









# Green Procurement



*Department of General Services  
Bureau of Procurement  
June 9, 2010*

-  Introduction
-  Goal
-  Policy
-  Commodities
-  Contracting
-  Management Oversight
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- **State and Local Governments are major consumers of goods, services and construction.**
- **Every procurement has health and environmental considerations.**
- **Public contracting entities are in a position to drive affordable, market-based environmental improvements.**



- Demonstrate environmental leadership and influence industry and citizens to use environmentally preferable goods, services and processes.
- Stimulate innovation and market development of, and demand for, environmentally preferred goods and services, making these available and mainstream for other sectors of society.
- Encourage and support emerging environmental technologies.
- Integrate environmental considerations into every aspect of procurement
  - Providing economic health and environmental gains that will further our goals



***Green*** or ***Environmentally Preferable Procurement (EPP)*** is the selection of products and services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose.

*United States Environmental Protection Agency*



- **Green Procurement Policy**

- Procurement Handbook Part 1 Chapter 22
- Effective April 2, 2009



- **Commonwealth agencies are expected to use their buying power to procure environmentally-preferable products and services in order to:**

- Advance the protection of the environment and support sustainability
- Minimize the potential environmental and health impacts on workers and the public
- Encourage the production and sale of affordable, environmentally friendly and human health conscious products

- ☀ Analysis required on each commodity and service during the bid process to determine what *Green* options are available.
- ☀ When *EPP* option is comparable, statement of work or specifications are restricted to *EPP* option.
- ☀ Agencies expected to use their buying power to procure *environmentally preferable products* and services.
- ☀ *Green* options should be utilized whenever product or service is “comparable” in quality, availability and price.
- ☀ Suppliers required to offer *EPP* and *recycled* content items whenever available.
- ☀ Suppliers encouraged to minimize packaging and maximize *recycled/recyclable* content in packaging.
- ☀ Consolidation of certain requirements already in place such as *Energy Star* is required.

Programs

- ▶ **“Buy Green” Policy**
- ▶ **Governor’s Green Governmental Council**
- ▶ **Recycling Program**
- ▶ **Guaranteed Energy Savings Program**
- ▶ **Energy Conservation in State Facilities**

Policies and Directives

- ▶ **Statute**
- ▶ **Executive Order**
- ▶ **Management Directive**
- ▶ **Procurement Policy**



## ■ Carpet

- Must be certified to NSF-140-2007 *Gold/EPP Level*



## ■ Computers

- Must meet or exceed Silver registration or higher under *EPEAT* standards for energy conservation, toxic materials, product longevity, packaging, performance, and end-of-life disposal



## ■ Small Appliances

- Must be *Energy Star* certified

## ■ Paper

- Move from *30%* post consumer fiber to *100%* post consumer content copy paper



## ■ Replacement Light Bulbs

- Must meet or exceed *Green Seal* standards



## ■ Motor Oil

- Must be *recycled/reprocessed*



## ■ Toner Cartridges

- Must be *recycled*
- Move from petroleum based toner used in our remanufactured laser toner cartridges to a *bio-based toner (Soy Toner)*



## ■ Paint

- *Green Seal* Environmental Seal for Paints and Coatings, *GS-11*



## ■ Electric Vehicles

- Add *electric vehicles* to our Commonwealth fleet

## ■ Transition from bottled water to On-Demand water filtration systems

- Bureau of Procurement is currently in a trial program with *QUENCH* filtration system
- Planning to issue IFB for bottled water alternatives in near future

## ■ Implement usage of ph Neutral disinfectants where possible

- Use disinfectants that are non-hazardous, broad spectrum (hospital) *disinfectants that are ph neutral* like Excelyte

## ■ And more to come...



- **eWaste**

- Describe if and how you achieve 0% waste from being land filled
- Explain your ability to document custody and control of the electronic waste and your ability to indicate the final disposal method at a recycling, treatment, storage or disposal facility.

- **Furniture**

- List any products that are EcoLogo or GreenSeal certified.



- **Cleaning Suppliers**

- The Commonwealth requires environmentally friendly products. The Supplier should add 30 environmentally friendly products to the bottom of the price submittal.
- What type of R&D does your company conduct for the improvement and/or development of environmental preferable product lines?
- Does your company have an environmental corporate policy developed?
- What % of cleaning supplies are Green Seal certified?

