Maryland
DEPARTMENT OF
GENERAL SERVICES

Maryland Green Purchasing Committee

Quarterly Meeting: February 11, 2021

CHANGING
Maryland
for the Better

Welcome

Virtual Meeting Logistics

- Please ensure that you are on “mute”
- We may mute you
- Unmute yourself if you need to speak
- Introduce yourself by name prior to speaking

Virtual Meeting Logistics

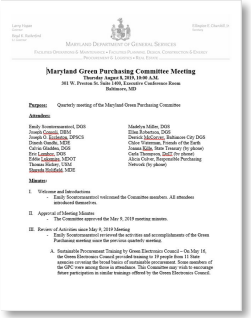
If you are joining by phone, you need to use *6 to UN-MUTE yourself to speak

Introductions

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

- Guests
  - BISM
  - MCE
  - Others

Approval of Meeting Minutes



Larry Hogan
Governor
Boyd K. Rutherford
Lt. Governor

Elizabeth Chandler
Secretary

Maryland Department of General Services
Facilities Development & Management • Facilities Planning, Design, Construction & Energy
Procurement, Logistics • Real Estate

Maryland Green Purchasing Committee Meeting
Thursday August 8, 2019, 10:00 A.M.
301 W. Preston St. Suite 1400, Executive Conference Room
Baltimore, MD

Purpose: Quarterly meeting of the Maryland Green Purchasing Committee

Attendees:

Emily Scontrosanmicol, DGS
Joseph Cornish, DBM
Joseph O. Robertson, DPSCS
Dinesh Gandhi, MDE
Calvin Gaudien, DGS
Eva Lamborn, DGS
Eric Lindquist, MDOT
Thomas Morley, USM
Sherelle Rolfstad, MDE
Michelle Miller, DGS
Elise Robertson, DGS
Derrick McGovern, Baltimore City DGS
Chloe Weissman, Friends of the Earth
Jesse Ruan, State Treasury (by phone)
Carla Thomas, DoIT (by phone)
Nicole Orlando, Sustainable Purchasing Network (by phone)

Minutes:

I. Welcome and Introductions
- Emily Scontrosanmicol welcomed the Committee members. All attendees introduced themselves.

II. Approval of Meeting Minutes
- The Committee approved the May 8, 2019 meeting minutes.

III. Review of Activities since May 8, 2019 Meeting
- Emily Scontrosanmicol reviewed the activities and accomplishments of the Green Purchasing meetings since the previous quarterly meeting.

A. Sustainable Procurement Training by Green Electronics Council – On May 16, the Green Electronics Council provided training to 19 people from 11 State agencies covering the broad basics of sustainable procurement. Some members of the GPC were among those in attendance. This Committee may wish to encourage future participation in similar trainings offered by the Green Electronics Council.

[November Meeting Minutes]

Maryland
DEPARTMENT OF GENERAL SERVICES

Special Presentations on Zero Emission Electric Vehicles (ZEVs)

Maryland Department of the Environment

Electric Vehicles and Infrastructure

Tim Shepherd

Electric Vehicle Types

- Hybrid:
  - Vehicles employ an internal combustion engine (ICE) with an electric motor and small batteries.
  - Vehicles can not drive on electricity only.
  - ICE recharges the batteries so these vehicles do not need to be plugged-in recharge.
  - Hybrids improve fuel efficiency by using smaller ICE tuned for efficiency. The electric motor adds power for accelerating and higher speeds.
  - Regenerative braking reduces wear on brake pads and helps recharge the batteries as well.

Electric Vehicle Types

- Plug-In Hybrid (PHEV)
  - Vehicles operate similar to regular hybrid electric vehicles, but batteries can be recharged by plugging into an external power supply.
  - Larger batteries allow vehicles to drive on electricity alone, without the ICE running, greatly reducing gasoline consumption.
  - These vehicles can drive in electric only mode and usually have a range of 18 to 35 miles in “EV” only range, depending on battery size.
  - Typical batteries are between 10 and 15 kWH.

Electric Vehicle Types

- Electric Vehicles (EVs, BEVs or ZEVs)
  - Vehicles have no ICE, just an electric motor
  - Large battery packs (Between 30 and 100 kWh)
  - Vehicle needs to plugged in using an EV charger
  - Vehicle's driving range varies by battery size: From 180 to 350 miles on a full charge.
  - Recharging times vary based on charging station power and vehicle's capabilities.

