

## **ENVIRONMENTALLY PREFERABLE PURCHASING (AKA:SUSTAINABILITY OR BUY GREEN)**

(No. 3 February 2006)

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"Environmentally preferable purchasing" as defined in [PCC](#) section 12400 means the procurement or acquisition of goods and services that have a lesser or reduced effect on human health and the environment when compared with competing goods or services that serve the same purpose.

This comparison shall take into consideration, to the extent feasible, raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, disposal, energy efficiency, product performance, durability, safety, the needs of the purchaser, and cost.

### **DEPARTMENT REQUIREMENTS**

(No. 3 February 2006)

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Departments shall purchase only those products that meet the Federal Energy Management Program (FEMP) recommended standards where standards are available.

All products displaying the Energy Star® label meet the FEMP standards. A purchase of an Energy Star® labeled product automatically complies with the directive as stated by [Management Memo 01-14](#).

**Note:** Departments need to be aware that the State's appliance regulations for energy efficiency may be higher than that of the FEMP standards. Most often these types of purchases will be made as a result of a construction project and not under a department's purchasing authority. Although that will most often be the case, there may be exceptions. Consequently departments need to be aware of these higher State standards should the occasion arise where an appliance purchase is conducted outside of a construction project.

[Click](#) here to access the California Energy Commission web page for the appliance efficiency program and applicable Title 20 appliance regulations.

### **PREPARING SOLICITATIONS**

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Technical requirements in solicitations shall include FEMP requirement standards where standards are available.

#### **Example:**

A primary feature of Energy Star-compliant products is the ability to automatically power down to a low energy "sleep" mode after a specified period of inactivity.

## **NO FEMP RECOMMENDED STANDARD**

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For energy consuming products where there are no FEMP recommended standards, **purchasers** shall purchase products that conserve electrical power and/or natural gas to the maximum extent possible.

## **ENERGY STAR PRODUCTS**

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Listed below are examples of Energy Star® product categories and products for non-IT goods:

- Office Technologies
  - Copiers
  - Fax machines
  
- Commercial and Industrial Equipment and Appliances
  - Air or water-cooled electric chillers
  - Air conditioners
  - Heat pumps
  - Boilers
  - Ice cube machines
  - Clothes washers
  - Motors
  - Distribution transformers
  - Centrifugal pumping systems
  
- Construction Products
  - Residential windows
  - Roof products
  
- Residential Equipment and Appliances
  - Room air conditioners
  - Dishwashers
  - Refrigerators
  - Clothes washers
  - Central air conditioners
  - Gas furnaces
  - Electric water heaters
  - Gas water heaters
  - Air source heat pumps

- Water Saving Technologies (saving energy used to pump, heat and treat water)
  - Faucets
  - Showerheads
  - Toilets
  - Urinals

[Click](#) here to access the Energy Star program and listing of suppliers providing Energy Star-compliant products.

[\(see next section\)](#)

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[\(see Forms or Forms Samples\)](#)