



U.S. General Services Administration

Federal Acquisition Service

GSA's Energy Management Solutions

Jennifer Hazelman

Outline of Today's Presentation

- Energy Legislation and Policy Overview
- Energy Reduction and Renewable Energy Goals
- Services for Managing and Conserving Energy
- Renewable Energy Solutions
- Benefits of Using Multiple Award Schedules
- Ordering Procedures for GSA Schedules
- Customer Success Stories
- GSA e-Tools and helpful websites

Laws and Regulations That Influence Energy Conservation

- The American Recovery and Reinvestment Act of 2009
- Executive Order 13423, “Strengthening Federal Environmental, Energy, and Transportation Management” (January 24, 2007)
- The Energy Policy Act (EPAAct) 2005
- The Energy Independence and Security Act of 2007 (originally named the CLEAN Energy Act of 2007)
- Agency Specific Regulations

Energy Reduction Goals for Federal Facilities*

<u>Fiscal Year</u> <u>Baseline</u>	<u>% Reduction from 2003</u>
2009	12
2010	15
2011	18
2012	21
2013	24
2014	27
2015	30

*Under current legislation

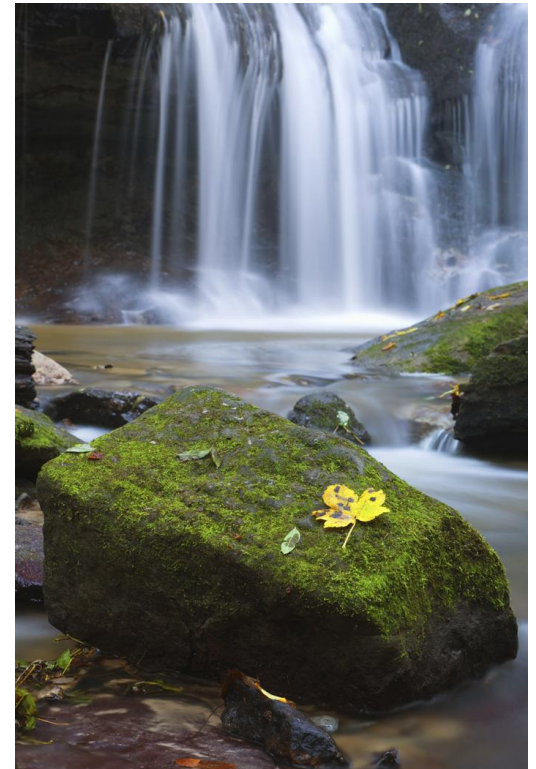
Water Conservation Goals

➤ **EO 13423**

- 2% reduction per year through FY 2015 using a 2007 base line

➤ **EISA**

- Requires energy and water audits in all covered buildings



Renewable Energy Goals

- EPA Act 05 directs agencies to obtain the following percentage of purchased electricity from renewable sources:
 - ❑ 2009 3%
 - ❑ 2010-2012 5%
 - ❑ 2013 > 7.5%
- EO 13423 – encourages agencies to obtain half of the renewable energy from new sources and on-site where feasible
- EISA directed not less than 30% of hot water demand in new buildings shall be from solar, if cost effective

Key Areas Outlined in the Applicable Legislation

- Metering and Advanced Metering
- Comprehensive Energy Audits
- Water Audits and Evaluations
- Building Commissioning
- Renewable Energy



Energy Solutions on Schedules

- 03FAC Facilities Maintenance & Management – Energy Management Services
- 56 Buildings & Building Materials/Industrial Services & Supplies
- 84 Total Solutions For Law Enforcement, Security, Facilities Management, Fire, Rescue, Clothing, Marine Craft and Emergency/Disaster Response

Energy Management Solutions

Energy Management Planning and Strategies: A four-phase Comprehensive Energy Management Solution consisting of all four phases of an energy project such a building retrofits, renewable energy projects etc.