Electric Vehicle Charger Types - EVSE

- Level 1
- Level 2
- Level 3 (DC Fast Chargers)

Electric Vehicle Charger Types

- Level 1
  - Level 1 charging is the slowest and is done from a standard 120-volt outlet connected to the vehicle through a cord usually supplied with the vehicle.
  - Connects using an SAE J1772 connector
  - Provides approx. 4.5 miles of ranger per hour
  - Low Cost
  - Minimal installation

SAE J1772 -

Electric Vehicle Charger Types

- Level 2
  - Level 2 charging uses a 220-volt connection
  - Level 2 EVSEs use an SAE J1772 connector to supply electricity to the vehicle battery.
  - Charging speed varies from 3.0 kW to 19.2 kW
  - Provides 26 to 70 miles of range per hour
  - Dumb or Smart chargers
    - Dumb: No software to control access or allow payment. No tracking or monitoring of charging sessions. Chargers cost approx. $500, plus installation costs.
    - Smart: Charging unit comes with software that allows tracking and monitoring. Payment fees can be required through the software. Cost approx. $3,000, plus installation costs. Software requires service contracts that come with fees to use as well.

Electric Vehicle Charger Types

- Level 3 (DC Fast Charging)
  - Fastest charging option available (480V)
    - 24 kW to 350 kW
    - 100 to 500 miles of ranger per hour
  - Two charging types
    - SAE Combo
    - CHAdeMO
  - Cost approx. $35,000 to $70,000
    - Installation costs can double or triple the total cost.
  - Plug-in hybrids can not use
  - Major power draw and installation can be difficult and expensive
  - Not all vehicles can accept charge at highest speeds

Dual Connector DC Fast Charging Station

Charging Speeds

- In addition to chargers, vehicles play an important role in determining charging speed.
- Just because you charge at a 150 kW charger does not mean you car will charge at this speed.
- EVs differ in their ability to accept a DC charge
- Some cars accept up to 270 kW while other will accept 50 kW.
- This will really only be an issue when using Level 3 chargers, but is important to note
- Most cars can accept charge between 50 and 110 kW

Contact

Tim Shepherd

tim.shepherd@Maryland.gov

(410) 537-3236

Justin Mabrey

Justin.mabrey@Maryland.gov

(410) 537-4165

Maryland
DEPARTMENT OF GENERAL SERVICES

DBM Supporting Fleet Electrification

Joseph Consoli, DBM

Dept. of Budget & Management

Maryland
DEPARTMENT OF GENERAL SERVICES

The State's Official Fleet Manager

- Agency Lead on Fleet Procurements (DGS OSP solicits and awards)
- Allocates Agency Budgets for Fleet
- Since 2020: Determine placements of ZEVs in State Fleet

Dept. of Budget & Management

Maryland
DEPARTMENT OF GENERAL SERVICES

FY 2020 Budget, Section 42

- Required Agencies (with some agencies excluded) to purchase ZEVs and PHEVs for replacement vehicles
- Funds came from Regional Greenhouse Gas Initiative (RGGI) auction revenues in the Strategic Energy Investment Fund (SEIF)

Dept. of Budget & Management

Maryland
DEPARTMENT OF GENERAL SERVICES

FY 2020 EVs & PHEVs were added to State Fleet

- 5 Fully Electric vehicles (ZEVs)
- 69 Plug In Hybrid Electric Vehicles (PHEV)

Dept. of Budget & Management

Maryland
DEPARTMENT OF GENERAL SERVICES

FY 2021 - Similar numbers expected

- Requirement expanded to all Agencies
- DBM, DGS & MDE to finalize list of vehicles/sites by April
- DBM exploring how to stretch SEIF funds to cover more ZEVs (cover the cost differential)

FY 2022 - Included in Governor's Allowance

Dept. of Budget & Management

Maryland
DEPARTMENT OF GENERAL SERVICES

More EV work:

- Including all available Zero Emission Electric Vehicles (ZEV) and Plug-in Hybrid vehicles (PHEV) to the vehicle purchase list on a Statewide Contract - so agencies have more options

- Agencies requesting internal combustion engine vehicles (ICE) must provide a detailed justification

Maryland
DEPARTMENT OF GENERAL SERVICES

Statewide Electric Vehicle Infrastructure Strategy

Emily Soontornsaratool, DGS

DGS Supporting Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

DGS is leading a *state-wide coordinated approach* to installing ZEV charging infrastructure in order to support an increasingly electric fleet.

