

Finding Green Products on State Contracts

Antoinette Stein, PhD
Associate Procurement
Engineer
Department of General
Services
EPP Program
Antoinette.stein@dgs.ca.gov
916-375-4460

EPP is LAW in CA

- **AB 498 (2001, Chan)**
- **"Environmentally preferable purchasing 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:**

CA EPP LAW-AB 498 (2001, Chan)

- *raw materials acquisition*
 - *production, manufacturing*
 - *Packaging*
 - *Distribution*
 - *reuse, operation*
 - *Maintenance*
 - *Disposal*
- 
- *energy efficiency*
 - *product performance*
 - *durability*
 - *Safety*
 - *needs of the purchaser*
 - *Cost*

California Public Contract Code,
Chapter 6, Sections 12400-12404

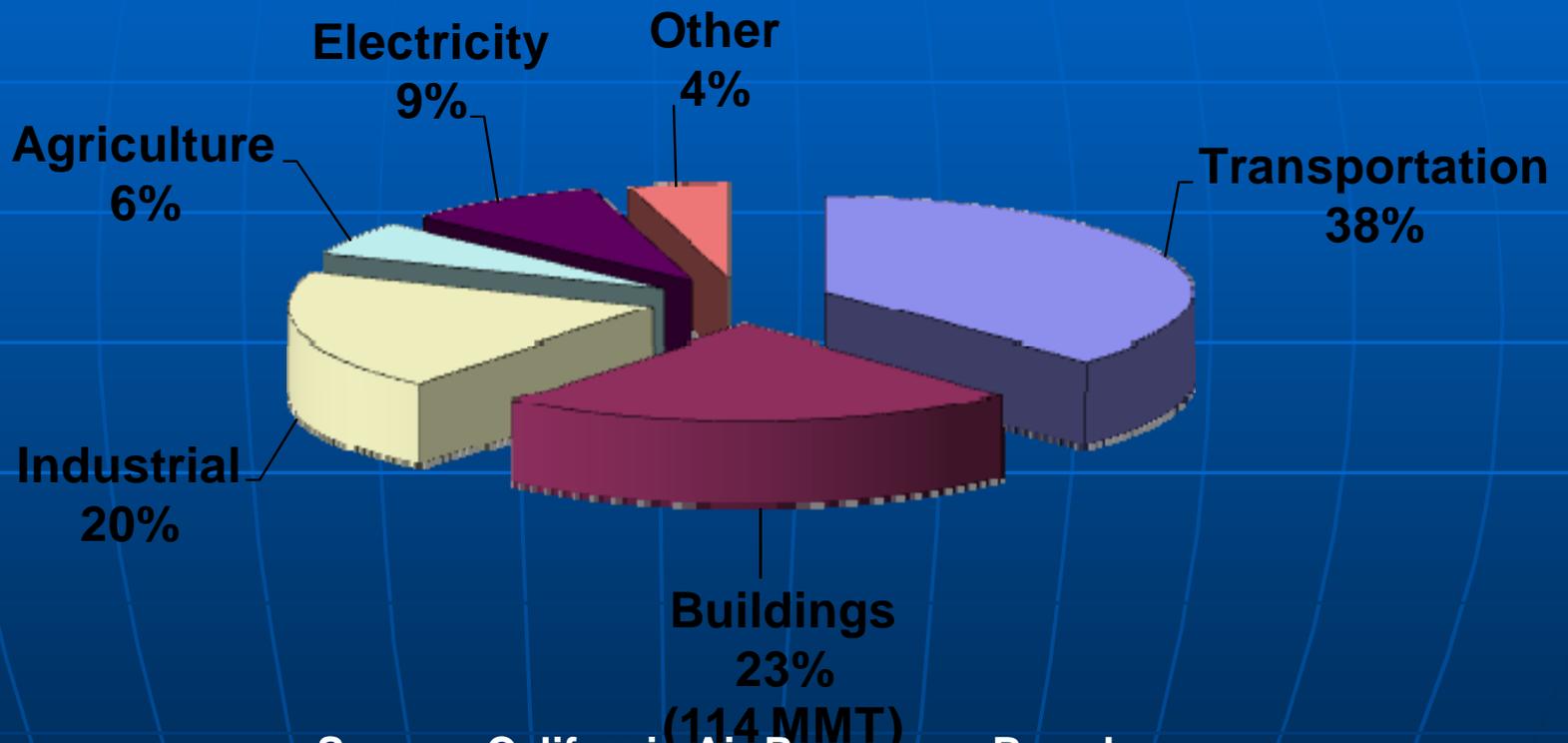
Climate Change is a significant environmental concern



