

A Look at Green Procurement in Maryland

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Maryland Department of General Services*

Maryland's Green Purchasing Program



- Est. 2010 by the Green Maryland Act
- Inter-Agency Green Purchasing Committee

Statutory Members:

- General Services (Chair & Staff)
- Budget & Management
- Commerce
- Environment
- Health
- Information Technology
- Natural Resources
- Public Safety & Correctional Services
- State Treasurer
- Transportation
- University System of Maryland

Maryland Green Purchasing Committee



Promote EPP



Train



Develop policies & guidelines



Publish Specs



Coordinate



Report

Our Work is Founded in Law

“All procurement agencies shall purchase environmentally preferable products and services unless purchasing environmentally preferable products and services would limit or supersede any requirements under any provision of law or result in the purchase of products and services that:

- (1) Do not perform adequately for the intended use;*
- (2) Exclude adequate competition; or*
- (3) Are not available at a reasonable price in a reasonable period of time.”*

Green Purchasing Specifications

Per statute, the Green Purchasing Committee approves and publishes “Environmentally Preferable Specifications” that Agencies should then adopt

[§14-405.](#)

- (b) (1) To encourage the maximum purchase of environmentally preferable products and services, the Maryland Green Purchasing Committee established under § 14-410 of this subtitle shall establish environmentally preferable specifications to be adopted by State agencies.
- (2) The environmentally preferable specifications shall be published and maintained online by the Maryland Green Purchasing Committee for use by State agencies.
- (c) Each State unit shall review annually the procurement specifications currently used by the unit and, to the extent practicable:
 - (1) adopt the environmentally preferable specifications published by the Maryland Green Purchasing Committee; and
 - (2) revise the unit’s procurement specifications in accordance with § 14-410 of this subtitle.

Examples of Statutory Requirements



- **EPEAT Purchase Requirement (State Finance and Procurement Article §14-414)**

When purchasing an electronic product to be used by the State, a State unit shall purchase an electronic product that:

- (1) Is listed and rated Silver or Gold on the EPEAT Registry; or
- (2) Meets nationally recognized and consensus-based standards established by a comprehensive environmental rating system approved by the Department of Information Technology.

- **Expanded Polystyrene Food Service Products – Prohibitions (Environment Article §9-2203)**

(a) “On or after July 1, 2020, a person may not sell or offer for sale in the State an expanded polystyrene food service product.”

(b) “On or after July 1, 2020, a food service business or school may not sell or provide food or beverages in an expanded polystyrene food service product.”

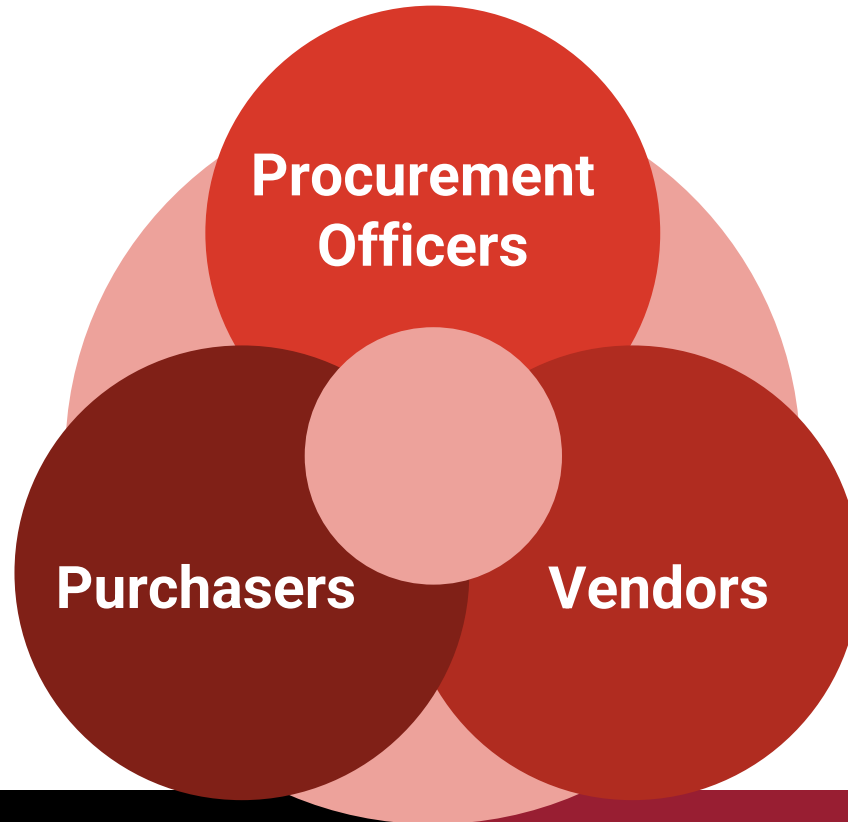
- **Limitations on Hazardous Substances (Environment Article §6-1201:§6-1204)**