DGS Supporting Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

Data Collection & Analysis

Identifying Potential EVs & Sites

Planning

Standardization

Legal Agreements

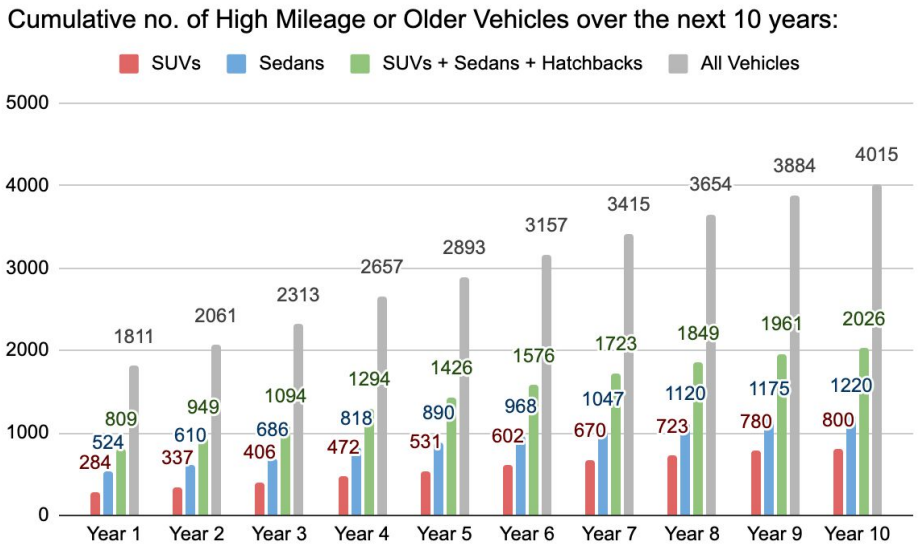
Installing EV Charging

DGS Supporting Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

Fleet Data Survey

- Detailed data on 4,000 State fleet vehicles collected from 40 agencies
- Allows us to see where potential electrification may happen



DGS Supporting Fleet Electrification

Tracking infrastructure:

- Existing
- Potential/Planned
- In Construction

DGS Supporting Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

Installing Charging Stations

Agency	Location	Street address	Status
DGS	100 Community Place	100 Community Place, Crownsville	Design
DGS	Essex-Rosedale District Court	8914 Kelso Dr., Baltimore	Construction
DGS	John R. Hargrove District Court	700 East Patapsco Ave., Baltimore	Design
DGS	Old Annapolis Post Office	9 Northwest St., Annapolis	Construction
DPSCS	Edward F. Borgerding District Court	5800 Wabash Ave., Baltimore	Design
DPSCS	Reisterstown Office	6776 Reisterstown Rd., Baltimore	Design
MDH	Eastern Shore Hospital	5262 Woods Rd., Cambridge	Completed

At least 7 EV charging sites (PM'ed by DGS) are set to open by end of FY 2021. More in the works!

DGS Supporting Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

MDH Eastern Shore Hospital Center

5262 Woods Road, Cambridge

2 level 2 dual charging stations

+ conduit for another

DGS Supporting Fleet Electrification

Coming Soon!

Electric Vehicle Infrastructure at
Maryland State Facilities

Statewide EV Infrastructure Strategy & Guidance to Agencies

Maryland

Office of Energy & Sustainability

Statewide EV Strategy Document

- Defines DGS Strategy to EV Infrastructure
- Provides Guidance to Agencies wishing to pursue EVs
- Standardizes Processes & Procedures

I. Introduction 4

II. Background 4
- Addressing Climate Change through Electric Vehicles 4
- Steps Taken to Electrify the State's Fleet 5
- Statewide Collaboration 5

III. State Fleet 6
- Baseline Inventory of State Fleet Vehicles 6
- Analysis: Potential of State Fleet to Electrify 8

IV. EV Charging Infrastructure 9
- Types of EV Charging Infrastructure 9
- Existing Infrastructure in Maryland 10
- Infrastructure at State facilities 11

V. Funding 12
- Funding for ZEVs in State Fleet 12
- Funding for Infrastructure 13

VI. EV Infrastructure Strategy 14
- Overview 14
- Phase I - Supporting EV incoming fleet in FY 2021 15
- Phase II - Employing a data-based, collaborative approach to ramp up EV infrastructure significantly in FY 2021 and FY 2022. 16

