

## INDIAN AFFAIRS MANUAL

Part: 80

Facilities Management Program

Chapter: 6

Energy Conservation/Management Program

Page 1

### 6. ENERGY CONSERVATION / MANAGEMENT PROGRAM

**6.1 Purpose.** This chapter establishes uniform policies, standards, overall criteria, and guidelines for planning, designing, constructing, managing, operating and utilizing Bureau facilities to effect energy conservation in an efficient and practical manner, consistent with National and Departmental policy and guidelines.

**6.2 Scope.** The information contained herein applies to all Bureau funded facilities. The Energy Program is managed by the Chief, Division of Operations and Maintenance. The goal of the Energy Program is to reduce *green house emissions and* energy consumption per square foot of Bureau funded facilities. This will be accomplished by incorporating sustainable building design principles into site selection, building orientation, design, construction and operation of new and existing facilities.

#### **6.3 Bureau of Indian Affairs Guidance.**

**A. General Policy.** It is the policy of the Bureau of Indian Affairs to provide safe, functional, energy-efficient and cost-effective facilities; and to comply with the National Energy Conservation Policy Act, Energy Policy Act of 1992 and subsequent Executive Orders. The objectives of the Bureau's Energy Conservation/Management Program are to conserve the nation's depletable energy resources; seek and utilize cost effective alternative energy sources; meet or exceed the goals of National and Departmental Energy Conservation Program; and maintain, operate, and utilize Bureau facilities for optimum energy use without impending programs.

#### **B. Specific Policies.**

**(1) Compliance with Regulations, Policies and Directives.** The Bureau's Energy Conservation/Management Program will be conducted in accordance with National and Departmental energy regulations, policies, directives, and guidelines, including 752 DM, Energy Conservation/Management Program.

**(2) New Construction.** New facility designs shall be directed toward sustainability, minimizing energy consumption and the utilization of alternative renewable energy sources such as photovoltaics, biomass, and wind generation. National and Departmental regulations, policies, and goals will be applied.

**(3) Existing Facilities.** Operation, maintenance, and utilization of existing facilities shall be directed toward optimization of energy use through the application of accepted energy conservation practices. Audits, surveys, retrofit programs, goals, and plans shall be conducted and implemented to coordinate with National and Departmental policy and schedules.

**(4) Renewable Energy.** OFMC shall strive to expand the use of renewable energy within its facilities and in its activities by implementing renewable energy projects and by purchasing electricity from renewable sources. In support of the Federal Government's Million Solar Roofs initiative, OFMC will strive to install solar energy systems on all new facilities as part of the Construction Program, and will install them on as many existing facilities as feasible.

## INDIAN AFFAIRS MANUAL

Part: 80

Facilities Management Program

Chapter: 6

Energy Conservation/Management Program

Page 2

### 6.4 Responsibilities.

**A. OFMC Responsibilities.** OFMC is responsible for the Bureau's overall Energy Conservation/Management Program. OFMC provides technical assistance and guidance on matters concerning the Bureau's Energy Conservation/Management Program. OFMC is responsible for:

- (1) Formulation of the Bureau energy conservation/management policies;
- (2) Formulating short- and long-term Bureau energy conservation/management plans consistent with National policy and Departmental guidelines;
- (3) Producing Bureauwide scheduled and special reports as required by the Department;
- (4) Coordinating the Bureau's Energy Conservation/Management Program and maintaining related files;
- (5) Providing Bureau liaison with the Department, other Federal agencies, and the private sector regarding energy conservation;
- (6) Conducting training and information seminars related to energy conservation methods and practices;
- (7) Providing technical assistance to Regional Offices, Agencies, other bureau offices and Indian tribes;
- (8) Processing alternative energy proposals for submittal to the Department;
- (9) Monitoring Regional/Agency activities and progress as related to the Bureau's Energy Conservation/Management Program.

**B. Regional Responsibilities.** Regional Facility Managers are responsible for:

- (1) Formulating and recommending Regional energy conservation/management policies in coordination with Agencies/Locations;
- (2) Implementing short and long-term Regional energy plans consistent with Departmental and Bureau guidelines and policy;
- (3) Producing consolidated Regional energy conservation/management schedules and special reports in accordance with Bureau, and Departmental guidelines and policy.

**C. Agency/Location and Education Line Officers Function and Responsibilities.** Agency Superintendents and Bureau of Indian Education Line Officers are responsible for:

- (1) Encoding all energy-related consumption costs and data into the Facilities Management Information System (FMIS);

(2) Coordinating the Agency's Energy Conservation/Management Program with local Facility Managers, Regional Facility Managers and OFMC;

(3) Monitoring Agency activities and progress as related to energy conservation/management;

(4) Maintaining required records and files;

(5) Implementing a building/facility energy conservation/management plan.

### **6.5 Program Components.**

**A. Sustainability.** OFMC will incorporate the Leadership in Energy and Environmental Design (LEED) as a self-assessing system for rating new construction and rehabilitated facilities. The LEED rating system will be used to evaluate and set goals for environmental performance from a "whole building" perspective over a particular building's life cycle.

**B. Off-Grid Generation.** OFMC will incorporate solar hot water, photovoltaic, fuel cells and other off-grid alternatives.

**C. Renewable Energy Purchases.** OFMC will pursue entering into two-year renewable energy contracts with local utility supplies of power generation from renewable sources.

**D. Electrical Load Reduction Measures.** OFMC will continue with strategies that reduce electrical consumption. Examples of this include replacing T12 light fixtures with T8 or T5, using Energy Star-rated exit signs, using metal halide lamps or low-temperature exterior lights, and reducing plug loads such as vending machine lights.

**E. Water Conservation.** Accelerate installation of high-efficiency plumbing fixtures, incorporate high-efficient irrigation technology and Xeriscape.

**F. High Efficient Systems.** Systems and product selection will be designated as ENERGY STAR (Registered Trademark) products or products that are in the upper 25 percent of energy efficiency as designated by FEMP (Federal Energy Management Program).