

Department of Homeland Security
DHS Directives System
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ENERGY AND WATER MANAGEMENT

I. Purpose

This Directive on Energy and Water Management establishes Department of Homeland Security (DHS or the Department) policy regarding development and establishment of efficient, sustainable, resilient, and secure energy and water use management practices embodied in the Department's concept of Mission Sustainable Energy (MSE). By complying with this Directive, the Department and its Components reduce overall costs associated with energy and water consumption, improve energy resilience and security, and achieve affordable operational readiness throughout the Department.

II. Scope

This Directive applies Department-wide.

III. Authorities

This Directive is governed by numerous public laws, regulations, and executive orders, including, but not limited to:

- A. National Energy Conservation Policy Act (NECPA), as amended (42 U.S.C. 8201 et. seq.)
- B. Energy Policy Act of 2005 (EPAAct) (42 U.S.C. 15801 note; Public Law 109-58, 119 STAT. 594)
- C. Energy Independence and Security Act of 2007 (EISA) (42 U.S.C. 17001 note; Public Law 110-140, 121 STAT.1492)
- D. Energy Efficiency Standards for New Federal Commercial and Multi-Family High-Rise Residential Buildings, 10 CFR Part 433
- E. Energy Code for New Federal Commercial and Multi-Family High Rise Residential Buildings, 10 CFR Part 434
- F. Energy Efficiency Standards for New Federal Low-Rise Residential Buildings, 10 CFR Part 435

- G. Federal Energy Management and Planning Programs, 10 CFR Part 436,
- H. Executive Order 13693, Planning for Federal Sustainability in the Next Decade
- I. DHS Delegation 00002, "Delegation to the Under Secretary for Management"
- J. DHS Directive 025-01, "Sustainable Practices"

IV. Responsibilities

A. The **Chief Sustainability Officer (CSusO)** oversees management and direction of the Department's sustainability programs, including energy and water management practices.

B. The **Chief Readiness Support Officer (CRSO)** oversees the implementation of the Department's sustainability programs and energy management practices and:

1. Serves as the Department's Senior Official for energy and transportation management;
2. Advises the CSusO and Secretary, as appropriate, regarding Component requests for exemption from statutory, regulatory, and presidential requirements;
3. Oversees the actions of the Energy Saving Contract Center of Excellence and fuel purchases in accordance with Federal mandates;
4. Develops systems to support plans, guidance, policy, training, and Federal reporting;
5. Provides energy and water management services for property directly managed by the CRSO; and
6. Provides direction to Components on the management and execution of energy and water programs, including purchase of renewable energy certificates, implementation of alternative financing programs for energy and water management, and the development of energy and water conservation projects.

C. The **Chief Procurement Officer (CPO)** ensures relevant energy requirements and procurement procedures are integrated in the Homeland Security Acquisition Manual and all acquisitions, including those for energy, energy services, and energy consuming equipment and

1. Validates that delivered services or products meet required energy standards; and
2. Reports compliance with applicable energy requirements.

D. The **Chief Financial Officer (CFO)** implements appropriate procedures to ensure users of purchase and fleet cards comply with applicable energy and sustainability acquisition requirements, monitors compliance and reports performance for these requirements.

E. The **Chief Information Officer (CIO)** implements appropriate procedures to ensure that data centers, networks, and IT equipment achieve energy efficiency goals throughout the Department.

F. The **Executive Director of Sustainability and Environmental Programs (EDSEP)** within the Office of the CRSO oversees the development and establishment of the Department's energy management practices and:

1. Establishes draft energy policy and guidance (using the Directive 112-01, DHS Directives System process) and training to meet the policy requirements;
2. Oversees Component implementation of energy management programs and measures Departmental energy program performance;
3. Provides technical assistance to appropriate Component projects;
4. Oversees the development of the Department-wide advanced metering program;
5. Facilitates projects that lead to energy efficiency, sustainability, and security within DHS assets;
6. Compiles, consolidates, and reports Department-wide energy data; and
7. Facilitates Energy Savings Contract Center of Excellence activities.

G. The **Office of the General Counsel** provides advice concerning the applicability of federal, state, and local requirements.

H. The **Component heads** where required by responsibilities such as facility management and/or mobile asset management, implement an energy management program that meets the policy and requirements set forth in this Directive.

V. Policy and Requirements

A. Policy:

It is DHS policy that all operations are carried out in an energy and water efficient, and environmentally and fiscally sound manner that meets regulatory requirements, and DHS goals, targets, and objectives, while considering mission requirements, regional issues, energy reliability and availability, and life-cycle cost implications. Resources are allocated by the CRSO and each Component, consistent with their respective property management responsibilities, to meet the requirements of this directive. Components establish and maintain robust energy and water management programs consistent with all applicable laws, regulations, and executive orders.

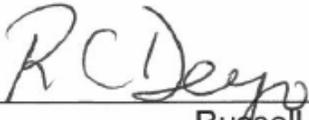
B. Requirements:

1. Components establish energy programs that include, at a minimum, activities to ensure:
 - a. Life cycle cost effective energy management projects as defined in 10 C.F.R. § 436 are identified, prioritized, and pursued;
 - b. Effective collection of high quality energy-related data and use of energy benchmarking as required;
 - c. Energy and water commodities delivered to real property under DHS control are metered, and that advanced meters are installed and operational where appropriate;
 - d. Effective utilization of alternative financing for energy conservation projects where feasible and life-cycle cost effective;
 - e. Facilities supporting mission-critical activities have standby energy systems that are: capable of meeting mission requirements; incorporate renewable energy generation where feasible; and are adequately maintained and tested;
 - f. Applicable energy efficiency and fossil fuel reduction standards for government-owned and leased buildings are met;
 - g. Designs for new facilities, major renovations, and equipment replacements, as well as procedures for facility operations and maintenance incorporate applicable requirements to meet energy efficiency, fossil fuel use reduction, water efficiency, energy security, and renewable energy standards;

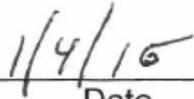
- h. Renewable energy systems are implemented where appropriate, and augmented if necessary by the purchase of renewable energy certificates to meet requirements; and
 - i. Reduction of fossil fuel consumption in fleet vehicles to the extent consistent with mission requirements.
- 2. Components implement potable and industrial, landscaping, and agriculture water use reduction programs to meet applicable requirements.
- 3. Components respond to data calls issued by the CRSO in the format prescribed.
- 4. Components submit complete data to required internal and external federal systems in accordance with DHS, Department of Energy, and other applicable agency instructions, including but not limited to the:
 - a. Sustainability Performance Management System;
 - b. Environmental Protection Agency's Portfolio Manager;
 - c. Department of Energy's Compliance Tracking System; and
 - d. Mobile fuels data collection systems.
- 5. Components prepare necessary documentation to request exclusions or exemptions from requirements and data reporting when appropriate.
- 6. Components prepare energy security plans for facilities that support mission-critical activities and maintain a list of critical operations with required infrastructure and their restoration priority.

VI. Questions

Address any questions or concerns regarding this Directive to Management, Office of the Chief Readiness Support Officer.



Russell C. Deyo
Under Secretary for Management



Date