A person may not manufacture, process, sell, or distribute in the State a new product or flame- retardant part of a new product that contains more than one-tenth of 1% of **pentaBDE (pentabrominated diphenyl ether)** or **octaBDE (octabrominated diphenyl)** by mass.

A person may not manufacture, lease, sell, or distribute for sale or lease in the State electrical or electronic equipment that contain more than one-tenth of 1% of **decaBDE (decabrominated diphenyl ether)** by mass.

Focusing Our Work

Three Main Actors



Institutionalize Green Purchasing in Procurement Operations

1. [Green Purchasing Language in Procurement Manual](#)
1. [Environmentally Preferable Specifications](#) & Green Contracts
1. [eProcurement System](#)
1. Trainings: Green Purchasing 101; Specialization

Green Purchasing Specifications

1. Legislation, Statutes, Regulations
1. Prohibited Products
1. Minimum Requirements
1. Additional Environmentally Desirable Attributes
1. Environmentally Preferable Purchasing Language



3. MINIMUM REQUIREMENTS

- Products purchased as part of new building construction or purchased as part of a major renovation must comply with the requirements of the Maryland High Performance Green Building Program.
- For single product purchases (e.g. as part of a retrofit or product replacement), must follow the energy efficiency and product requirements in Section 3.A.1.*
- All refrigerant-using products must utilize low global warming potential (GWP) substitutes approved under the U.S. EPA's Significant New Alternative Policy (SNAP) program.
 - i. High GWP refrigerants (e.g. HFCs) are primarily used in the heating and cooling sectors (e.g. air conditioners, chillers, heat pumps, etc.).
 - ii. SNAP's acceptable refrigerants by end-use can be found at <https://www.epa.gov/snap/snap-substitutes-sector>. These substitutes can also be filtered by Retrofit or New, and sorted by GWP.
- All HVAC equipment must be sized appropriately. As stated in the International Energy Conservation Code (IECC), "the output capacity of heating and cooling equipment shall be not greater than that of the smallest available equipment size that exceeds the loads calculated" in accordance with ANSI/ASHRAE/ACCA Standards (C403.3.1). In addition, "heating and cooling loads shall be adjusted to account for load reductions that are achieved where energy recovery systems are utilized in the HVAC system in accordance with the ASHRAE *HVAC Systems and Equipment Handbook* by an approved equivalent computational procedure (IECC C403.1.1)."
- The Contractor must ensure technicians who install HVAC systems and equipment follow original equipment manufacturer instructions and industry-wide best practices.
 - i. For instance, technicians must follow the Quality Installation standards issued by the Air Conditioning Contractors of America when installing air conditioning equipment (<https://www.acca.org/standards/quality>).

* Exceptions may be granted by the Maryland Green Purchasing Committee (GPC) where circumstances of an extreme nature are encountered. Thorough justification of an exception request, including energy usage, performance information, life-cycle costing, and pricing that compares all available alternatives, must be provided with the request. Requests may be submitted to IGS.BuyGreen@maryland.gov.

