



Optimira Energy Solutions provides comprehensive energy optimization services to government, municipalities, education, healthcare, and other public sector institutions located throughout North America.



As an integrated energy solutions company and a market leader in the provision of comprehensive energy and utilities management solutions, Optimira specifically offers our public sector and government customers access to an extensive array of multi-technical energy expertise coupled with unparalleled project finance resources.

Optimira develops, installs, finances, and operates infrastructure improvements designed to optimize the energy efficiency and life-cycle costs for government-owned building facilities.

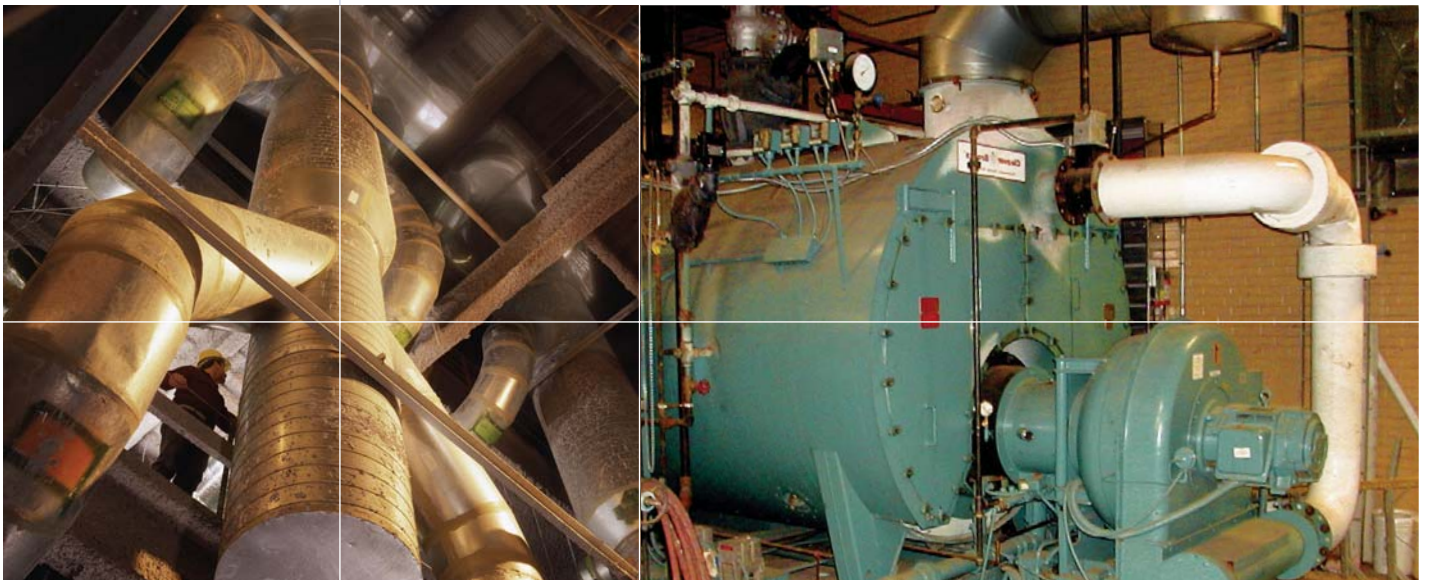
We serve as project developer, implementer, and asset manager for a wide range of energy optimization measures, and assume fully both the technical and economic performance risks associated with every project that we undertake. We are committed to providing each of our customers with the most cost-effective means to optimize their energy infrastructure design, energy purchasing strategy, and energy utilization.

“A Market Leader in the Provision of Energy and Utility Management Solutions”

Optimira is dedicated to identifying and crafting customized broad-based energy optimization measures to fit the specific needs of our customers – enabling them to focus their resources on their core businesses. The service deliverables of Optimira transcend those of a traditional ESCO as we work cooperatively with our customers to improve their day-to-day productivity and to control their bottom-line costs by reigning in the uncertainty associated with today's environment.

Our Total Energy Optimization approach frees our government/public sector customers from the daily concerns associated with utility procurement, energy usage, plant/equipment upgrades and installations, monitoring and measurement of both energy and financial savings.

Optimira is uniquely positioned as a leading single-source provider of turnkey projects and services that deliver energy savings to our customers. Optimira is committed to delivering energy management expertise that provides government and public sector facilities with comprehensive solutions to minimize energy consumption and costs in order to deliver a guaranteed level of economic performance. To date, Optimira government contracts have enjoyed energy savings on the order of 15-35%, often translating to a 12-23% savings on total utility expenditures.



Our extensive in-depth knowledge of energy optimization solutions specific to government facilities enables our multi-disciplinary team to design and implement a comprehensive set of measures for projects both large and small – tackling key energy challenges and problems that are either specific in nature or at times lacking a clear-cut definition.

We stand behind our energy solutions and fully guarantee the delivery of a pre-defined level of savings as a direct result of the implementation of our custom-designed projects.