- **Consulting/Auditing/Energy Management Solutions**
- **Concept Development and Requirements Analysis**
- **Implementation and Change Management**
- **Measurement and Verification**

Energy Management Solutions



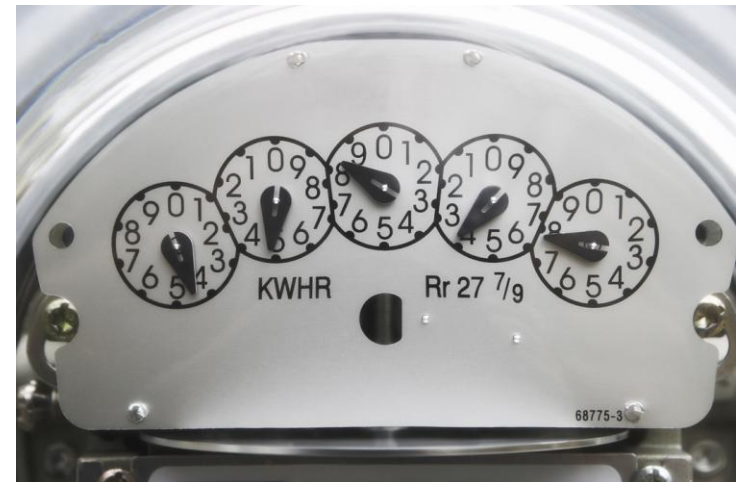
➤ Training on Energy Management

- Reducing energy consumption
- Energy awareness
- Mitigating risk with energy systems
- Energy efficient systems
- Operational assistance
- Obtaining LEED certification

Energy Management Solutions

➤ Metering Services

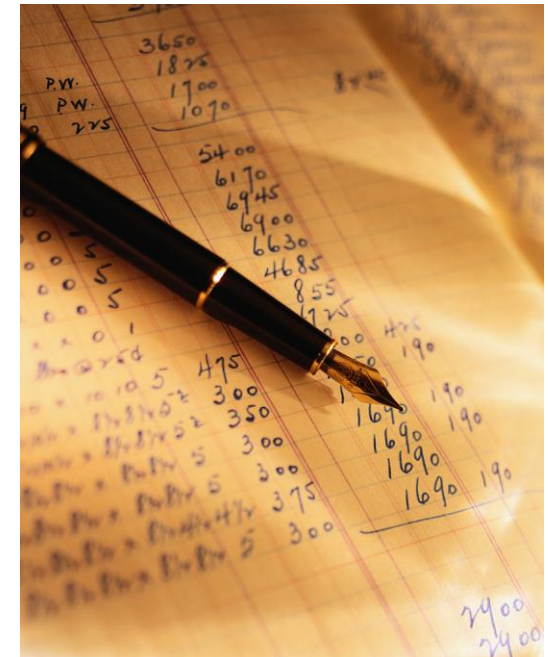
- Install meters and software to track real time data on energy consumption of a facility, building or equipment
- Gas, electric, steam and water



Energy Management Solutions

➤ Energy Program Support Services

- Billing management and oversight
- Allocation of costs
- Assistance with preparing energy statements of work



Energy Management Solutions

➤ **Building Commissioning Services**

- Includes commissioning, re-commissioning and retro-commissioning services
- Ensures a building is designed and operating in the optimal energy efficient manner

Energy Management Solutions

➤ Energy Audit Services

- Audits ranging from cursory to comprehensive
- Energy analysis, data collection, benchmarking and the identification of energy conservation measures
- Development, execution and reporting of audit plans



Energy Management Solutions

➤ Resource Efficiency Management

- The onsite analysis of current operation,, equipment, and energy purchasing patterns to determine ways to save energy and the estimated cost savings



Energy Management Solutions

➤ Innovations in Energy

- Renewable Energy Feasibility Studies
- Solar Energy
- Wind Power
- Hydropower
- Biomass Conversion
- Fuel Cells
- Geothermal



Energy Management Solutions

➤ Water Conservation

- Services and consulting focused on reduction of water usage
- Water audits, water balance, and water system analysis



The GSA Schedules Program Can Help

- Streamlines the Procurement Process
- Supports Firm-fixed Price Awards
- Flexible
 - ❑ Specific Terms and Conditions Can Be Included
 - ❑ Blanket Purchase Agreements & Contractor Teaming Arrangements
- Supports Socio-economic Goals
- Enables Competition To Meet Requirements

Added Features for Turnkey Solutions

- Consulting and Design Services
- Installation/Integration
- Maintenance
- Operational Assistance and Training
- Contractor Teaming
- Blanket Purchase Agreements

Contractor Teaming

- Schedule Contractors Partner Together To Provide a Solution
- Customer May Identify a Contractor to Take Lead
- Contractors May Propose Team Members in Response to Provision of RFQ



Blanket Purchase Agreements

- Single or Multiple BPAs
- Not to Exceed 5 Years (Review Annually)
- Allows for Quicker Turnaround on Orders
- Additional Price Concessions May be Available
- Eliminate the Need for Repetitive Individual Purchases

www.gsa.gov/schedules

GSA Schedule Ordering Procedures

- Prepare a Request for Quote Including:
 - ❑ Statement of Work
 - Work to be performed
 - Location of work to be done
 - Deliverable schedule
 - Applicable performance standards
 - Any special requirements
 - ❑ Evaluation Criteria
 - E.g. project plan for performing task
 - Price
 - Experience
 - Past Performance etc.