A. Product Requirements

I. Energy Efficiency Requirements*

To the maximum extent practicable, and when the equipment is manufactured and available at a higher efficiency rating than the current code, the following products are required to be 15% more efficient in performance than the standards set by the most recent version of the IECC in effect at the time of purchase. The relevant section numbers from the 2018 IECC are included below, as are the section numbers for the 2021 IECC which are italicized. The IECC tables with the GPC efficiency requirements can be found in Appendix C (2018 IECC) and Appendix D (2021 IECC)

- a) Air Conditioners and Condensers
 1. Unitary Air Conditioners and Condensing Units - Electrically Operated (C403.3.2(1))

Specification Index

EnvironmentallyPreferableSpecifications

	A	B	C
	Product or Service	Specification	eMMA Commodity Code
1			
2	Abrasives (Snow and Ice Control)	Snow and Ice Control	31191500
3	Adhesive Removers	Janitorial Supplies	44121626
4	Adhesives	Flooring	31200000
5	Air Conditioners	HVAC	72101511
6	Air Purifiers	Appliances	23180000
7	Anti-Caking Additives	Snow and Ice Control	12160000
8	Antifreeze	Engine Coolants	15121807
9	Audio/Video Electronics	Electronic and IT Products	45110000
10	Bagged Snow and Ice Control Products (50 lbs. and under)	Snow and Ice Control	30191800
11	Bagged Snow and Ice Control Products (over 50 lbs.)	Snow and Ice Control	30191800
12	Ballasts	Lighting	39101900
13	Bamboo Flooring	Flooring	30161700
14	Bathroom Cleaners (Non-disinfecting & Non-sanitizing)	Janitorial Supplies	47131800

174 product categories covered by 18 specifications!

Coordinate with Statewide Vendors

1. [Collect and Verify Data on Green Product Sales](#)
1. Ensure Compliance with Statutory & Regulatory Requirements
1. Block Prohibited Products on eCommerce Platforms
1. Develop Green Purchasing Guides

Green Purchasing Guides

Buying Green Products on Maryland's Contract with BISM

Shop Green in Maryland
Blind Industries & Services of Maryland (BISM) offers a variety of environmentally preferred products and is dedicated to developing additional environmentally safe items to achieve a better, GREENER tomorrow.

How can I buy green products from BISM?
Go to www.bism.org/state
or Call our Customer Care Team at 410-737-2600

"Green Certified"
For over a decade, BISM has been working to provide environmentally focused products to Maryland. Every item on this list is Green! Check below for items with Green Seal, EcoLogo & FSC Certifications. And look for our complete Master List at www.bism.org/state







Every Purchase Makes a Difference!

Product	Eco-Labels & Certifications	BISM #
Office Supplies		
Copy Paper, 8.5" x 11"	50% Recycled/50% Post-Consumer	10410-50
5" x 8" Glue Top, Ruled White	50% Recycled/30% Post Consumer	10101-031803
8.5" x 11" Glue Top, Ruled White	50% Recycled/30% Post Consumer	10101-032103
8.5" x 14" Glue Top Paper Pad	50% Recycled/30% Post Consumer	10101-033103
5" x 8" Tape Top, Ruled White	50% Recycled/30% Post Consumer	10102-051103
5" x 8" Tape Top, Ruled Canary	50% Recycled/30% Post Consumer	10102-051110
8.5" x 11.75" Tape Top, Ruled White	50% Recycled/30% Post Consumer	10102-052103
8.5" x 11.75" Tape Top, Ruled Canary	50% Recycled/30% Post Consumer	10102-052110
8.5" x 14" Tape Top, Ruled White	50% Recycled/30% Post Consumer	10102-053103
8.5" x 14" Tape Top, Ruled Canary	50% Recycled/30% Post Consumer	10102-053110

MCE

These certified products are available in a wide variety of sizes to meet your needs and can be spaced planned by our design team. Contact your account manager for further information.

VOLITION MODULAR DESKING

VOLITION is a freestanding desk system with a vast array of sizes, shapes, colors, and features. Beyond the simple rectangular work surface, Volition gives the end user the choice of many transition, peninsula and corner work surfaces. In addition, various conference ends and non-traditional work surfaces can be added. VOLITION can also be used with recast panel systems.



SYSTEMS XXI MODULAR OFFICE

SYSTEM XXI offers a vast array of office settings from basic workstations to managerial offices to receptionist stations to multi-seat team pods. This system provides a comfortable, ergonomic work area while utilizing the least amount of floor space and remaining adaptable to change.



