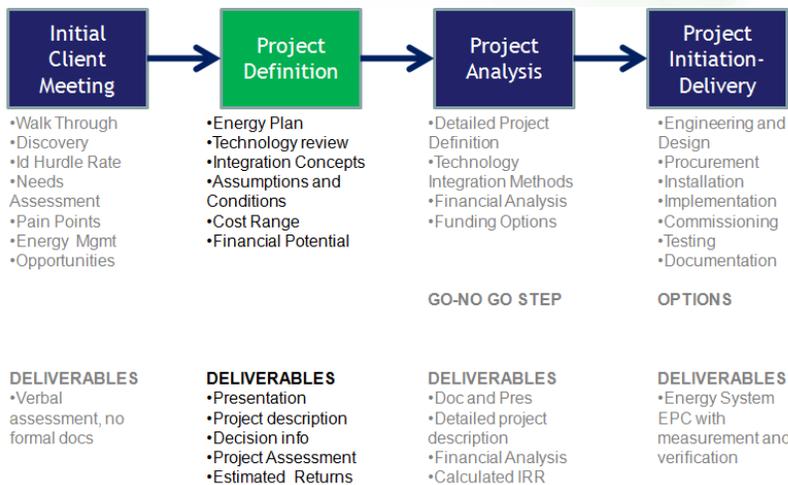
Project Development Approach

Key to these type projects is defining opportunities that meet supply and demand side engineering and economic standards. To understand our approach to project development, first we want you to understand the value and necessity of an integrated energy solution approach.

The First Step - Project Definition

To get the most from your energy dollars and as a first step toward identifying the energy projects, you need solid information from energy professionals about your facility energy usage considerations and strategic energy goals. Our clients have found the most informative basis for making decisions is an energy assessment to build the Project Definition. This compulsory process enables us to understand energy usage and facility operations, and load characteristics to recommend the best strategy and tactics to meet your goals.

Helio Energy Solutions will define the energy project(s) that best meet your energy reduction/production and financial goals. The energy strategy is evaluated using our Integrated Energy Solution Modeling to determine the financial strength, feasibility and viability of the project, and is conducted in four stages:



1. Discovery
2. Engineering and Technology Review
3. Evaluation/Financial Modeling
4. Client Presentation

Performing an assessment on energy use and costs may seem daunting and time consuming. However using our team of energy experts and our demand and supply engineering and economics Integrated Energy Approach will result in a economic energy strategy with a return that meets your program goals. This is the best method to reduce costs and

move your organization toward effective sustainable energy systems.

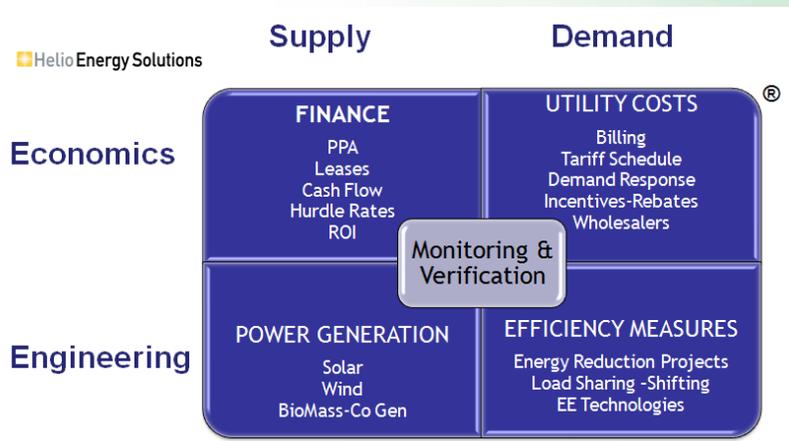
The energy assessment process meets present needs and future growth by:

1. Explaining your utility's energy billing,
2. Identifying strategic energy savings opportunities,
3. Emphasizing key immediate energy initiatives, and
4. Provides a framework for the Strategic Project Development Plan.

Integrated Energy Solutions Approach is Best

Regardless of the energy development project we use a standard assessment model to provide a consolidated view of supply and demand side economics and engineering. The Integrated Energy Solution Model illustrates the parameters and their relationships to be accounted for and provides our clients an invaluable high level, consolidated and succinct assessment of their project's financials and risks.

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Successful project development for our clients requires knowledge of the supply and demand components of the project. The first step is engineering the integration and implementation of renewable power generation and energy efficiency/reduction technologies. The economics of this integrated solution is dependent upon the utility’s cost reduction contribution and the overall finance structure of the project. This modeling is generally performed in both the predevelopment and final “go forward” stages of the project.

A high level review of your current energy cost, energy reduction opportunities and development approach give us concern that a renewable project is financially challenging. We believe that a more creative and innovative approach is necessary to discover the best economic and deployment fit to implement a renewable energy strategy for your community. To achieve this end, we propose the following activities for suggested projects.

Integrated programs have multiple benefits to the owner and include:

- Electricity at rates equal to the best solar PV offering available
- Significant gas savings that are not at all offered by PV
Three times the greenhouse gas reduction over solar PV
- Peak shaving against electricity tariffs by tapping peak solar energy generation during peak air conditioning periods
- Long-term hedge against highly volatile utility rates by locking in rates on renewable solar electricity and gas.