VII. Guidance for Installing EV Infrastructure at State facilities 17
- High Level Process Overview 17
- Determining the Appropriate Approach 18
- Cost Considerations by Approach 19
- EV Infrastructure Construction Process 20
  - Utility Installed infrastructure 20
  - State installed infrastructure 22
    - Scenario A: State installed infrastructure - DGS PM, Included in new construction or major renovation, DGS FCE Capital 22
    - Scenario B: State installed infrastructure - DGS PM, Small Procurement 24
    - Scenario C: State installed infrastructure - Goes entirely through Agency with no DGS involvement 24

VIII. Procurement Resources 25
- Charging Infrastructure on Statewide Contract 25
- EVs and PHEVs on Statewide Contract 25

IX. Additional Considerations 25

Maryland
DEPARTMENT OF GENERAL SERVICES

Preview of Contents

Plus:

- Boilerplate EVCS Spec
- Template Legal Agreements
- Sample EV Use & Parking Policy

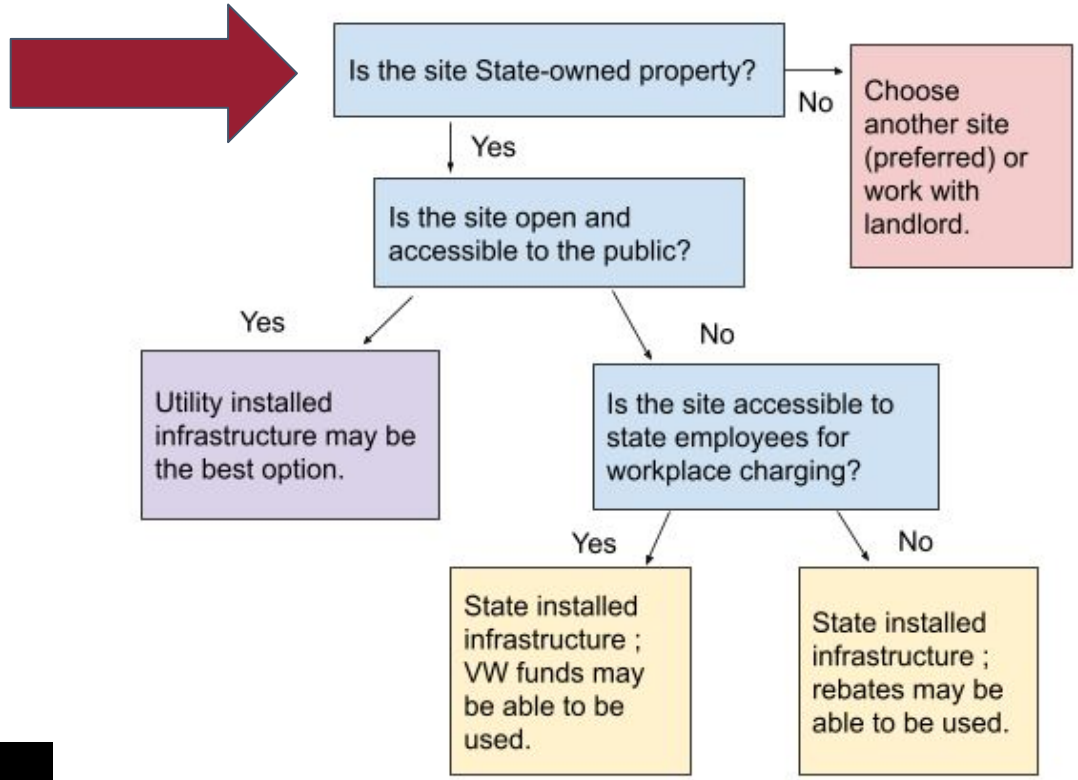
How Would An Agency Pursue EVCS?

Maryland
DEPARTMENT OF GENERAL SERVICES

There are two different approaches to take:

Utility Installed infrastructure	**State** Installed infrastructure
Through PSC pilot ● BGE - EV Smart ● Delmarva ● PEPCO ● Potomac Edison ***No installation costs; charged for using ($.18/kwh for level 2)***	1. DGS Capital 2. DGS Small Procurement 3. Agency Managed ***Upfront costs, then the cost of electricity to use; may be only option for certain sites (without public access); some funding options***

How Would An Agency Pursue EVCS?