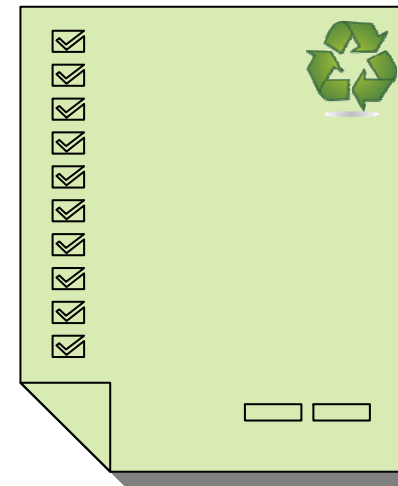


## The Commonwealth adopted the EPA guidelines:

- DGS lists only the “postconsumer” requirements and not “recovered” content - material that is in-house waste which is not part of the regular waste stream.
- EPA recommends that procuring agencies specify that mill broke cannot be counted toward postconsumer or recovered fiber content, except that mills can count mill broke generated in a papermaking process using postconsumer and/or recovered fiber as feedstock toward "postconsumer fiber" or "recovered fiber" content, to the extent that the feedstock contained these materials.

- IFBs, using the competitive sealed bidding method for supplies must set forth a min. % post-consumer recycled content certified by the bidder in order to qualify for a preference of 5%.
- Supplies for which the EPA has adopted procurement guidelines under the Resource Conservation and Recovery Act of 1976, the min. % post-consumer recycled content cannot be less than what is specified in those guidelines. 53 P.S. § 4000.1505 *et seq.*
- Agencies should give consideration to environmentally preferable products for:
  - small no-bid procurements
  - small informal bid procurements
  - in making selections from statewide requirements contracts based upon best value.

Before any solicitation for the procurement of supplies, services, or construction is issued, the purchasing agency shall perform an analysis to determine and document the availability and competitiveness of environmentally preferable products and/or services.



Specifications shall:

- Require suppliers to offer environmentally preferable and recycled-content products when available.
- Be written to ensure that they do not contain restrictive language or other barriers to purchasing environmentally preferable or recycled-content products, unless such specifications are necessary to protect public health, safety, or welfare.
- Encourage bidders and suppliers to minimize packaging to the extent practical. Packaging made of recycled or recyclable content is preferable to other forms of packaging.

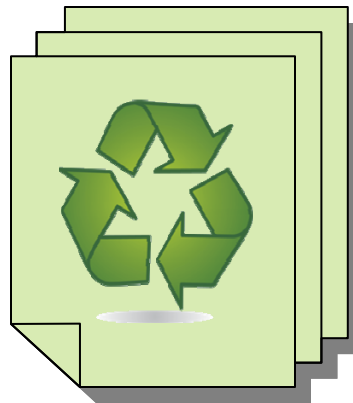


Agencies must, on a continuing basis, review and revise their existing procurement procedures and specifications to:

1. Eliminate procedures and specifications that explicitly discriminate against goods, supplies, equipment, materials and printing with recycled content.
2. Ensure, to the maximum extent economically feasible that purchased supplies may be recycled or reused when the supplies are discarded.
3. Encourage the use of goods, supplies, equipment, materials and printing that may be recycled or reused.



- When EPP and/or services are offered that are *comparable* to competing products, restrict the SOW or specifications to only the EPP services.
- In all product procurements, make best efforts to purchase low toxicity products, and other products manufactured through environmentally sustainable methods. In cases where alternatives are not available, purchasing agencies should include specifications to encourage product manufacturers to take back and recycle used products containing toxic materials.



**EcoLogo**



**Energy Star**



**Recycled Content**



**Green Seal**



**EPEAT**

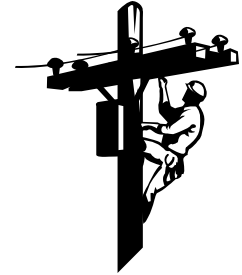
Purchasing agencies shall, when practicable, include consideration of environmental and actual costs through out the entire life cycle of the product (Executive Order 1980-3, *Life Cycle Costing*), to include environmental impacts, social impacts replacement costs and disposal costs.