GSA Schedule Ordering Procedures

- Submit RFQ to GSA Schedule Holders
 - ❑ At or below micro-purchase threshold, place order with any GSA Schedule Contractor that can meet your needs
 - ❑ Above micro-purchase threshold, RFQ must be sent to at least three GSA Schedule Contractors that can meet your needs
- Evaluate Responses and Place Task Order

Tip: Use GSA's e-Buy to electronically submit your RFQ.

Statements of Work

- GSA samples
 - ❑ We are compiling some samples and can provide them upon request
- Developing a statement of work
 - ❑ GSA contractors can provide assistance in developing a statement of work

GSA e-Tools

- Schedules e-Library
 - ❑ Online listing of schedules, contract holders, contact information and terms and conditions
- GSA e-Buy
 - ❑ Electronic request for quote system
 - Sources sought, RFIs, RFQs and RFPs



Welcome! GSA eLibrary is your one source for the latest GSA contract award information. GSA offers unparalleled acquisition solutions to meet today's acquisition challenges. GSA's key goal is to deliver excellent acquisition services that provide best value, in terms of cost, quality and service, for federal agencies and taxpayers.

GSA offers a wide range of acquisition services and solutions utilizing a variety of tools, contract vehicles, and services to meet the customer's specific needs including Multiple Award Schedules, Governmentwide Acquisition Contracts, Technology Contracts, and Assisted Acquisition Services. For more information on what GSA has to offer, visit GSA.gov.



Search

in

all the words



enter Keywords, Contract Number, Contractor/Mfr Name, Schedule/SIN/GWAC Number

[View an Alphabetical Listing of available Contractors \(a-z\)](#)

Category Guide

- ▶ **Spring/Summer**
- ▶ Disaster Relief
- ▶ Homeland Security
- ▶ IT Solutions & Electronics
- ▶ Law Enforcement, Fire, & Security
- ▶ Recreation & Apparel
- ▶ Tools, Hardware, & Machinery
- ▶ Vehicles & Watercraft
- ▶ Building & Industrial
- ▶ Furniture & Furnishings
- ▶ Hospitality, Cleaning, & Chemicals
- ▶ Laboratory, Scientific, & Medical
- ▶ Office Solutions
- ▶ Services
- ▶ Travel & Transportation Solutions
- ▶ Wildland Fire & Equipment

News...



Recovery Act: How GSA Can Help Federal Agencies

For government agencies receiving funds as part of the American Recovery and Reinvestment Act, GSA offers an array of innovative products, services, and buildings and real estate solutions so agencies can use Recovery funds more effectively. [Click here to learn more](#) about complete customer options in Energy and Environmental; Engineering, Professional, Technical, and Business Consulting; Facilities, Modernization, and Management; and Technology and Telecommunications. By using GSA, government agencies will promote the transparency and accountability mandated by the economic recovery plan.

Quick Schedule

Go to

Schedule Contracts

GSA schedule contracts offer direct delivery of millions of state-of-the-art, high-quality commercial supplies and services at volume discount pricing!

- ▶ [View schedule contracts](#)
- ▶ [GSA schedules info](#)
- ▶ [VA schedules info](#)

Technology Contracts

GSA technology contracts cover the whole spectrum of IT solutions, from network services and information assurance to telecommunications and purchase of hardware and software.

- ▶ [View technology contracts](#)
- ▶ [GSA technology contracts info](#)

State and Local Governments

Cooperative Purchasing COOP PURCH

States and localities can now purchase IT products, services, and support equipment as well as law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response products and services from Federal Supply Schedules.

- ▶ [View participating vendors](#)
- ▶ [Cooperative Purchase FAQ](#)

Disaster Recovery Purchasing DISAST RECOV

Purchase products and services to facilitate recovery from a major disaster.

- ▶ [View participating vendors](#)
- ▶ [Disaster Recovery Purchasing FAQ](#)

Get Quotes!