Next Steps for Fleet Electrification

Maryland
DEPARTMENT OF GENERAL SERVICES

- DBM (with DGS & MDE input) to confirm next round of incoming EVs
- DGS to ramp up infrastructure to support those vehicles
- DGS will publish the Statewide EV Document by Spring
- Agencies - please loop DGS into your EV projects

Maryland
DEPARTMENT OF GENERAL SERVICES

We’re on a short break! We will reconvene at 11:10 a.m.

Maryland
DEPARTMENT OF GENERAL SERVICES

Recently Completed Work

Nov 2020 - Feb 2021

Agency Green Purchasing Reporting

Maryland
DEPARTMENT OF GENERAL SERVICES

- Information Session held Nov. 16th
  - 60 Reporting Designees in attendance
- Agencies are submitting data throughout year, using DGS provided template

Quarter	Spend Period	Vendor Data Due to Agency	Agency Data Due to DGS
Q1 and Q2	July 1 – December 31, 2020	January 31, 2021	February 12, 2021
Q3	January 1 – March 31, 2021	April 30, 2021	May 14, 2021
Q4	April 1 – June 30, 2021	July 31, 2021	August 13, 2021

New Website Content

Maryland
DEPARTMENT OF GENERAL SERVICES

5 New Pages:

[Building Systems and Related Equipment *(Specifications)*]

[Leadership and Recognition]

[For Procurement Officers]

[For Purchasers]

[For Agencies]

Maryland
MARYLAND
Department of General Services

Enter search term

ALL

HOME | PROCUREMENT | BUSINESS OPPORTUNITIES | REAL ESTATE | ENERGY | FUEL MANAGEMENT

General Info

- About DGS
- Meet the Secretary
- Executive Staff
- Employee of the Month
- Caught DGS
- Annual Reports
- Employment
- Capital Grants

For State Agencies

- Green Purchasing
- Green Building
- Green Operations
- Inventory Forms
- Records Management
- DGS State Facilities
- Design and Construction

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.

"Climate change can hurt public health and cripple our economy...so when we face a threat to people's livelihoods and way of life, showing leadership means acknowledging the risks and addressing them."

-Larry Hogan, Governor of Maryland and Ralph Northam, Governor of Virginia

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.

BuyGreen
Maryland Green Purchasing Committee

About

- History and Mission
- Legislation
- Committee Members
- Subcommittees
- Annual Reports
- Leadership and Recognition

Resources

- Specifications
- Best Practices Manual
- For Procurement Officers
- For Purchasers
- Agency Reporting

Events and Meetings

Contact

New Tools Published

Maryland
DEPARTMENT OF GENERAL SERVICES

Building Systems	**For Procurement Officers**	**For Purchasers**	**Agency Reporting**
HVAC Spec	Step-by-Step Guide to Green Purchasing	Approved Environmental Standards and Certifications	Guidance on Agency Reporting
Plumbing Spec	“General” Spec		Agency Green Reporting Template

New Guidance Document: Saving Money by Buying Green

Agency One on One Sessions

Maryland
DEPARTMENT OF GENERAL SERVICES

Complete	Remaining
MDOT	DBM
MDH	DNR
MDE	DPSCS
Towson University	Treasurer's Office
UMD Global Campus	*DOIT*
UMD Baltimore	
Maryland Education Enterprise Consortium (MEEC)	
Salisbury University	

Agency One on One Sessions

Maryland
DEPARTMENT OF GENERAL SERVICES

Major Themes:

1. **Awareness** about the GPC needs to increase
2. Agencies lacking **top-down support** or buy in from leadership
3. Agencies interested in green purchasing **integration**, but may not know where and how to start
    a. Gap between Sustainability and Procurement
4. Greening **credit-card purchases** would be a high-impact action

Agency One on One Sessions

Maryland
DEPARTMENT OF GENERAL SERVICES

Next Steps:

1. GPC Newsletter (Raise Awareness)
2. Improve messaging to leadership
3. Update Best Practices Manual
   a. Including guidance on how to integrate green purchasing into procurements (e.g. green purchasing language in procurement manual, etc.)
4. Work with Comptroller on P-Card Guidance

Maryland
DEPARTMENT OF GENERAL SERVICES

Office of State Procurement Update

Food Service Ware

Maryland
DEPARTMENT OF GENERAL SERVICES

- BPM020339 - Disposable & Compostable Food Service Ware IFB
- Posted on eMMA January 19, Due date for bids February 19
- Pre bid conference held on Jan. 27 with 5 vendors in attendance
- Total of 98 different products requested, 20 of which new additions requiring green certifications
- Samples of 5 products have been requested for testing; MDH to participate - anyone else?