All invitation for bids and requests for proposals for construction projects issued by purchasing agencies shall set forth any provision of Federal and state statutes, rules, and regulations dealing with the prevention of environmental pollution and the preservation of public natural resources that affect the project.



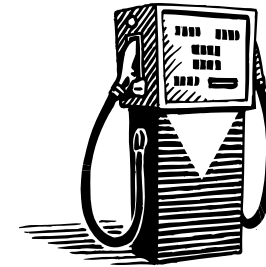
- 1 Million Megawatts of Electricity



- 150,000 tons of Coal



- 13,000,000 gallons Gasoline



- 8,000,000 gallons Heating Oil

- 6,000,000 gallons Diesel Fuel





- **EPA's Green Power Partnership**
  - Voluntary program that supports the organizational procurement of green power by offering expert advice, technical support, tools and resources
  - Works with Fortune 500 companies, local, state and federal governments, and colleges and universities
- **Pennsylvania an EPA Green Power Partner**
  - Joined Green Power Partnership in 2005
  - Received Green Power Leadership Award in 2006
  - Among EPA's Top 20 National Listing of Renewable Energy Users

## Green Energy Purchase

- **40%** of the commonwealth's energy purchases in 2009 were **green**, compared to 5% percent in 2003. The Commonwealth of Pennsylvania is now in ninth place in the EPA **Green Power Rankings**, **leading all states in the purchase of green energy.**



- **PA's Renewable Energy Strategy**
  - Purchase renewable energy credits as listed in the Governor's Directive.
- **PA's Renewable Energy Contract**
  - Effective 7/1/08 awarded to Renewable Choice Energy which ends 6/30/10. We are in the process of negotiating our path forward based on approval from the Governor's office.





The Commonwealth of PA Department of General Services is actively pursuing a variety of “**Green Energy**” projects. These include continued increase in environmentally friendly energy generation sources such as:

- Wind
- Solar
- Hydroelectric
- Biomass
- Methane gas electric cogeneration



- **Green Energy Credits**

- **300,000 MWh, approximately 30% of COPA usage, at \$2.045 each credit per MWh**
  - 90% from biomass\* sources
  - 10% from wind sources
- **Increase Utilization by:**
  - 10% or 400,000 MWh in June 2009
  - Additional 10 % or 500,000 MWh in June 2010
  - **Equals 50% renewable energy usage across PA**



*\* Biomass, as a renewable energy source, refers to living and recently dead biological material that can be used as fuel or for industrial production*

## • Biodiesel & Ethanol

- Statewide contracts are available to Agencies
- Currently no thresholds for the Commonwealth
- In May 2010, state law will mandate that all diesel sold must be a minimum of a B2 blend which is 2% pure biodiesel and 98% standard diesel fuel
- The Commonwealth of PA continues to move towards an increased use of Biodiesel at PennDot and DVMA for use in their vehicles and heating systems
  - Since November 2009, PennDot has purchased B5 blend (5% pure biodiesel) statewide
  - Price of B5 blend is approx .07/per gal. > mandated B2 blend
    - Price gap should narrow as biodiesel use becomes more prevalent
- Additional factors that might impact cost such as increase/decrease in fuel economy and maint./repair considered negligible
- PennDOT is evaluating the use of higher blends during warm weather months



- DGS continues to lead in reducing energy consumption through a number of relatively small projects that in total become meaningful:
  - ✿ Replacement of incandescent lights with compact fluorescent bulbs (CFL's) **Saved 61 million kWh annually.**
  - ✿ Replacement of fluorescent bulbs with Light Emitting Diodes (LEDs) **Savings potential when implemented - 440,000 kWh annually.**
  - ✿ Replacement of standard florescent bulbs with energy efficient bulbs and ballasts. **Saved 250,000 kWh annually.**

- Encouraged to maximize the procurement of environmentally preferable.
- Prepare annual summary of agency procurements of EPP/ services that details the type, volume and dollar amounts.
- Each contract issued with “environmentally preferable” items required or available should encourage the supplier to provide an annual statement that details the type, volume and dollar amounts of environmentally preferable products purchased by the Commonwealth.



