

Federal Facility Sustainability Services

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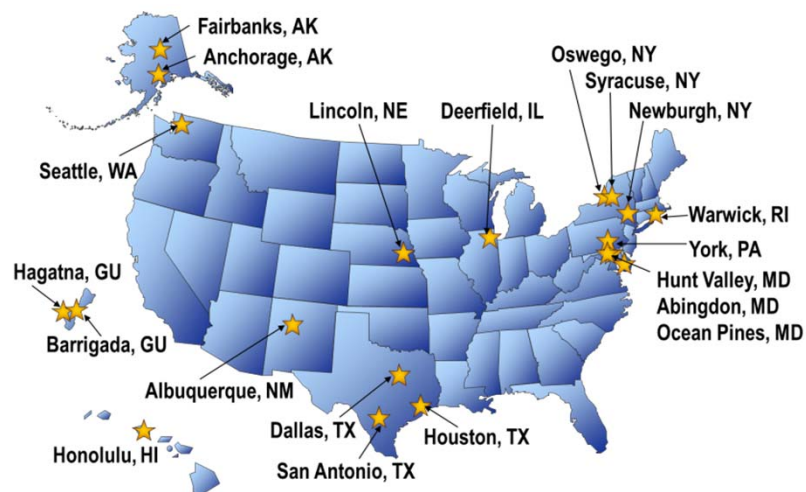
Prime Federal Contracting Mechanisms

- **GSA, Federal Supply Schedule 899, Environmental Services Contract** GS-10F-0228J, 1999-2014
- **USACE-Baltimore, Multiple Award Environmental Service Contract** W912DR-06-R-0054, 2007-2012
- **AFCEE, 4P A/E Contract** F41624-03-D-8596, 2003-2011
- **National Guard Bureau Contract** W9133L-05-D-008, 2004-2012
- **National Oceanic & Atmospheric Administration (NOAA)** EP-W-06-004, 2005-2015
- **EPA Region 3 Remedial Action Contract** PR-R3-06-10086, 2007-2012

About EA

With more than 400 employees and a network of 20 offices across the United States, EA is a leading provider of environmental, engineering, and program/construction management services. With our wide breadth of capabilities, EA provides technical expertise beginning with project planning through engineering design and continuing with long-term operations and maintenance. Recognized for our ability to develop solutions through the integration of engineering, science, and technology, EA has earned an outstanding reputation for technical expertise and responsive service.

EA Offices



As a member of the U.S. Green Building Council, EA professionals keep abreast of the latest developments in the field of high performance and sustainable buildings.

EA Engineering, Science, and Technology, Inc. (EA) is supporting federal agencies in addressing sustainable aspects of their operations and activities as required by various Executive Orders. On both the programmatic and project level, we have collaborated with our federal clients to develop and implement sustainable business practices that have achieved measurable success in meeting the following goals:

- Improve Energy Efficiency
- Conserve Water
- Minimize Waste
- Prevent Pollution

From developing Environmental Management Systems (EMS) to managing the installation of water and energy saving programs and devices, we have worked with government agencies to generate energy savings, formulate integrated sustainability policies, decrease their use of petroleum fuels, increase diversion of solid waste, and harness the power of renewable energy. As a result, we are experts in collecting, analyzing, measuring, and reporting agency performance.



EA is committed to responsible and sustainability practices within our own workplace and has established a Sustainability Workgroup to ensure continuous improvement.

EA's Comprehensive Services

Environmental Management Systems (EMS)

- EMS Development and Maintenance
- Gap Analyses
- Implementation Plans
- Standard Operating Procedures and Guidance Documents
- Training and Awareness Programs
- Audits and Inspections
- Stakeholder Interface

Product Stewardship/Pollution Prevention

- Fleet Inventories and Alternative Fuel Vehicle Assessments
- Waste Profiling and Recycling Studies
- P2 Opportunity Assessments and Plans
- Toxic Use Reduction Audits
- Product Life-Cycle Analyses

Energy/Renewables

- Greenhouse Gas Inventories and Carbon Management Strategies
- Energy Audits
- Renewable Energy Development
- Water Conservation Planning and Protection

Green Buildings

- LEED Credentialing
- Program Analysis and Support
- Design Services
- Energy Use Reduction

Green Purchasing Program (GPP)

- Affirmative Procurement Plans
- Gap Analyses
- Green Alternatives Analyses
- Training and Awareness Programs
- GPP and EMS Integration
- Audits and Inspections

Generating Energy Savings

Improving Energy Efficiencies

EA develops and oversees the implementation of Comprehensive Energy Management Programs—strategies for improving energy efficiencies and reducing energy intensities. Essential to the success of these programs is the clear understanding of energy utilization which results from the energy audits conducted by our staff of Certified Energy Managers. Focusing on lighting, HVAC, building envelope, and equipment, these professionals evaluate energy usage and identify energy conservation opportunities—enabling our clients to maximize the performance of their building systems. In addition, EA's energy management programs include the evaluation of maintenance procedures as well as policies that could be implemented to limit demand and loading requirements during peak times.



