



Introduction to the Federal Energy Management Program

The Federal Energy Management Program (FEMP) helps the country's largest energy consumer, the federal government, achieve **efficient, secure, and resilient energy use** in mission-critical facilities and fleets, saving billions in taxpayer dollars.

Since 1975, FEMP has helped the federal government **reduce energy intensity in federal buildings by 50%**. With FEMP's help, the federal government is on track to realize **\$60 billion in taxpayer savings** by 2030.

Top FEMP Priorities

1. Slash federal energy waste in buildings and fleets, achieving billions in taxpayer savings through:

Energy procurement: Helping agencies secure better utility rates and take advantage of utility incentives.

DOE pays the lowest utility rates of any agency governmentwide as a direct result of FEMP's support optimizing utility acquisitions.

Project facilitation and financing: Providing agencies with technical assistance, performance contracting support, and Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) funding awards.

By funding cost-effective facility improvements identified by routine energy and water audits across agencies, AFFECT grants, when combined with private industry funding through performance contracts, can result in more than \$8 billion in energy cost savings.

Tools: Developing tools that help agencies right-size federal buildings and fleets.

Data center optimization: Renewing focus on energy-intensive data centers in the federal buildings fleet and working with the Office of Management and Budget to issue guidelines and support to reduce costs of operation.

Transparent public reporting: Ensuring governmentwide public accountability through transparent performance reporting on federal agency energy and water consumption.



Key Impacts



Achieved a **17% reduction** in federal facility energy consumption across the federal government over the past 20 years.



Provided **+50,000 hours** of FEMP training for federal energy personnel to increase job competency, relevant skills, and knowledge.



Facilitated **\$38.6 billion** in guaranteed cost savings through energy performance contracts since 1998.

2. Leverage private sector finance and partnerships through:

AFFECT grants: Awarding \$290 million in AFFECT funding, which, when combined with \$3.8 billion from industry, represents a potential \$4.1 billion total investment in America's critical federal infrastructure.

Every \$1 of AFFECT funding is met with \$14 of private investment from industry.

The AFFECT program has enabled 160 projects focused on energy efficiency, cost savings, and operational resilience.

AFFECT-funded projects have resulted in more than \$137 million in annual federal energy cost savings.

Key Impacts



Delivered **\$19.2 billion** in cumulative savings through FEMP's ESPC IDIQ contract, guaranteed by energy cost-savings.



Saved federal agencies more than **\$2 billion** annually through performance contracts.



80% of AFFECT grants fund critical energy resilience and generation measures.

Indefinite-Delivery, Indefinite-Quantity (IDIQ) Energy Savings Performance Contract (ESPC)

Program: Providing a single contracting vehicle and guardrails to help agencies pursue energy performance contracts more efficiently and access private-sector partners, FEMP's IDIQ ESPC accounts for half of the government's performance contracts.

FEMP's IDIQ ESPC Program leverages budget-neutral private capital and has created 63,000 American job-years (direct jobs). Private financing works most effectively when paired with targeted grants like AFFECT that drive savings, expand project size, and improve resilience.

Technical assistance: Directly support agencies through metering, auditing, on-site energy optimization modeling (using REopt®), resilience and risk assessments, on-site workforce training (including Treasure Hunts, fleet assessments, and re-tuning).

*In Fiscal Year 2025 alone, FEMP has helped **25 agencies** with more than **100 technical assistance requests**.*

3. Restore energy resilience across federal operations, unleashing American energy resources in and on federal lands through:

Disaster preparedness: Providing energy resilience exercises and assessments at mission-critical agency sites that can support overall grid reliability and security, training the federal workforce in cybersecurity risk analysis and mitigation frameworks as more energy equipment is

interconnected, and helping install more microgrids and on-site generation at mission-critical sites.

Procurement and leasing expertise: Deploying FEMP expertise in complex federal land leasing and energy procurement rules to expand generation on federal lands and provide support to agencies with availability and assessment of nuclear tariffs.

Resilience planning: Fortifying critical federal operations and advancing national security through:

- Risk analysis tools to help federal facility and energy managers better understand and prepare for the impacts of grid outages.
- Training and technical assistance to advance on-site generation and microgrids.

Key Impacts



Completed **3.8 million REopt analyses** to date, helping federal sites calculate the economic viability of on-site energy strategies.



Identified **975 GW** of potential for enhanced geothermal.



Helped add **100 MW** of on-site energy capacity in the federal portfolio by providing AFFECT grants and facilitating performance contracts.

Advancing a Mandated Mission: Efficient, Secure, and Resilient Energy Use in Federal Facilities and Fleets

FEMP programming is based on statutory requirements that map to key federal agency statutory requirements for facility energy and water management.

Visit energy.gov/FEMP to help your agency save energy and taxpayer dollars.



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