- **New role at BOP**

- Manager of **Green Procurement** is Paul Wolf

- **Role and Responsibilities**

- Manage **E**nvironmentally **P**referable **P**urchasing
- Organize and conduct employee training
- Develop and maintain EPP Procedures
- Centralize EPP resources
- Promote and manage relationships with suppliers, and counterparts in other states
- Evaluate success of EPP programs/contracts
- Research, analyze and implement relevant best practices



- **Foundations of Green Procurement**
- **Examples**
- **Benefits**
- **Analysis**
- **Challenges**
- **Resources**
- **Tools**
- **PA Green Procurement Policy**
- *Role of Commodity Team*
- *Product Analysis Form*
- **Goals**



**BOP only**

▶ The world's population is continuously swelling and natural resources will need to be evenly distributed

The Commonwealth's choices **Today** will influence a cleaner standard of living and will promote a more resourceful market **Tomorrow**





- **Appendix A - Home Page**
- **Appendix B - Policies & Goals**
- **Appendix C - News & Events**
- **Appendix D - Green Contracts**
- **Appendix E - Product Certifications**
- **Appendix F - Helpful Links**
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Policy &  
Goals

News & Events

Green Contracts

Product  
Certifications

Helpful Links

Additional  
Resources



The Commonwealth of PA is a significant purchaser of materials and services.

Our activities impact the state and national economy and can influence both the price and availability of materials and services in the marketplace.

The Department of General Services [Green Procurement Policy](#) states that analysis is required on each material and service during the bid process to determine what [Green](#) options are available. When an [Environmentally Preferable Product \(EPP\)](#) is comparable, statement of work or specifications are restricted to the EPP option.

Commonwealth Agencies are expected to use their buying power to buy [Environmentally Preferable Products](#) and services in order to advance the protection of the environment and support sustainability, minimize the potential environmental and health impacts on workers as well as the public and encourage the product and sale of affordable, environmentally-friendly and human health conscious products.

Green options should be used whenever a material or service is comparable in quality, availability and price.

#### **Green Procurement Contact Information:**

Commonwealth of Pennsylvania  
Department of General Services  
Bureau of Procurement  
555 Walnut Street, 6th Floor  
Harrisburg, PA 17101

Contact: Paul Wolf  
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E-mail: [RA-QA-Division@state.pa.us](mailto:RA-QA-Division@state.pa.us)

## Commonwealth of Pennsylvania's Green Procurement Policy

The Commonwealth of Pennsylvania is a significant purchaser of materials and services and is uniquely positioned to leverage our purchasing power to influence both price and availability in the marketplace.

“Green” or Environmentally Preferable Procurement (EPP) is the selection of products and services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose.

Our policy is to analyze each commodity and service during the bid process to determine what EPP options are available. The “green” option is utilized whenever the product or service is comparable in quality, availability and price.

## Commonwealth of Pennsylvania's Green Goals

- Demonstrate environmental leadership and influence industry and citizens to use environmentally preferable goods, services and processes
- Stimulate innovation and market development of and demand for, environmentally preferred goods and services, making these available and mainstream for other sectors of society
- Encourage and support emerging environmental technologies

## Department of General Services' Green Procurement Goals

- Maximize the number of Environmentally Preferable Products on Commonwealth contracts, contributing to a healthier Pennsylvania environment
- Incorporate environmental considerations as part of our standard purchasing process
- Increase the awareness of the benefits associated with Green Procurement
- Provide leadership in Green Procurement practices to minimize environmental impact

## Upcoming Events

*No scheduled events at this time*

## Events

### [2010 Video Governor's Green Government Council](#)

Find out how your everyday purchasing decisions can impact the environment, the economy and your health in this Governor's Green Government Council video

### [2009 Pennsylvania Energy Expo Video with Speakers Jeff Mandel & Scot Case](#)

Department of General Services, Bureau of Procurement Chief Procurement Officer, Jeff Mandel discusses the background and purpose of the Commonwealth's Green Purchasing Strategy.

### [2009 Pennsylvania Energy Expo Video with Secretary of General Services, James Creedon](#)

Secretary Creedon speaks about the Commonwealth of Pennsylvania's energy reduction progress, green energy purchases and the promotion of green education across the state.

### [Message from Bureau of Procurement CPO, Jeffrey I. Mandel](#)

Green Procurement Initiative message from Pennsylvania's Department of General Services, Bureau of Procurement Chief Procurement Officer (CPO), Jeffrey I. Mandel.