Janitorial Services

- 300 W. Preston St. - Approval going before BPW on 2/24 for Alliance, Inc.
- To begin April 1, 2021 through March 31, 2024 with 2 add'l 1 year options
- Supplies to be purchased through BISM; Kshira working on product specs with BISM

Vehicles

- Awards in process

- EVs added to the Fleet are
  - Compact Sedan - Nissan Leaf F+ FWD
  - Compact Utility Vehicle - Mustang Mach-E 4dr 4x2 Select

Legislative Updates

Legislative Updates

- A very busy session!
- 20 bills added to GPC Legislative Tracker

Green Purchasing Committee - 2021 Session					
Bill Detail					
Bill #		Title	Sponsor	Committee	Status
HB 36		Environment–Packaging, Containers & Paper Products–Producer Responsibility	Lierman	E&T/ECM	
HB 317		Maryland GPC-Food & Beverage Procurement-Greenhouse Gas Emissions	Gilchrist	HGO	Hearing 1/21, 1:30p
HB 164	SB 216	Dept of the Environment, Office of Recycling, Recycling Market Deelopment	Stein, Lierman Kaga, West	E&T EHEA	Hearing 1/20, 1:30p
HB 264	SB 483	Solid Waste Management-Organics Recycling & Waste Diversion-Food Residuals	Charkoudian	E&T	Hearing 1/27, 1:30p, Hearing 2/10 1p EHEA
HB 592		State Vehicle Fleet-Conversion to ZEV	Fraser-Hidalgo	E&T	Hearing 2/11, 1:30p
SB 414	HB 583	Climate Solutions Now Act of 2021	Pinsky Stein	EHEA/B&T E&T/ECM	Hearing 1/28, 11a EHEA
HB 472		Agriculture-Use of Glyphosate - Prohibition	P Young	E&T	Hearing 2/3, 1:30p
HB 512	SB 528	Coast Smart Siting & Design Criteria	Lehman Elfreth	E&T EHEA	Hearing 2/3, 1:30p Hearing 2/10, 1p EHEA
HB 520		St Bldgs-Geothermal Energy Systems-Requirements	Barve	APP	Hearing 2/3, 1:30p
SB 195	HB 22	Environment-PFAS Chemicals-Prohibitions & Requirements	Elfreth/Beidle Love	EHEA HGO	Hearing 1/28, 11a EHEA Hearing 2/2, 3:45p HGO
HB 220	SB 53	Clean Energy Attribute Credits & Procurement	Adams Hershey	ECM FIN	Hearing 1/26, 1p FIN
HB 69		Environment-Single-Use Plastics-Restrictions	Love	ECM/E&T	Hearing 2/17, 1:30p
HB44		Clean Cars Act of 2021	Fraser-Hidalgo	E&T	Hearing 1/28, 1:30p
HB 419	SB 460	Economic Development-Advanced Clean Energy & Clean Energy Innovation Investments & Initiatives	Qi	ECM	Hearing 2/4 ECM 1:30, Hearing 2/16 1p FIN
SB 330	HB 469	State-Funded Construction& Major Renovation Projects-Solar Panels-Requirement	West Forbes	EHEA HGO	Hearing 1/21, 11a Hearing 2/17 1:30p HGO
SB 315		Vehicle Laws-Plug-In Electric Drive Vehicles-Reserved Parking Spaces	Young	JPR	Hearing 1/27, 11a
HB 236		DGS-Energy-Conserving Standards (MD Sustainable Buildings Act of 2021)	Hill	HGO/APP	Hearing 1/21, 1:30p
SB 76	HB 33	Climate Crisis & Education Act	Kramer Fraser-Hidalgo	B&T/EHEA ECM/E&T	Hearing 2/2, 1pm B&T
SB 137	HB 334	MTA-Conversion to Zero-Emission Buses	Zucker Korman	EHEA/B&T E&T/APP	Hearing 1/28, 11a EHEA, Hearing 2/12 1:30p E&T
HB 92		Procurement-Invasive & Nonnative Plant Species-Prohibition on Use of State Funds	Luedtke	HGO	Hearing 1/28, 1:30p

Legislative Updates

HB 317	Maryland GPC-Food & Beverage Procurement-Greenhouse Gas Emissions	Delegate Gilchrist

- **Requiring the Maryland Green Purchasing Committee** in consultation with the Departments of the Environment, Agriculture, General Services, and other stakeholders, to
  - Develop, by January 1, 2022, a certain **methodology** for State agencies to estimate greenhouse gas emissions of food and beverages procured,
  - Establish a certain **baseline** measurement by January 1, 2023, and
  - Develop certain **strategies and policy recommendations**
- Establishing a goal to **reduce certain greenhouse gas emissions** by State units **by 25% by fiscal year 2031**; etc.