<http://www.greenpeace.org/international/photosvideos/photos/global-warming-greater-threat>



California 2004 GHG Emissions (484 MMT CO₂E)

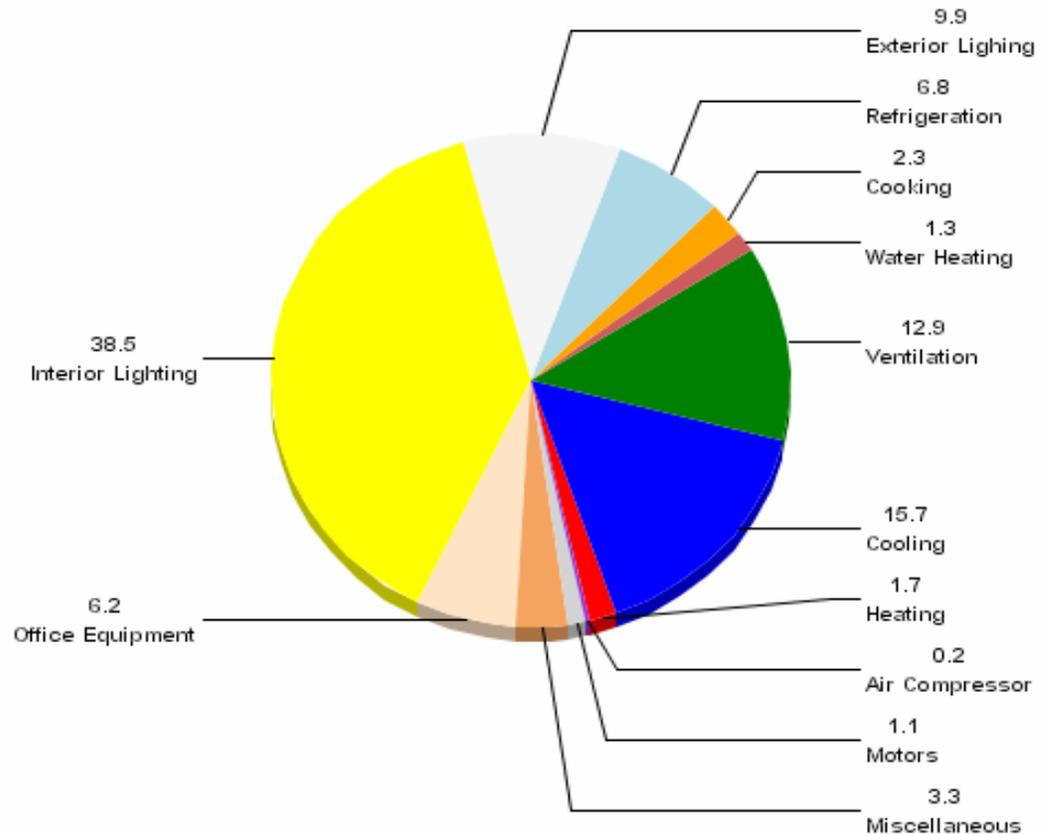


Source: California Air Resources Board

One Sector: School Buildings Electricity Usage (%)