## Achievements, Commendations and Awards

### Commonwealth of Pennsylvania Commended for EPEAT™ Purchases

In a recent article the Northeast Recycling Council commended the Commonwealth of Pennsylvania's commitment to purchase EPEAT™ – registered products. All computer desktops, monitors, and notebook computers offered to and purchased by the Commonwealth now must carry an EPEAT™ Silver designation or better.

### Winners of 2010 Governor's Award for Environmental Excellence

2009 Governor's Award for Environmental Excellence winners are announced by Pennsylvania's Department of Environmental Protection. This program focuses on preparing a new generation of Pennsylvanians to be better stewards of our resources.

### Commonwealth Building Rated for Superior Efficiency

Pennsylvania's Rachel Carson Building Earns EPA Energy Star Rating for Superior Efficiency.

### Department of General Services Green Efforts

Commonwealth of Pennsylvania's Department of General Services Green Efforts.

### Commonwealth of Pennsylvania's Biodiesel Law

January 2010 Commonwealth of Pennsylvania's Biodiesel law will mandate that all diesel sold must be a minimum of a B2 blend which 2% pure biodiesel and 98% standard diesel fuel.

## Energy News

### EPA Announces Changes to Bolster Energy Star Program

### Diesel Tech Grant to Improve Pittsburgh's Air Quality & Bolster Economy

The commonwealth has applied for a \$1.5 million Clean Diesel Emerging Technology grant through the American Recovery and Reinvestment Act to upgrade two marine diesel engines in the Pittsburgh area, Governor Edward G. Rendell announced today.

### State Government Reduces Energy Use 18 Percent, Saving Taxpayers \$2.2 Million Annually

Aggressive Conservation Efforts on Track to Shatter 20 Percent Energy Reduction Goal.

### Report on Pennsylvania's Green Energy Future is Encouraging

Department of Environmental Protection (DEP) Secretary says combination of conservation and more clean energy are Key to Economic Recovery.

### Pennsylvania Green Energy Credits

Commonwealth of Pennsylvania Utilizes 30% of Green Energy Credits with goal to increase utilization by 10% in 2009 and 2010.

### \$25 Million Renewable Energy Program

Commonwealth of Pennsylvania's Renewable Energy Program has \$25 million available to spur new jobs and growth in the renewable energy manufacturing industry. To obtain additional information visit [www.newpa.com](http://www.newpa.com) and search keyword "Energy".

The icons listed below were incorporated into [PA eMarketPlace](#) to assist in identifying Commonwealth of Pennsylvania statewide contracts that contain green products. Open the eMarketPlace link and click on the “Search Contracts” section to locate contracts containing products that meet the following requirements:



EcoLogo



Energy  
Star



Green  
Seal



Recycled  
Content

### Self Certification

#### Energy Star Program

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

#### Electronic Product Environmental Assessment Tool (EPEAT™)

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.

#### Recycled Content Products

Section 6002 of the Resource Conservation and Recovery Act (RCRA) established the Federal buy-recycled program. EPA designates recycled content products in the Comprehensive Procurement Guidelines (CPG) and provides recommendations for purchasing the products in Recovered Materials Advisory Notices (RMANs).

### Independent, Third-Party Certification

**Independent, third-party certification is a scientific process by which a product, process or service is reviewed by a reputable and unbiased auditor (third party) to verify that a set of criteria, claims or standards are being met. Third-party certifications are provided below:**

#### Chlorine Free Products Association

The Chlorine Free Products Association {CFPA} is an independent not-for-profit accreditation & standard setting organization. CFPA's focus is promoting sustainable manufacturing practices, implementing advanced technologies free of chlorine chemistry, educating consumers on alternatives, and developing world markets for sustainably produced third party certified products and services.

#### Leadership in Energy and Environmental Design (LEED)

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

#### EcoLogo

Founded in 1988 by the Government of Canada but now recognized world-wide, EcoLogo is North America's largest, most respected environmental standard and certification mark.

#### Forest Stewardship Council (FSC)

FSC is an independent, non-governmental, not for profit organization established to promote the responsible management of the world's forests.

#### Green-e

Green-e is the nation's leading independent consumer protection program for the sale of renewable energy and greenhouse gas reductions in the retail market. Green-e offers certification and verification of renewable energy and greenhouse gas mitigation products.