Legislative Updates

HB 164 / SB 216	Dept of the Environment, Office of Recycling, Recycling Market Development	Stein, Lierman Kagan, West

- Requiring the Office of Recycling in the Department of the Environment to promote the development of markets for recycled materials and products in the State; requiring the Office to evaluate the availability of certain markets and identify businesses in the State that use recycled materials; requiring the annual Maryland solid waste management and diversion report to be submitted to the General Assembly by September 1, 2022, and each year thereafter, and include certain activities; etc.

Legislative Updates

Maryland
DEPARTMENT OF GENERAL SERVICES

Prohibitions

SB 195 / HB 22	Environment-PFAS Chemicals-Prohibitions & Requirements ● Firefighting foam, carpeting, food packaging	Elfreth/Beidle, Love
HB 92	Procurement-Invasive & Nonnative Plant Species-Prohibition on Use of State Funds	Luedtke
HB 472	Agriculture-Use of Glyphosate - Prohibition ● (Glyphosate is an herbicide)	P Young

Legislative Updates

Maryland
DEPARTMENT OF GENERAL SERVICES

Restrictions

HB 69	Environment-Single-Use Plastics-Restrictions	Love

Legislative Updates

Maryland
DEPARTMENT OF GENERAL SERVICES

Electric Vehicles

HB 592	State Vehicle Fleet-Conversion to ZEV ● Prohibits purchase of non-ZEVs	Fraser-Hidalgo
SB 414 / HB 583	Climate Solutions Now Act of 2021 ● Reduce GHG emissions 60% by 2030; achieve net-zero GHG emissions by 2045 ● FY22 - 50% light duty must be ZEV ; 2025 - 100% light duty must be ZEVs	Pinsky / Stein

Specifications

Specification: Janitorial Services

Maryland
DEPARTMENT OF GENERAL SERVICES

Key Points:

1. Updated Spec was drafted late summer
2. GPC recommended in August meeting to get feedback from Maryland Works; Feedback has been received and integrated.

SME Review Team: DGS Facilities, Operations & Maintenance Division, DGS Attorney General's Office, Maryland Works

Specifications - In Progress

Maryland
DEPARTMENT OF GENERAL SERVICES

1. Janitorial Supplies
2. Landscaping Supplies and Services
3. Pest Management Services

Specifications have been drafted, but waiting on additional reviewers and input integration.

Specifications Updates

Maryland
DEPARTMENT OF GENERAL SERVICES

Vote to approve:

- Janitorial Services

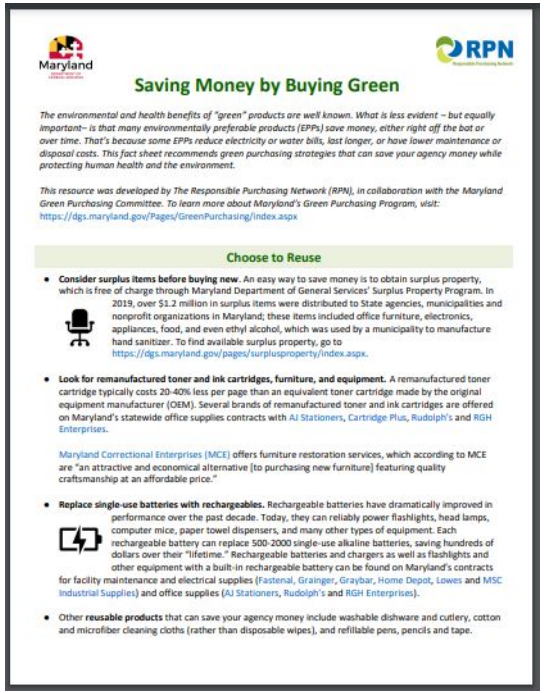
Statutory Members:

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

Upcoming Activities

“Saving Money by Buying Green”