Top 3

- Interior Lighting
- Cooling
- Exterior Lighting

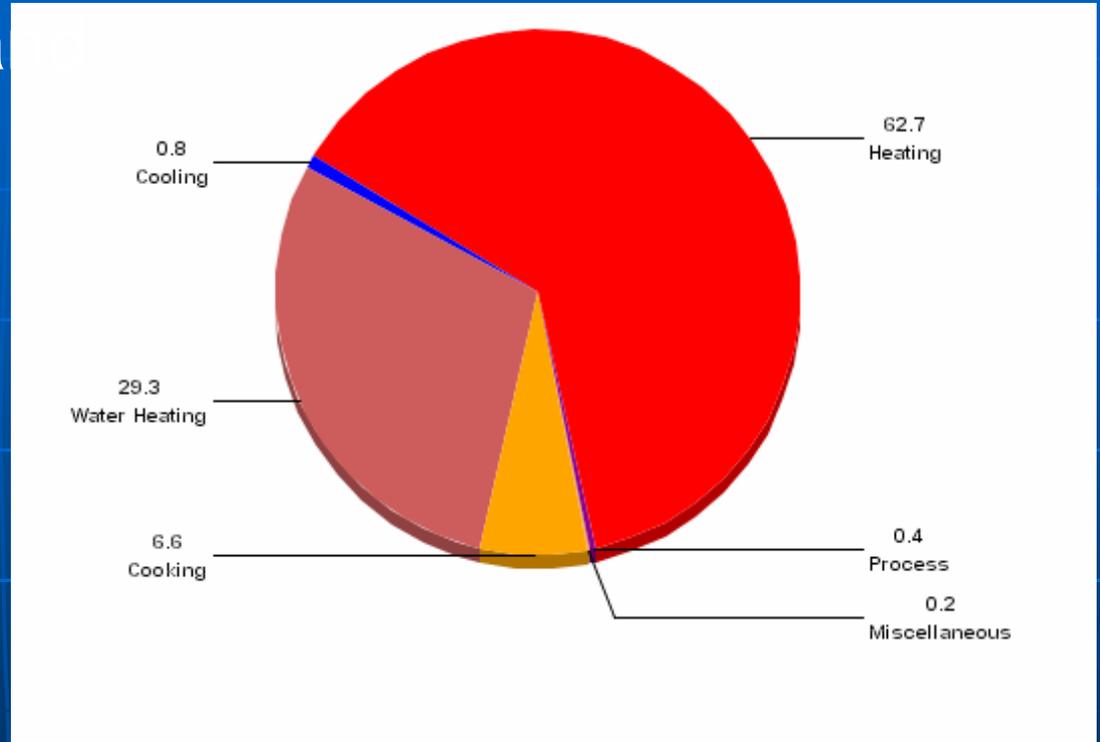


Source: California Commercial End-Use Survey (CEUS), April 2007
<http://capabilities.itron.com/CeusWeb/Chart.aspx>

One Sector: School Buildings Natural Gas Usage (%)

Top 3 End-Use Dema

- Space Heating
- Water Heating
- Cooking



Source: California Commercial End-Use Survey (CEUS), April 2007

<http://capabilities.itron.com/CeusWeb/Chart.asp>

X

Who Can Use the Statewide California Contracts?

- Any Government Entity under CA Public Contract Code 10298
- State Agencies
- Local Cities and Counties
- K-12 Schools
- Community Colleges and Universities
- Special Districts
- Joint Power Authorities for governmental purposes

CA Procurement system has changed

- CA has gone to an e-procurement system.
- Electronic procurement is now searchable via BidSync:
- <http://www.bidsync.com/DPX?ac=agencycontlist&foroid=307818>

Examples of CA EPP contracts- Paper products :

- Paper, Printing and Writing 1S-08-75-41 Mar 23, 2010, statewide mandatory- 30% and 100% PC recycled content and FSC certified.
- Checks, General and Revolving Fund, 1-08-75-02 Nov 17, 2010 statewide mandatory
- Disposable Food Service Supplies- 1-08-73-02A and B statewide mandatory- Dec 31, 2009 State Wide
 - Plates, Bowls, Trays, Containers, Utensils, lunch Boxes, and Wrapping Materials
 - Cups and Napkins