**GREENGUARD**

The GREENGUARD Certification Program<sup>SM</sup> is an industry-independent, third-party testing program for low-emitting products and materials.

**Green Seal**

Founded in 1989, Green Seal provides science-based environmental certification standards that are credible, transparent, and essential in an increasingly educated and competitive marketplace.

**Scientific Certification Systems (SCS)**

SCS is global leader in independent certification of environmental, sustainability, food quality and food purity claims.

**NSF International**

NSF International, The Public Health and Safety Company<sup>™</sup>, a not-for-profit, non-governmental organization, is the world leader in standards development, product certification, education, and risk-management for public health and safety.

## Green Procurement Information and Resources

### National Association of State Procurement Officers (NASPO)

NASPO is a non-profit association dedicated to strengthening the procurement community through education, research, and communication.

### Responsible Purchasing Network (RPN)

RPN is an international network of buyers dedicated to socially responsible and environmentally sustainable purchasing.

### National Institute of Government Purchasing (NIGP)

NIGP is the National Institute of Governmental Purchasing. Since 1944, developing, supporting and promoting public procurement practitioners through premier educational and research programs, technical services and advocacy initiatives.

### International Organization for Standardization (ISO) Standards

ISO is the world's largest developer and publisher of International Standards. ISO is a non-governmental organization that forms a bridge between the public and private sectors.



### Commonwealth of Pennsylvania Agencies and Organizations

#### Governor's Green Government Council (GGGC)

The mission of the Governor's Green Government Council is to help state agencies lead the Commonwealth towards a goal of zero emissions to air, land, and water by having all employees routinely consider the environmental effects of their policies, practices, and daily actions at all levels of decision making.

#### Pennsylvania Department of Environmental Protection (DEP)

Mission to protect Pennsylvania's air, land and water from pollution and provide for the health and safety of its citizens through a cleaner environment, working as partners with individuals, organizations, governments and business to prevent pollution and restore natural resources.

#### Pennsylvania DEP Recycling

The Pennsylvania DEP is the state agency largely responsible for administering Pennsylvania's environmental laws and regulations. Pennsylvania made recycling the law in July 1988 with Act 101, the Municipal Waste Planning, Recycling and Waste Reduction Act, thus making Pennsylvania the largest state in the nation to require recycling.

#### Pennsylvania DEP Energy Program

Energy Grants, Loans & Rebates Program.

#### Pennsylvania Department of Conservation and Natural Resources (DCNR)

Established on July 1, 1995, the Pennsylvania Department of Conservation and Natural Resources is charged with maintaining and preserving the 117 state parks; managing the 2.1 million acres of state forest land; providing information on the state's ecological and geologic resources; and establishing community conservation partnerships with grants and technical assistance to benefit rivers, trails, greenways, local parks and recreation, regional heritage parks, open space and natural areas.



Federal Agencies and Organizations
<p><b>US Environmental Protection Agency (EPA)</b> EPA leads the nation's environmental science, research, education and assessment efforts. The mission of the Environmental Protection Agency is to protect human health and the environment.</p>
<p><b>US EPA Comprehensive Procurement Guidelines Program (CPG)</b> The CPG program is part of EPA's continuing effort to promote the use of materials recovered from solid waste.</p>
<p><b>US EPA Comprehensive Procurement Guidelines Products</b> A key component of the CPG program is EPA's list of designated products and the accompanying recycled-content recommendations.</p>
<p><b>United States Department of Agriculture (USDA), BioPreferred</b> BioPreferred is a Federal program that aims to increase the purchase and use of biobased products. Biobased products are made from biological or renewable agricultural materials like plant, animal, marine or forestry ingredients. Examples of biobased products for commercial, industrial or consumer use include: building materials, lubricants, bioplastics, and cleaning products.</p>
<p><b>USDA Procurement</b></p>

Other States' Agencies and Organizations
<p>California</p>
<p>Massachusetts</p>
<p>New Jersey</p>
<p>New York</p>
<p>Virginia (Go Green Virginia Organization)</p>