Maryland
DEPARTMENT OF GENERAL SERVICES



Maryland

RPN

Saving Money by Buying Green

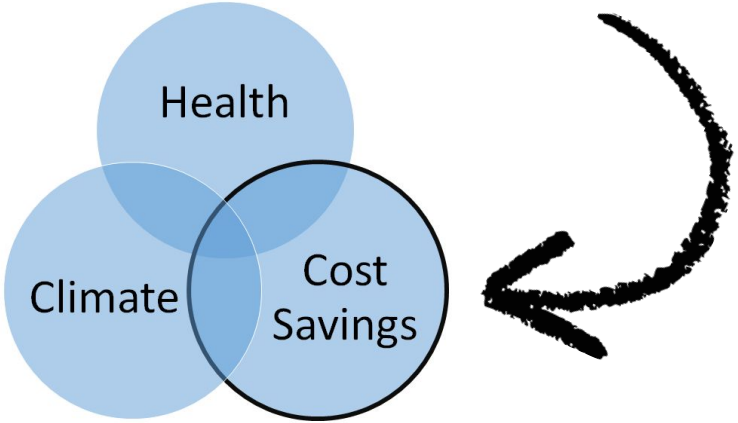
The environmental and health benefits of "green" products are well known. What is less evident – but equally important– is that many environmentally preferable products (EPPs) save money, either right off the bat or over time. That's because some EPPs reduce electricity or water bills, last longer, or have lower maintenance or disposal costs. This fact sheet recommends green purchasing strategies that can save your agency money while protecting human health and the environment.

This resource was developed by The Responsible Purchasing Network (RPN), in collaboration with the Maryland Green Purchasing Committee. To learn more about Maryland's Green Purchasing Program, visit: https://dgs.maryland.gov/Pages/GreenPurchasing/index.aspx

Choose to Reuse

- **Consider surplus items before buying new.** An easy way to save money is to obtain surplus property, which is free of charge through Maryland Department of General Services' Surplus Property Program. In 2019, over $1.2 million in surplus items were distributed to State agencies, municipalities and nonprofit organizations in Maryland; these items included office furniture, electronics, appliances, food, and even ethyl alcohol, which was used by a municipality to manufacture hand sanitizer. To find available surplus property, go to https://dgs.maryland.gov/pages/surplusproperty/index.aspx.
- **Look for remanufactured toner and ink cartridges, furniture, and equipment.** A remanufactured toner cartridge typically costs 20-40% less per page than an equivalent toner cartridge made by the original equipment manufacturer (OEM). Several brands of remanufactured toner and ink cartridges are offered on Maryland's statewide office supplies contracts with AJ Stationers, Cartridge Plus, Rudolph's and RGH Enterprises.

  Maryland Correctional Enterprises (MCE) offers furniture restoration services, which according to MCE are "an attractive and economical alternative [to purchasing new furniture] featuring quality craftsmanship at an affordable price."
- **Replace single-use batteries with rechargeables.** Rechargeable batteries have dramatically improved in performance over the past decade. Today, they can reliably power flashlights, head lamps, computer mice, paper towel dispensers, and many other types of equipment. Each rechargeable battery can replace 500-2000 single-use alkaline batteries, saving hundreds of dollars over their "lifetime." Rechargeable batteries and chargers as well as flashlights and other equipment with a built-in rechargeable battery can be found on Maryland's contracts for facility maintenance and electrical supplies (Fastenal, Grainger, Graybar, Home Depot, Lowes and MSC Industrial Supplies) and office supplies (AJ Stationers, Rudolph's and RGH Enterprises).
- Other **reusable products** that can save your agency money include washable dishware and cutlery, cotton and microfiber cleaning cloths (rather than disposable wipes), and refillable pens, pencils and tape.



Fact sheet developed with
The Responsible Purchasing Network

RPN
Responsible Purchasing Network

“Saving Money by Buying Green”

Join us for a webinar on February 24th

Sign up: https://lnkd.in/ewaMNhR

Procurement Academy

"Procurement Considerations" module includes Green Purchasing and GOSBA presentations

2021 Schedule of Classes:

- *Tuesday, February 9*
- Tuesday, April 13
- Tuesday, June 15
- Tuesday, August 17
- Thursday, October 21

Member Announcements

Maryland
DEPARTMENT OF GENERAL SERVICES

Open Discussion & New Business

Next Quarterly Meeting

Maryland
DEPARTMENT OF GENERAL SERVICES

May 13, 2021

10:00 a.m.

VIRTUAL MEETING