POWERWORKS MODULAR SYSTEMS

POWERWORKS was developed with the worker in mind - the worker whose needs constant change. A life system to channel power throughout the workstation at the premise behind POWERWORKS, it supports the altering of entire configurations without disturbing adjacent panels or power and data outlets. Stackable power sections are easily connected to non-dielectric or segmented panels for personal privacy as required. POWERWORKS is strong and sturdy, and best of all, cost-effective.



AMBERG MODULAR DESKING SYSTEM

AMBERG is a steel desk system whose flexibility adapts to the needs of the user. This versatile line allows its users to arrange the system in the manner in which best suits them. The AMBERG line includes desks, workbenches, mobile cart units, privacy screens, mobile panels, pedestals, overhead storage units and additional accessories.



www.bism.org | 410.540.5400

Maryland Green Purchasing Guide LED Lighting Equipment May 2022

INTRODUCTION




One of the most practical sustainability strategies available to public agencies to protect human health and the environment while saving money is to replace conventional lighting equipment – including incandescent, fluorescent, and high-intensity discharge (HID) – with LED luminaires, retrofit kits, and replacement lamps. Because LEDs are highly energy efficient, they can significantly reduce electricity consumption and greenhouse gas emissions. They also minimize replacement and disposal costs because they last a very long time – up to 10 years – and are free of toxic mercury.

This guide is designed to make it easy to:

- identify high-performance LED lighting equipment on Maryland's Statewide Contracts – preferably products with a third-party certification (e.g., ENERGY STAR or DesignLights Consortium (DLC));
- specify high-performance LED lighting equipment when drafting contracts; and
- understand how LED lighting equipment will help the State of Maryland protect human health and the environment while saving money.

MARYLAND STATEWIDE CONTRACTS OFFERING LEDs

Electrical, Lighting, Data Communications and Security Products: BPO No. 001B8400425

- Vendor:** Graybar Electric Co. (410) 342-5500, ext. 3127
- Sample Brands:** Acuity/Halophane/Juno/Lithonia, Columbia Lighting, Cooper, Dual-Lite, Eaton, GE Current, Kichler, Philips/Signify/Day-Brite, Progress Lighting, RAB, Westinghouse

GraybaR

Facility Maintenance, Repair and Operations (MRO) Products: BPO No. 001B9400021

- Vendor:** Eastlen (507) 494-3225
- Sample Brands:** Acuity/Lithonia, Dual-Lite, Eaton, Hubbell/Columbia, MaxLite, Philips/Signify, Satco

FASTENAL

Facility Maintenance, Repair and Operations (MRO) Products: BPO No. 001B9400023

- Vendor:** Grainger (410) 391-9000
- Sample Brands:** Ability One, Acuity/Juno/Lithonia, GE Current, Lumapro, MaxLite, Philips/Signify, Sylvania/LEDVance

GRAINGER

Facility Maintenance, Repair and Operations (MRO) Products: BPO No. 001B9400024

- Vendor:** MSC Industrial Supply Company (410) 644-1313
- Sample Brands:** AbilityOne, Acuity/Lithonia, Cooper, Eiko, GE Lighting, Hubbell, Hylite LED, Philips/Signify, Sylvania/LEDVance

MSC HELP TO MAKE YOU BETTER

Certification Information: Refer to page 203

Green Lists

Filter by Description

Monitors EPEAT

Detailed View Summary View

Showing Items 1 to 11 of 11 Sort by **Item # Ascending - Default**

Manage Favorites

Shop Favorites Lists

MY LISTS

SHARED LISTS

- Eco- Ink, Toner
- Monitors EPEAT
- Printers EPEAT
- Recy Supplies
- Recy Toilet Paper

[See More >>](#)


CATEGORY

- Displays & Digital Projectors (9)
- Miscellaneous Items (2)

Add to:

Select

Items per page


 **ViewSonic Corporation** **\$187.10 / Each** **VEVVA2055SA**

ViewSonic VA2055SA 20" 1080p LED Monitor with VGA and Enhanced Viewing Comfort - 20" Monitor - MVA technology - Full HD 1920 x 1080p - 16.7 Million Colors - 250 Nit - 60Hz Refresh Rate - VGA