Products with Post consumer recycled products

- Envelopes, Recycled Paper Jul 31, 2010 General Services, DGS 1-08-75-04
- Toilet Tissue (mandatory) 1S-06-85-34 Jul 31, 2009 statewide mandatory
- Paint, Recycled Latex 1-08-80-10 May 1, 2009 StateWide
- Signs, Aluminum, Laminated and Formed, Roadside and Overhead Applications 1-07-97-32 May 16, 2009 State Wide
-

Products With Post Consumer Recycled Content

- Binders

- PIA -

- <http://catalog.pia.ca.gov/store.php?t=1237374951>

- Office Supplies 1S-06-75-55 mandatory statewide, Mar 30, 2009

- Picnic Tables and Benches –PCR

- 4-05-78-0013D CMAS Apr 30, 2009 State Wide

- Body Armor

Other Contracts with EPP features

- Sand or Cinders, De-icing (Delivered) (mandatory) 1-07-56-10 Jun 30, 2009 State Wide
- Sheets and Pillowcases 1-07-72-03 (mandatory) Jul 5, 2009 State Wide
- Signs, Aluminum, Laminated and Formed, Roadside and Overhead Applications 1-07-97-32 May 16, 2009 State Wide
- 5-06-99-04 Small Parcel Delivery Services Aug 27, 2009 State Wide

Products that are energy efficient

- Lamps/Lighting, 1-06-62-31 mandatory-statewide, expires Feb 28, 2010
- Vehicles
 - Alternative Fuel Vehicles 1-09-23-22 Jun 30, 2009
 - Hybrid Vehicles 1-09-23-11 Jun 30, 2009 Statewide mandatory
 - Neighborhood Electric Vehicles 1-09-23-05 (mandatory) Oct 31, 2009 State Wide
- Water Coolers, Electric (mandatory) 1-07-41-02 Jan 24, 2010 State Wide

Products that are energy efficient

■ IT/Computer equipment

- COMPUTER EQUIPMENT - NOTEBOOKS 1S-05-70-02-01 (mandatory) Jun 30, 2009 State Wide
- COMPUTER EQUIPMENT, Desktops/Workstations 1S-05-70-01-01 (mandatory) 06-70-00-01 June 30, 2009 State Wide
- Computer Equipment Mar 31, 2010 State Wide
- Printers (Western Blue) (mandatory) 1S-05-70-04 Jun 30, 2009 State Wide
- Copiers, Digital and Associated Services (mandatory) 1S-05-36-20 Jul 6, 2009 State Wide
- Universal Waste Recycling Services- E-Waste, cellphones, batteries, fluorescent lamps (Formerly E-Waste) 5-07-99-11-19, Jun 30, 2010 State Wide

Products with multiple attribute criteria:

- Carpet
 - California Gold Sustainable Carpet Standard
 - NSF 140
 - Management Memo 06-08-13 CMAS contracts
- Office Furniture
 - Open Office (Sole Source/Match and Intermember - Allsteel) (mandatory) Jul 31, 2009
 - Monolithic (Sole Source/Match and Intermember - Haworth) (mandatory) Jul 31, 2009
- Textiles
 - 1-07-72-03 Sheets and Pillowcases (mandatory) Jul 5, 2009 State Wide
- Filters, Air, HVAC carbon 1-06-41-03 (mandatory) Dec 31, 2009 State Wide
- 1S-06-51-02 Industrial Supplies, Tools and HVAC (mandatory) Jul 31, 2009 State Wide

Products with multiple attribute criteria:

■ Janitorial

- 1S-06-79-55 Janitorial and Electrical Supplies (mandatory) Jul 31, 2009 State Wide
- 7066 WSCA Industrial Supplies Nov 30, 2009 State Wide

■ Fuels

- Biodiesel B5 & B20 –Specifications to reduce health and safety risks
- Ethanol Fuel

Other Contracts you may use:

- WSCA

- Breast Pumps Sep 30, 2010 State Wide
- A63310 Computer Equipment, Software and Services Aug 31, 2009 State Wide
- EPS050076-A2-1 (to 3) WSCA Mailing Equipment and Maintenance Nov 8, 2009 State Wide
- 7-08-99-03 Printing Services Aug 15, 2009 State Wide
- 7-07-26-01 to 3 Tires, Tubes and Services Feb 28, 2010 State Wide
- 7-08-99-04 Vehicle Lifts and Related Garage Equipment Mar 31, 2011 State Wide
- 7-06-70-01 Wireless Telecommunications Services and Equipment
- Auto parts

- CMAS California Multiple Award System

[DGS Home Page](#)

[Green California Home](#)

[Governor's Green Action Team](#)

[Green Buildings](#)

[Energy Efficiency Projects Guide](#)

[Energy Programs: Onsite Generation](#)

[Energy Star Challenge](#)

[Environmentally Preferable Purchasing](#)

[Fact Sheets](#)

[FAQs](#)

[LCCA \(Life Cycle Cost Analysis\) Model](#)

[News and Events](#)



BEST PRACTICES MANUAL

Note: You can access chapters of the Best Practices Manual from the navigation bar on the right.

I. Introduction

- a. [Challenges Facing Californians](#)
- b. [What is Environmentally Preferable Purchasing \(EPP\)](#)
- c. [Finding "Best Value" through Environmentally Preferable Purchasing](#)
- d. [EPP in Practice](#)
- e. [Understanding Core Principles of Environmentally Preferable Purchasing](#)
 - i. [Product Life Cycle Assessment](#)
 - ii. [Cradle to Cradle](#)
 - iii. [Benefits to Human Health, the Environment, and Economy](#)
- f. [Environmental Attributes and Symbols Used in this Guide](#)
- g. [Using this guide to select EPP products](#)

II. Existing Laws, Mandates, and Guidelines

[California Home](#)

Welcome to *California*



[DGS Home Page](#)

[Green California Home](#)

[Governor's Green Action Team](#)

[Green Buildings](#)

[Energy Efficiency Projects Guide](#)

[Energy Programs: Onsite Generation](#)

[Energy Star Challenge](#)

[Environmentally Preferable Purchasing](#)

[Fact Sheets](#)

[FAQs](#)

[LCCA \(Life Cycle Cost Analysis\) Model](#)



GREEN CALIFORNIA

Environmentally Preferable Purchasing

Sustainable • Energy Efficient • Green Buildings • Green Buying

BEST PRACTICES MANUAL

Office Machines - Computers and Monitors

Environmental and Health Issues and Recommendations



Less Hazardous:

Products and packaging that have minimal or zero levels of hazardous or environmentally sensitive materials can minimize harmful impacts released during manufacturing, product use, and recycling.

-  [Home](#)
-  [EPEAT News](#)
-  [Search Product Registry](#)
-  [The Criteria](#)
-  [RFPs Citing EPEAT](#)
-  [Purchaser Resources](#)
-  [Manufacturer Resources](#)
-  [EPEAT for Individual Consumers](#)
-  [Subscribe to Email Lists](#)
-  [FAQs](#)

Welcome to EPEAT™

President Bush Orders Federal Agencies to Buy EPEAT-Registered Products

On January 24, President Bush signed Executive Order 13423 that mandates federal agencies to buy EPEAT registered products. The Executive Order includes other green purchasing and environmental improvement requirements. The full text of the Executive Order is available on the [White House website](#).

EPEAT is a system to help purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes. EPEAT also provides a clear and consistent set of performance criteria for the design of products, and provides an opportunity for manufacturers to secure market recognition for efforts to reduce the environmental impact of its products.

EPEAT™ Performance Tiers

EPEAT evaluates electronic products according to three tiers of environmental performance – Bronze, Silver and Gold. The complete set of performance criteria includes 23 required criteria and 28 optional criteria in 8 categories. To qualify for acceptance as

[Search by Manufacturer](#) [Search by Criteria](#)

EPEAT Registered Products Search Tool			
Product	 BRONZE or better	 SILVER or better	 GOLD
Desktops	79	67	0
Integrated Systems	0	4	0
Monitors	99	89	0
Notebooks	200	183	0
Totals	386	343	0