With GSA eBuy, getting quotes is just a click away! GSA eBuy

▶ [Go to eBuy now...](#)

*** WARNING *** This is a U.S. General Services Administration computer system that is "FOR OFFICIAL USE ONLY." This system is subject to monitoring. Therefore, no expectation of privacy is to be assumed. Individuals found performing unauthorized activities are subject to disciplinary action including criminal prosecution. [Privacy and Security](#)

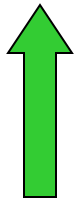
www.gsaelibrary.gsa.gov

Search Results Summary

Search Criteria: **energy management water conservation and support services**

Description matches

Source	Description												
03FAC	<p>FACILITIES MAINTENANCE AND MANAGEMENT</p> <p>ENERGY MANAGEMENT, WATER CONSERVATION AND SUPPORT SERVICES</p>												
	<table border="1"> <thead> <tr> <th>Category</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>871 200</td> <td> <p>Energy Management Program Support - Major categories of energy management program support to include, but not limited to: Energy Planning and Strategies - develop, execute, and report agency implementation plan activities pursuant to all federal laws and executive orders. Energy Choice Analysis - provide equipment and/or audit software and training to enable evaluation of various energy choices. Topics may include analysis of advantages and disadvantages of choices for reducing energy consumption including cost, financing and payback. Risk Management - provide equipment and/or software and training on risk management to minimize various levels of price uncertainty for energy purchases. Metering Services - provide a full range of metering solutions that allows the specified locations to understand load profiles; manage demand; allocate costs to tenants, regions, facilities, etc.; reduce consumption; negotiate with suppliers; and, monitor improvements from energy conservation measures. Billing and Management Oversight - provide billing services that may include, but are not limited to, verifying and correcting past utility bills, correcting over-billing, analyzing consumption and costs, forecasting energy usage, and reducing administrative costs through payment of a single bill. Preparing agency statements of work - assist agencies in preparing statements of work for energy management projects. This includes strategic source support, performance management, benchmarking/performance diagnostics such as Energy Star; organizational design of the statement of work, and compliance with legislative and executive order requirements such as achieving Energy Star criteria, where applicable. Homeland Security - assist agencies with vulnerability assessments, design strategies, distributed generation planning, and identification/mitigation of threats as related to the overall Energy Management Program. [Note - For separate assessment requirements NOT a part of Energy Management Program Support, refer to Schedule 84.]</p> </td> </tr> <tr> <td>871 201</td> <td> <p>Energy Audit Services - Energy Audits - develop, execute, and report on 10-year audit plans and/or perform energy audit services. Energy audits may range from cursory to comprehensive. At a minimum, audits shall include data collection, data analysis, benchmarking with tools such as Energy Star, and written recommendations of suggested upgrades of electrical and mechanical infrastructure, including their impact on energy consumption and pollution. Resource Efficiency Management (REM) - provide information on possible steps that will improve energy efficiency. This information shall include estimates of cost savings and environmental benefits. This includes onsite analysis of current operations, equipment, and energy purchasing patterns. This may include the services of a resource efficiency advocate for individual or aggregated building(s) in order to maximize resource efficiency. Use of Alternative Energy Sources - describe options for use of alternative energy sources, including converting to use of different sources of energy, alternative off-site storage and management, alternative and stand-by fuel pricing. 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Monday, July 13, 2009
Welcome
JENNIFER HAZELMAN

Messages
No messages at this time

RFQ Finder
Quickly retrieve an RFQ or retrieve an RFQ forwarded to you by another user.

RFQ
(enter only the number, i.e. 1290)

Buyers

Prepare an Online Request For Quote (RFQ)

Step 1. Assign Category & Select Vendors

In order to identify vendors who supply the products or services you are looking for, enter keywords that describe your requirement in the search box below. The search results will provide categories matching your search criteria. Vendors listed under the category(s) selected will have access to your RFQ or RFP, and may quote (certain exceptions for some GWACs). For a complete listing of Multiple Award Schedules (MAS) or Technology Contracts, click on the links below.