- Full HD 1920 x 1080 resolution offers stunning color performance and clarity
- Flicker-Free and Blue Light Filter reduce eyestrain for viewing comfort


1 Review

1 Qty

 **22" 1080p LED Monitor with HDMI and VGA and Enh...** **\$188.10 / Each** **VEVVA2246MHL ED**

Comments

1 Qty

 **ViewSonic Corporation** **\$143.10 / Each** **VEVVA2447MH (VEVVA2446MHL E)**

ViewSonic VA2447-MH 24 Inch Full HD 1080p Monitor with Ultra-Thin Bezel, AMDFreeSync, 75Hz, Eye Care, and HDMI, VGA Inputs for Home and Office - 24" Monitor - MVA technology - Full HD 1920 x 1080p - 16.7 Million Colors - AMD FreeSync - 250 Nit - 5ms - 75Hz Refresh Rate - HDMI - VGA

- Enjoy more content in a larger, more viewable screen in a frameless design for less wasted material
- Easily configures multiple screens for a sleek, eye-catching setup in any setting

3 Reviews

1 Qty


ECO-Toner 33 Items / Shared

Search for Items Categories Product availability Core item All filters

Sort By **Tags 0-9/A-Z**

Add to cart

0 Items **\$0.00**

1  **21% off**

Brother Black High-Yield Toner Cartridge (TN-460)


Item #: 392467 | Model #: TN460 | CIN #: 392467

Added to list on 11/3/2022

\$91.26 ~~\$116.38~~

eco id

Free delivery

1  **19% off**

Brother TN-450 Black Toner Cartridge, High Yield, print up to 2600 pages


Item #: 889863 | Model #: TN450 | CIN #: 889863

Added to list on 11/3/2022

\$56.72 ~~\$70.18~~

eco id

Free delivery

1  **38% off**

Brother TN-890 Black Ultra High Yield Toner Cartridge


Item #: 1067992 | Model #: TN890 | CIN #: 1067992

Added to list on 11/3/2022

\$118.03 ~~\$191.64~~

eco id

Free delivery

1  **37% off**

HP 26X Black High Yield Toner Cartridge (CF226X), print up to 9000 pages



Item #: 1847330 | Model #: CF226X | CIN #: 1847330

Added to list on 11/3/2022

\$179.06 ~~\$286.66~~

eco id

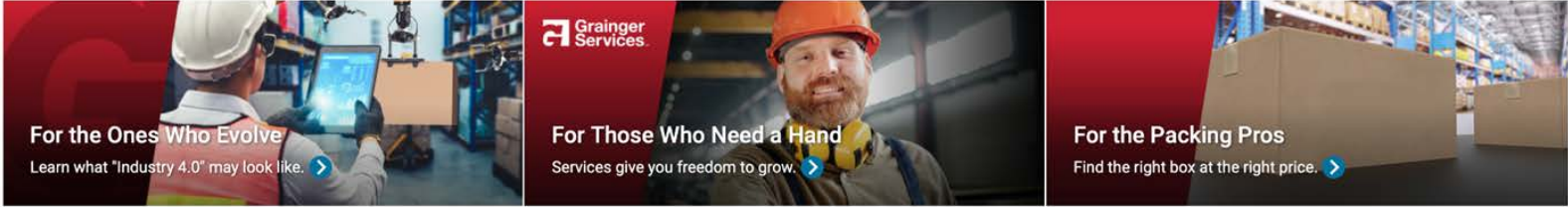
Green Vendor Platforms

All Products ▾ Enter keyword, item, model or part #  Bulk Order ▾ My Account ▾ 

Business Recovery: Products and solutions to help your business move forward. [Get Started >](#)

Custom Catalog [View >](#)

All Products Green Products



For the Ones Who Evolve
Learn what "Industry 4.0" may look like. [>](#)

For Those Who Need a Hand
Services give you freedom to grow. [>](#)

For the Packing Pros
Find the right box at the right price. [>](#)

All "green" products meet Maryland's standards.