Our areas of expertise include:

- ▶ Boiler, Chiller, and Steam Plants (Retrofits and New Build)
- ▶ Cogeneration (CHP), On-site Generation
- ▶ Water and Wastewater Conservation Measures
- ▶ Electrical Distribution System Improvements Including Power Quality
- ▶ Lighting Including Sensors and Controls
- ▶ Motors, Pumps and Drivers
- ▶ Controls (HVAC, IAQ, Fire Suppression, Security, etc.)
- ▶ Mechanical and Electrical HVAC
- ▶ Compressed Air Systems and Distribution





Optimira can work with federal, state, and local government divisions as well as other public sector education and healthcare institutions to:

- ▶ Develop and design comprehensive energy efficiency projects
- ▶ Finance, procure, construct and operate energy infrastructure
- ▶ Execute projects under a task order based approach such as an IDIQ or MATOC contract
- ▶ Maintain government approved quality control and safety programs
- ▶ Execute projects as federal agency repairs and upgrades
- ▶ Facilitate the best available cost reduction methodologies to bring energy-related savings directly to the bottom line
- ▶ Execute projects **from vision to realization** – including program management, project management, equipment procurement, installation, maintenance, etc. All projects are staffed with experienced top-shelf project managers, engineers, and construction superintendents
- ▶ Maintain a large database of government and public sector qualified subcontractors and equipment vendors
- ▶ Employ, where appropriate, LEED-accredited engineering professionals who are experienced practitioners of integrated design
- ▶ Employ green power technology to better derive electricity from renewable sources such as solar, wind, biomass, and geothermal power
- ▶ Design a comprehensive commodity procurement strategy that optimizes the delivery of the specific energy needs for a given facility



And Optimira will:

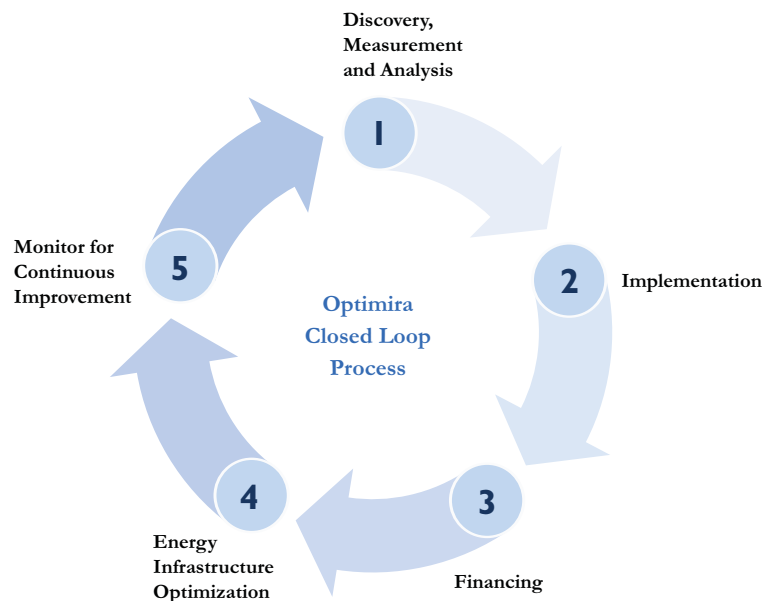
- ▶ Provide tailored customer-centric energy optimization solutions focused on both the supply and demand sides of the energy business equation
- ▶ Aggregate communications and control of HVAC, fire safety, security and other DDC systems, regardless of vendor, through the use of proprietary parallel architecture software
- ▶ Provide a broad array of post-construction period services as part of each project which are then repaid through the savings generated
- ▶ Financially structure each project in a manner that links compensation directly to economic performance
- ▶ Measure, monitor, and verify each project's energy savings as well as overall facility energy utilization and efficiency via our proprietary Unigate software
- ▶ Compress and stage the implementation schedules in order to realize project energy savings as soon as possible
- ▶ Continuously monitor project economics through the use of our proprietary Unigate software
- ▶ Deliver projects on time and under budget
- ▶ Assume the risk that the project will save the amount of energy projected and perform according to the agreed upon economic parameters

Optimira is committed to designing and delivering the most comprehensive customized energy savings programs that serve to lower operating costs, to address specific energy needs, and to improve the operating efficiencies for each of our government/public sector contracts.

For example:

- ▶ Optimira delivers innovative energy optimization programs that comprehensively address customer energy needs through the use of leading edge energy efficiency products coupled with active utility procurement management, and where applicable, the installation of renewable and/or fossil fuel supply options – all of which provide a predefined level of savings
- ▶ Optimira designs flexible building solutions in order to fully address our customers’ energy infrastructure investment needs while seeking to maximize asset values
- ▶ Optimira designs energy savings programs that are environmentally sound and serve to increase the efficiency of a given government and public sector system
- ▶ Optimira supports and participates in the US EPA-sponsored Energy Star program, and will design building solutions that better enable government-owned facilities to become Energy Star recognized
- ▶ Optimira incorporates the use of advanced technology to properly measure and verify performance, and empowers/trains facilities personnel to continually optimize building performance

Optimira 5-Step Approach for Achieving Total Energy Optimization



Whether your energy requirements rely on the certainty of steam production or generated-produced power to achieve a critical level of operation, Optimira is committed to assuming complete responsibility for the implementation and delivery of all your energy needs **from vision to realization.**

Optimira Energy – a market leader and proven specialist in the delivery of innovative customized energy programs that guarantee long-term savings for our government and public sector customers.



From Vision to Realization