Policy Links
<b>Policy Handbook, Green Procurement, Part I, Chapter 22</b>
<b>ACT 101 1988</b> Municipal Waste Planning Recycling and Waste Reduction Act
<b>Executive Order 1998-1</b> Governor's Green Government Council
<b>Management Directive 205.22</b> Recycling, Waste Reduction and Procurement of Environmentally Preferable Products
<b>Management Directive 720.5</b> Energy Efficiency
<b>Governor's Green Government Council</b>
<b>DGS Recycling</b>
Pennsylvania Department of Environmental Protection (DEP) <b>DEP Website Homepage</b> <b>DEP Recycling</b>
<b>Department of General Services (DGS) Commonwealth Agency Waste Paper Recycling Guide</b>
<b>Pennsylvania Department of Conservation and Natural Resources(DCNR)</b>

## Calculate Green Savings

### **mygreenaudit**

The green and environmental management portal of NCS International. NCS International has a solid track record in verifying management systems for the energy sector and wider business community – including greenhouse gas verification.

### **Philadelphia Eagles Go Green**

This site is designed to let our fans know how the Eagles organization is making an effort to reduce its environmental footprint and what you can do to help.

### **Responsible Purchasing Network (requires free registration on RPN website)**

Responsible Purchasing Network (RPN) is an international network of buyers dedicated to socially responsible and environmentally sustainable purchasing.

## Green Information

### **Green Procurement Guidance Documents**

This guidance document is designed to provide Commodity Specialists and Purchasing Agents with background information on the Commonwealth of Pennsylvania's Green Procurement Program. It includes reference materials and step by step instructions on how to complete the Environmentally Preferable Products (EPP) Analysis Form for inclusion in every Commodity Plan

### **Glossary of Terms**

Glossary of Green Procurement Terminology

### **Pennsylvania Environmental Council (PEC)**

The PEC protects and restores the natural and built environments through innovation, collaboration, education and advocacy.

### **Green Biz**

Green Biz is the leading online news and information resource on how to align environmental responsibility with business success. It offers more than 8,000 resources, including daily news and feature stories, reports, checklists, case studies, and links to organizations, technical assistance programs, government agencies, and recognition programs. Its free e-newsletter, GreenBuzz, reaches more than 20,000 professionals every week.

### **Sins of Greenwashing**

TerraChoice Environmental Marketing Inc. reveals common claims which could mislead consumers regarding the environmental practices of a company or the environmental benefits of a product or service.

### **EnviroLink**

EnviroLink is a non-profit organization. EnviroLink is dedicated to providing comprehensive, up-to-date environmental information and news.



## Live Green

### Green Guide

Dubbed the “green living source for today’s conscious consumer”, the Green Guide makes living in an environmentally-aware way personal, practical and positive.

### BuyGreen - Green Living Tips

BuyGreen’s mission is to become your most trusted source for green products, offering the widest variety of quality products, the best information for consumers, and the most enjoyable shopping experience.

### Go Green Virginia (GoGreenVa)

The Virginia Municipal League's GoGreenVa recognizes that communities need to take innovative steps to reduce energy usage and promote sustainability.

### The Daily Green

Born on Earth Day 2007, The Daily Green has grown into one of the most trusted sources on the Web for news and information about going green.

## Buy Green

### BuyGreen

BuyGreen’s mission is to become your most trusted source for green products, offering the widest variety of quality products, the best information for consumers, and the most enjoyable shopping experience.

### New American Dream

The Center for a New American Dream helps Americans consume responsibly to protect the environment, enhance quality of life, and promote social justice.



## Energize Green

### Home Energy Saver

The Home Energy Saver is designed to help consumers identify the best ways to save energy in their homes, and find the resources to make the savings happen.

## Travel Green

### Greenercars

The American Council for an Energy-Efficient Economy (ACEEE) is a nonprofit, 501(c)(3) organization dedicated to advancing energy efficiency as a means of promoting economic prosperity, energy security, and environmental protection. This official website for ACEEE Green Book is a unique consumer resource providing Green Scores rating the environmental friendliness of every vehicle on market.

## Keep it Green (Recycle)

### Rethink Recycling

The Solid Waste Management Coordinating Board (SWMCB) launched its first education outreach campaign in 2003 to help citizens living in the six-county Twin Cities metro area (the counties of Anoka, Carver, Dakota, Hennepin, Ramsey and Washington) understand the urgent need to make environmentally responsible purchasing and disposal decisions in their daily lives.