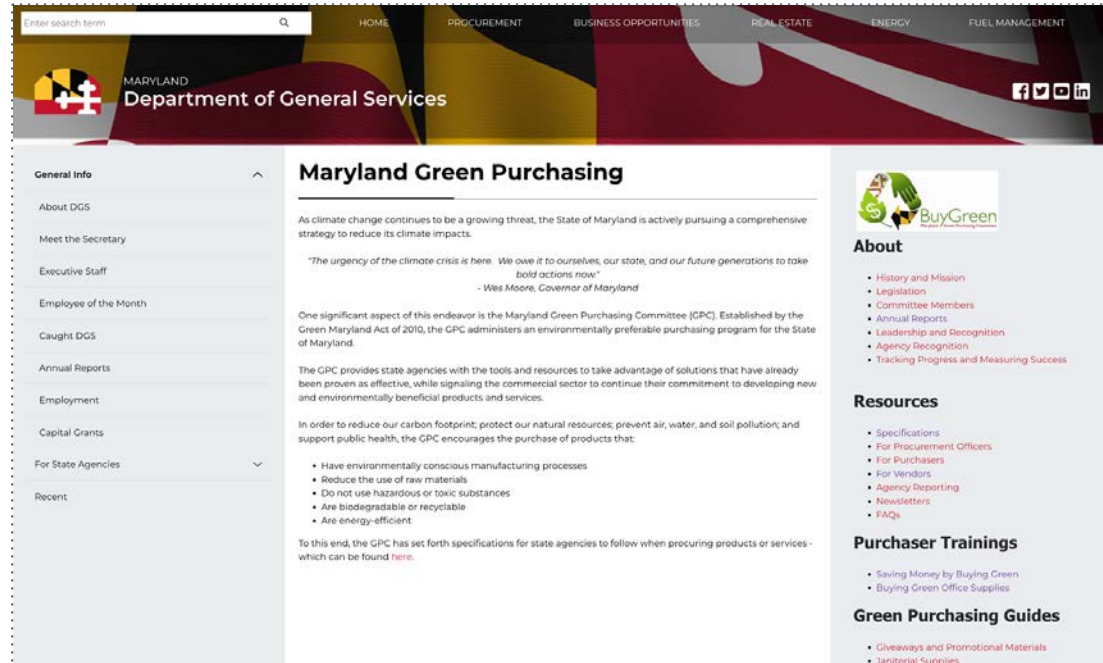
Help Identify Green Products and Services on Statewide Contracts

1. Green Purchasing Guides

1. Purchaser Trainings
 - a. [Saving Money by Buying Green](#)

 - a. [Buying Green Office Supplies](#)

Interested in Learning More?



Enter search term

HOME PROCUREMENT BUSINESS OPPORTUNITIES REAL ESTATE ENERGY FUEL MANAGEMENT

MARYLAND Department of General Services

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Maryland Green Purchasing

As climate change continues to be a growing threat, the State of Maryland is actively pursuing a comprehensive strategy to reduce its climate impacts.

"The urgency of the climate crisis is here. We owe it to ourselves, our state, and our future generations to take bold actions now."
- Wes Moore, Governor of Maryland

One significant aspect of this endeavor is the Maryland Green Purchasing Committee (GPC). Established by the Green Maryland Act of 2010, the GPC administers an environmentally preferable purchasing program for the State of Maryland.

The GPC provides state agencies with the tools and resources to take advantage of solutions that have already been proven as effective, while signaling the commercial sector to continue their commitment to developing new and environmentally beneficial products and services.

In order to reduce our carbon footprint; protect our natural resources; prevent air, water, and soil pollution; and support public health, the GPC encourages the purchase of products that:

- Have environmentally conscious manufacturing processes
- Reduce the use of raw materials
- Do not use hazardous or toxic substances
- Are biodegradable or recyclable
- Are energy-efficient

To this end, the GPC has set forth specifications for state agencies to follow when procuring products or services - which can be found [here](#).

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- Agency Recognition
- Tracking Progress and Measuring Success

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Green Purchasing Guides

- Giveaways and Promotional Materials
- Printing Supplies

Read Our [Annual Reports](#) & [Visit Our Website](#)

Contact Us

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General Inquiries

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