



Our Projects

Company Profile



Applied Engineering Management (AEM) Corporation was founded in 1986 as a 100% woman-owned business. Since its inception, AEM has experienced more than 22 years of profitable growth and employs one of the most stable, satisfied work forces in the industry. AEM supports a diversified client base that includes Fortune 500 companies and major government agencies located worldwide.

AEM Difference



LEED Accredited Professionals

Utility Operations Experience and Expertise

Performance Management Expertise

Engineering and Management Professionals

Contact



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U.S. Department of State

U.S. Department of Defense

Engineering professionals also provide a wide range of services that support the operational and maintainability aspects that exist within the facility infrastructure. Such services include commissioning of engineered systems, design reviews for constructability, maintainability and life cycle operating costs including the impact of Reliability Centered Maintenance (RCM). The following projects provide examples and scope of some of these efforts:

Department of State, Washington, D.C.

Investigation and analysis of energy conservation opportunities for U.S. Embassies and associated facilities worldwide. Audits and analysis are comprehensive and involve existing as well as building systems associated with new embassy designs including building envelopes, HVAC systems, lighting and electrical distribution systems as well as related processes unique to certain locations (power generation and water purification\ treatment systems). Implemented conservation programs have also included renewable technologies such as thermal solar, photovoltaic, and ground source heat pump systems. Life cycle cost savings in excess of \$50,000,000 have been achieved to date.

Washington Navy Yard, Washington, D.C.

Comprehensive audit and analysis of energy conservation opportunities involving 38 buildings totaling nearly 3,500,000 square feet. This investigation required evaluation of all existing building and utility systems such as building envelopes, HVAC, electrical and lighting systems, district heating and steam distribution equipment. The outcome of this project yielded a number of low cost and capital improvement projects totaling over \$5,000,000 with annual operating savings of nearly \$800,000.

Department of State, Washington, D.C.

Ongoing RCM reviews, commissioning and maintenance planning for new embassies worldwide. To date nearly 30 new embassy construction projects have benefited from this third part review and analysis effort which encompasses more than 4 million ft² of building area and \$750 million in global assets.