

Capabilities Statement

GAP Engineering Consulting Group



Global Analytical Professionals, LLC

CERTIFICATION

Service-Disabled Veteran Owned
Small Business (SDVOSB)

Florida Office (HQ)

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WEBSITE

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Founded in 2018, Global Analytical Professionals (GAP) is quickly becoming a leading Energy Advisor working with Federal and Commercial Clients to reduce and control their energy budget. We build client specific and comprehensive energy strategies that factor in our client's goals and objectives. Utilizing our extensive network of suppliers, energy efficiency experts and renewable energy partners, we bring the most effective, efficient, and innovative technologies to the table. We offer both focused solutions to specific causes as well as broad based solutions to address long term growth thus paving the way to energy independence.

Core Competencies

- ❖ Private Provider Construction Inspections
- ❖ HVAC and IT Commissioning Services
- ❖ Energy Efficiency and Optimization
- ❖ Facilities Condition Assessments
- ❖ Energy Audits
- ❖ Site Specific Development Projects
- ❖ Demand Response Analysis and Design
- ❖ Solar and Renewable Energy Solutions
- ❖ **QA/QC Construction Inspectors**
- ❖ Federal DOD Experience

Competitive Differentiators

Staff Experience: Our professional staff has more than a combined 200 years of Federal Experience in Energy Auditing, Engineering Design, Commissioning and ESCO Project Development for the DOE, USACE, and nearly every DOD Agency on project in the CONUS and OCONUS. GAP Leadership started in the construction and energy industries as Electricians, HVAC Technicians, and building maintenance technicians. Early on, this experience allowed us to learn how existing buildings are constructed along with the maintenance issues and procedures that go along with an aged infrastructure. As Professional Engineers our leadership excelled in the Federal Areas as Project Engineers, Energy Engineers, CxA and Project Developers in the Federal ESCO world. Our building operations knowledge is virtually unparalleled in the energy and construction industries.

Client Relationship Management: We deliver superior service to our clients through our ongoing investments in client relationship management and account management. Our goal is to provide each client with a single point of contact at our company, an individual who is answerable to, and accountable for, all the activities we undertake for the client.

Delivery of innovative solutions: We believe that our investments in research, technology, data science and analytics, people, quality control, and innovation enable us to continually evaluate best practices across our organization.

Integrated Global Business Model: GAP delivers a wide range of high-quality, complementary services and delivering them at consistently high service levels with directly employed personnel. We develop and implement energy strategies that meet the increasingly complex and far-reaching needs of our clients.

Sustainability Leadership: Our employees are dedicated to sustainability services for our clients. Our overall leadership in sustainability is evidenced by our significant thought leadership, technology, and industry involvement.

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Prequalified Vendor Portals

Schneider Electric
SAM.GOV
Veterans Administration (VA)
Green Powered Technologies

NASA
NAS Jacksonville
FESCO Energy Solutions
Everest Capital Investment Group

NSA Naples

NS Guantanamo Bay



NAS Sigonella



Past Performance

Facility Condition Assessments, Energy Audits and Commissioning Services ~\$33.2M

GAP Personnel have performed these services at the following DOD sites: NS Mayport, NSB Kings Bay, NAS Whiting Field, NSA Panama City, NAS Pensacola, NAS Key West, NAS Lemoore, NAS JRB New Orleans, NAS Fallon, NAS Corpus Christi, Corpus Christi Army Depot (CCAD), NSA Bahrain, NS Guantanamo Bay, NSA Souda Bay, NAS Sigonella, NSA Naples, Naval Station Rota, Redstone Arsenal, Fort Sill, Fort Dix, Fort Buchanan, Ascension Island, USAF Academy, Patrick Air Force Base, Hurlburt Field, ANG Base Great Falls Montana

Energy Savings Performance Contract (ESPC) ~\$171.5M

As Senior Project Engineers, Global Analytical Professional personnel helped develop the NAVEUR Energy Savings Performance Contract (ESPC) for NAS Sigonella, NSA Naples and NS Rota. The \$171.5M performance contract included energy conservation measures (ECMs) for include Chilled Water Systems, Boiler/HHW Systems, HVAC Controls, Lighting, Motors, Renewable Energy Systems (PV/Solar Thermal), Water Reduction Strategies and Building Envelope. The project is guaranteed to save more than \$17M over the term of the contracts in addition to a reduction in water consumption and a significant reduction in CO2 emissions.

Commissioning

\$150,000

Global Analytical Professional personnel provided Cx services for the USACE Systems Software Engineering Annex Phase I and II LEED-certified buildings on Redstone Arsenal in Huntsville, AL. These buildings, built under the Corps' Spirit program, totaled over 160,000 SF. Mechanical systems included 83 VAV boxes, 4 engineered AHUs, about 20 Computer Room AC Units, 2 water-cooled chillers, 2 boilers, exhaust fans, and miscellaneous other pieces of equipment. The lighting system and the irrigation system were also included within the commissioning evaluations. Activities included new construction project field installation verification tests (i.e., pre-start up), functional performance testing, start-up and training, and witnessing. As a result of the commissioning evaluations, the client was ensured that the new energy and water systems all operated as efficiently and effectively as possible. In addition, the facility staff were professionally trained to maintain the operations and maintenance of the systems.

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Solutions Overview



Solar & Renewable Energy Solution Commercial Solar solutions provide business owners with the opportunity to take control of their utility bills while demonstrating their commitment to the environment, while increasing the value of your property.



Demand Response

Demand Response and Onsite Generation is an innovative, revenue producing program allowing commercial and industrial users more energy independence. This allows you to sell back unused, curtailed, or self-generated energy back to the grid, adding directly to your bottom line.



Backup Generation & Batteries

Power outages can take a serious toll on your production and profitability. Harnessing the power of backup generation and battery vital systems is a vital safeguard



Microgrid Design and Implementation

By creating more localized energy resources, you have the ability to island from the grid in times of emergency or peak demand. A microgrid can both serve you as a host, or serve the surrounding communities.



Energy Intelligence

Our advanced maintenance and monitoring software collects data, and predicts interruptions before they occur, minimizing life cycle costs and optimizing performance.



Energy Efficiency & Optimization

From LED to building optimization and water smart valve solutions, efficiency projects combine cutting edge technologies with a series of protocols used to get the most value out of your energy use and capitalize on savings opportunities.



Bill Auditing & Expense Management Expense management solutions can provide an organization with multiple meters and locations end-to-end receipt payments for Telecom, IT, and Utility invoices, while securing lower rates and correcting billing errors.



HVAC Refurbishment

With HVAC systems across the country coming offline, refurbishment can restore these systems to 90% of their original efficiency. The result is less energy usage and cleaner air quality at a quarter of the cost of replacement.