Search in

Category Guide

▶ Spring/Summer	▶ Building & Industrial
▶ Disaster Relief	▶ Furniture & Furnishings
▶ Homeland Security	▶ Hospitality, Cleaning, & Chemicals
▶ IT Solutions & Electronics	▶ Laboratory, Scientific, & Medical
▶ Law Enforcement, Fire, & Security	▶ Office Solutions
▶ Recreation & Apparel	▶ Services
▶ Tools, Hardware, & Machinery	▶ Travel & Transportation Solutions
▶ Vehicles & Watercraft	▶ Wildland Fire & Equipment

- GSA Multiple Award Schedules**
- ▶ [View Schedule Listing](#)
 - ▶ [View Schedule Information](#)

- GSA Technology Contracts**
- ▶ [View Technology Contracts](#)
 - ▶ [View Technology Contracts Information](#)

Send questions or comments to gsa.Advantage@gsa.gov or contact us at 1-877-472-3777

www.ebuy.gsa.gov

Customer Success Stories

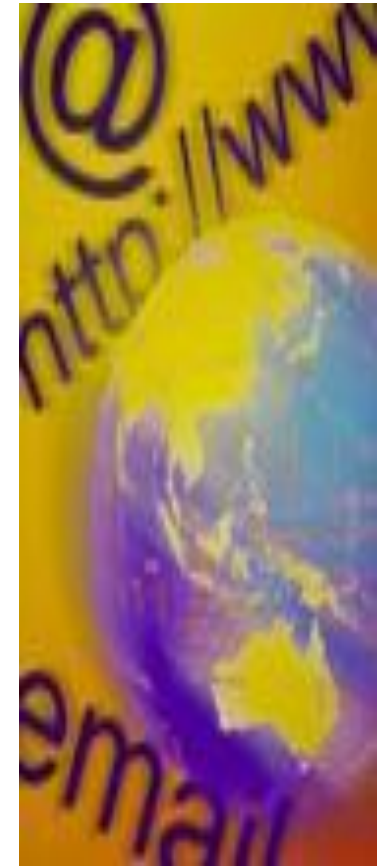
- Energy Audits & Building Commissioning Services - North Dakota National Guard
 - ❑ BPAs were set up with six energy management schedule contract holders – Schedule 03FAC
 - ❑ BPAs have shortened lead time for National Guard
 - ❑ Able to use for multiple bases without re-competing
 - ❑ Looking to expand to other bases in FY 2009

Customer Success Stories

- Energy Audits - VA National Energy Business Center
 - ❑ Used Schedule 03FAC for \$11 million in energy audits for facilities nationwide
 - ❑ Audits done quickly – short procurement lead times
 - ❑ Allowed for implementation of energy conservation measures in Phase II
 - ❑ Improved overall energy efficiency of buildings
 - ❑ Assisted in adhering to EO 13423

GSA e-Tools and Websites

- GSA Homepage - www.gsa.gov
- Information about the MAS Program - www.gsa.gov/schedules
- GSA Advantage!® - www.gsaadvantage.gov
- GSA eLibrary - www.gsa.gov/elibrary
- e-Buy - www.gsa.gov/ebuy
- Schedules Ordering Guide - <http://apps.fss.gsa.gov/cmls>
Search for “Desk Reference Guide”
- Customer Service Director Contact Info - www.gsa.gov/csd



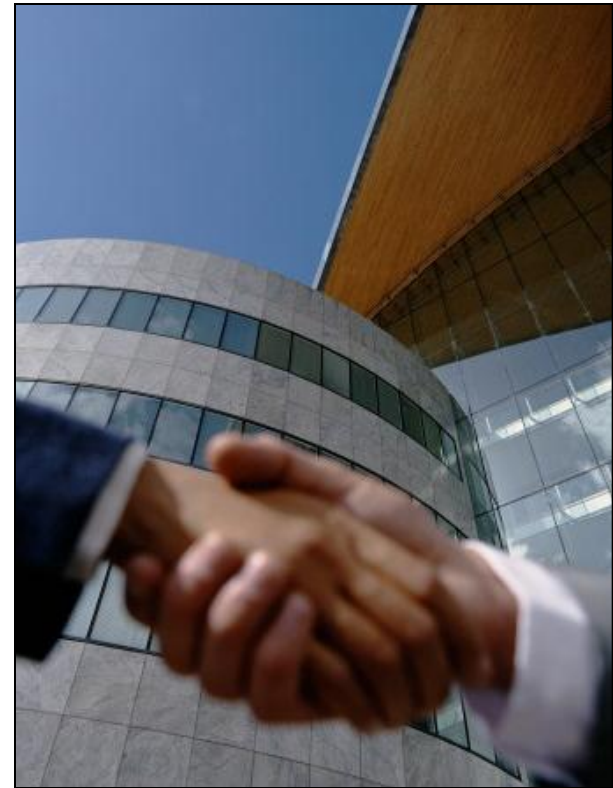
Point of Contact

Energy Management Services – Schedule 03FAC

Jennifer Hazelman

816.926.7193

jennifer.hazelman@gsa.gov



Questions and Answers



Thank You