

STATEMENT OF QUALIFICATIONS

Energy Solutions for the Federal Government

Minimum Costs, Maximum Efficiency

For over 40 years, AECOM has provided energy savings solutions for federal agencies with large, complex facilities and diverse missions.

Through our Energy Savings Performance Contract (ESPC) and Utility Energy Service Contract (UESC) program, we inject much needed infrastructure investment money into improving federal buildings and facilities without upfront government appropriations.

AECOM builds resiliency, leverages private financing, and improves infrastructure and operational efficiency with reduced utility costs.

Ready to serve

- Proven record of savings results
- Accredited energy service company (ESCO) with in-house energy master planning
- Global resources delivered locally

ENR 2023

Engineering News Record

#1 ENVIRONMENTAL ENGINEERING/DESIGN

#1 ENVIRONMENTAL SCIENCE

#2 CHEMICAL & SOIL REMEDIATION

#2 HAZARDOUS WASTE

#3 SITE ASSESSMENT & COMPLIANCE

#3 WASTEWATER TREATMENT

Southwest Gas UESC
Nellis Air Force Base, Nevada

What Sets Us Apart



Industry leader

We are an industry leader in system-wide comprehensive energy services and NAESCO accredited — the only major professional engineering firm with this designation.



Extensive project experience

We know how to work with municipalities, universities, hospitals, commercial/industrial, and utilities.



Single-point solution

We create the plan and take a project from initial development to final system commissioning and project turnover.



Vendor and fuel neutral

We do not manufacture equipment — our recommended solutions are in the clients' best interest.



Robust internal technical resources

Worldwide reach-back capabilities with thousands of professional engineers on staff.



ISO 9001 certified

We incorporate an extensive quality management system on all of our projects.



Integrated Energy Master Planning for Government Projects

Tools and Software Programs

Our team uses advanced data analytics to assess project potential, optimize energy conservation measure designs, reduce the risk and cost of implementation, and ensure the persistence of savings.

AECOM's Rosetta Platform empowers owners to better understand the threats, vulnerabilities, and impacts that stem from an organization's inherent dependence on energy, creating an optimized road map to achieve a resilient energy future. Rosetta clarifies the energy impacts and financial complexities of various energy conservation measure combinations, and creates "what if" scenarios to demonstrate the impacts of project options based on life cycle cost, return, and sustainability metrics.

SkySpark is a real-time data analytics platform that analyzes system-level building data, provides building insights, and advanced data analytics. AECOM leverages SkySpark to generate millions of dollars of energy-related savings annually for our clients.

Strategic Energy and Water Planning

Energy projects are often assessed as stand-alone tactical efforts to reduce operational costs. This narrow focus results in sub-optimal solutions that miss opportunities to provide broader benefits to your organization.

Implementing AECOM's strategic planning process provides for a greater understanding of your energy and water needs, as well as the optimal strategies to enhance infrastructure resiliency.

Integrated Planning

Aligning energy efforts with broader master and capital planning efforts can unlock enhanced opportunities organizations often miss in a traditional, siloed approach. Our process includes:

- Right-sizing of equipment
- Optimized phasing
- Energy and water security

Enhanced Resiliency

Stepping beyond the building footprint allows the inherent synergies between resources to contribute to cost-effective and resilient solutions.



Alignment with federal goals and initiatives

\$1B

in client savings
as a result of
our financed
solutions



Resiliency

AECOM's ESPC/UESC program supports mission assurance at federal sites. We help incorporate on-site energy generation, diversify energy sources, and enable microgrid capabilities. We reduce reliance on grid power through energy efficiency and ensure reliable access to energy for critical assets.



Reduce government waste

By improving existing, undermaintained, or failing infrastructure, AECOM's ESPC/UESC program reduces taxpayers' money wasted through inefficient or improperly operating equipment, leaky building envelopes, labor-intensive manual processes, and operational inefficiencies.



Infrastructure investment

With no upfront appropriations needed by the federal government, AECOM's ESPC/UESC program injects much needed investment for improvements. Combining the powerful ESPC/UESC financing authority with AECOM's engineering expertise and vendor-neutral approach opens the door for infrastructure improvements and savings that would be impossible with project appropriations alone.



Leverage private financing

In collaboration with our financing partners, AECOM provides investment funding to federal sites. We maximize available funding by identifying and planning the most effective and integrated infrastructure investments and by guaranteeing the savings from the upgrades through financing vehicles – all without upfront appropriations.



Delivering Results



Air Force Installation
Energy Plans, More than
30 installations

Worldwide



Fleet Readiness
Center Southwest,
ESPC

Coronado, CA



Naval Information
Warfare Center Pacific,
ESPC

Honolulu, HI



Fort Carson, U.S. Army
Training Facility, ESPC

Colorado Springs, CO

For more information

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