Energy Audits, throughout the U.S.—EA is completing comprehensive energy audits and assessments of facilities in Newport, OR; Manchester and Montlake, WA; Kodiak, AK; Woods Hole, MA; and Narragansett, RI for NOAA's National Marine Fisheries Service.

Harnessing Renewable Energy

EA specializes in addressing the environmental requirements of renewable energy projects. Our experience includes wind, hydro, and biogas projects. From project feasibility through long-term optimization, EA's team of seasoned professionals works closely with our clients and all project stakeholders to achieve project success and exceed expectations. We have obtained public utility commission approvals for energy generating projects and managed the integration of project construction permits with state and federal operating permits. EA's expertise is instrumental in maximizing operational and economic benefits including the revenue potential of carbon reduction and renewable energy credits, while ensuring compliance with applicable environmental regulations. EA is working collaboratively with a number of agencies and centers under energy-performance contracts.

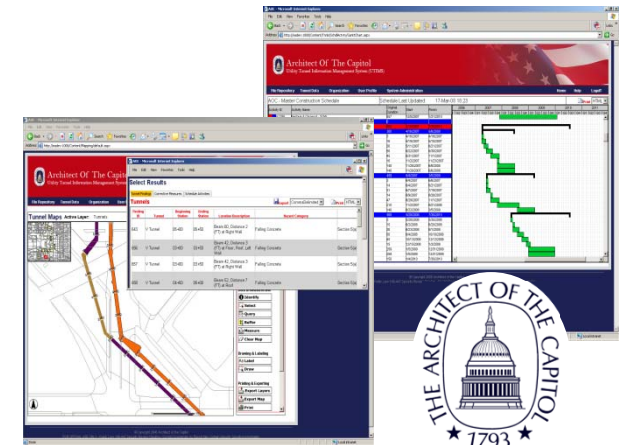


Alternative Fuels, Department of Energy—EA conducted an alternative fuel vehicle fleet demonstration program which compared the advantages and costs associated with compressed natural gas (CNG), liquefied natural gas (LNG), methanol, and M85 vehicles and refueling stations.

Achieving Sustainability

Reducing Environmental Impact

EA works closely with our federal clients to integrate environment, energy, and human health considerations into their operations, activities, and decision-making processes. Following the mantra of *reduce, reuse, recycle*, the EA Team applies its knowledge to maximize project life-cycle efficiencies while reducing environmental impact. Examples of this include water conservation and protection, waste prevention and recycling, and the continuous application of sustainability principles. With an emphasis on maximizing project life-cycle efficiencies, EA employs the most advanced low impact development and green building performance principles in engineering infrastructure, systems, and management solutions. We routinely incorporate empirical and analytical techniques, develop unique performance standards, and apply new technologies to achieve superior results and exceed our clients' expectations.



Information Management, Washington, DC
EA is supporting the Architect of the Capitol in the development of their Utility Tunnel Information Management System to manage health and safety issues associated with the Congressional Campus' utility tunnels.

Integrating Management Systems

Federal agencies are mandated to conduct their environmental, energy and transportation-related activities under the law in support of their respective missions in an environmentally, economically and fiscally sound, integrated, continuously improving, efficient and sustainable manner through the use of management systems. EA has worked to assess, design, implement and sustain management systems in accordance with recognized standards such as ISO 14001. EA has played an integral role in formulating overall environmental management programs, facilitating cross-functional teams and stakeholders, preparing supporting documentation, conducting training, and periodic audits to define conformance. EA integrates the use of information management tools and applications to support the process emphasizing knowledge sharing, accountability and monitoring, recordkeeping and reporting.



Pollution Prevention, Naval Station Newport, RI—EA updated the Pollution Prevention Plan (P2) for this 1,000-acre station which supports 37 tenant commands.