



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

D.C. Air National Guard (113th Wing)

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Military

Member since August 2015

Management and Leadership

Environmental Policy Statement

The DC ANG Wing Commander's Environmental Vision is the following:

Mission first, people always, have fun. The 113th Wing is committed to conduct its mission in an environmentally responsible manner in order to protect and conserve human health, natural resources, and the environment while accomplishing the following:

Gain an understanding of how each airman's job impacts the environment.

Use environmental planning processes to identify and reduce Wing impact on the environment.

Actively make efficient use of available resources to maximize environmental program success.

Recycle and conserve natural/cultural resources across the Wing wherever mission and operation permit.

Decrease energy and water consumption, air emissions, solid and hazardous waste generation.

Integrate environmental management, sustainable design, and pollution prevention principles into all aspects of our mission operations.

***Aim** high to provide sound stewardship of environmental resources*

***Note** ways to improve environmental performance through continuous evaluation of processes and procedures.*

***Support** the Joint Base Andrews mission by complying with applicable laws and regulations.*

Understanding this vision and compliance with all federal, state, and local regulatory requirements is the responsibility of all 113th Wing personnel, and is vital to the DC Air National Guard's continued environmental excellence and mission sustainment. To assist in communicating the Wing's environmental vision, this memorandum or attached poster should be posted on organizational bulletin boards.



Environmentally Preferable Purchasing

There are four components to the DC Air National Guard Green Procurement Program (GPP) for the Government Purchase Card:

- *Recycled content products*
- *Energy Star designated energy efficient products, low standby power devices*
- *Environmentally preferable products and services*
- *Non-ozone depleting substances*

All can be purchased with the Government Purchase Card. The purchase of these products is required by law or executive order unless the products do not meet your performance needs, are not reasonably available, or are only available at an unreasonable price. All of these products are commercially available off-the-shelf items and are available through GSA Advantage, mandatory sources such as the National Industries for the Blind (Ability One), and commercial open market sources.

1. Buying recycled content products

The Resource Conservation and Recovery Act requires the purchase of recycled content products designated by the Environmental Protection Agency (EPA). These products are also known as Comprehensive Procurement Guideline or CPG items; the CPG is EPA's list of designated products. The EPA maintains a list of designated recycled-content products and recommends recycled-content levels that you should use when buying these products. Examples of recycled content products typically purchased with GPC are recycled content copier paper and other office paper products, notebook binders, and remanufactured toner cartridges. Refer to <http://www.epa.gov/cpq> for the list of products, EPA's recommendations, and additional information.

2. Buying energy efficient products

The Energy Policy Act of 2005 requires agencies purchasing energy consuming equipment to purchase Energy Star products or energy-efficient products designated by the Department of Energy's Federal Energy Management Program (FEMP). "Energy efficient" includes products in the top 25th percentile of efficiency and standby power devices. Energy efficient products typically purchased with a purchase card include desktop computers, laptops, and small appliances. Presidential Executive Order 13221, "Energy-Efficient Standby Power Devices" requires you to buy products that use minimal standby power. Additionally, agencies participating in the Federal Electronics Challenge have committed to purchasing equipment registered to the Electronic Products Environmental Assessment Tool (EPEAT) standards. Both the Energy Star program and FEMP have websites identifying energy efficient products and guidance for purchasing these products. FEMP also has established a Standby Power Device Product Listing with information on such products as computers, fax machines and printers. Refer to <http://www.energystar.gov> and <http://www.eere.energy.gov/femp/procurement/> for efficiency recommendations, cost-effectiveness examples, buyer tips, product sources, and for additional information and to <http://www.federalelectronicschallenge.net/resources/aquisit.htm> for additional information about EPEAT-registered products

3. Buying environmentally preferable products

Presidential Executive Order 13101, "Greening the Government through Waste Prevention, Recycling, and Federal Acquisition" emphasizes the significance of purchasing environmentally preferable (EPP) products. These products can be viable alternatives to products that contain hazardous materials or toxic chemicals, such as green cleaning products or mercury-free thermometers. They also can have multiple attributes, such as a printer that is energy efficient, prints two-sided, and uses recycled content copier paper and remanufactured toner cartridges. To date, agencies have conducted more than 30 EPP projects that range from renovation of the Pentagon parking lot and building construction to acquisition of janitorial products or services. Agencies are encouraged to purchase green cleaning products. Refer to <http://www.epa.gov/epp/index.htm> for summaries of the pilot projects, standards information, product sources, and additional information. Refer to <http://www.qsa.gov/portal/content/198257> for more information about green cleaning products and other environmentally preferable products and services.

4. Buying non-ozone depleting substances

Although we have been very successful in reducing releases of ozone-depleting substances (ODSs), the ozone hole over the Antarctic is still huge. EPA identifies alternatives to ODSs through its Significant New Alternatives Policy (SNAP) program and provides recommendations for specific products, such as

refrigerants and fire extinguishers. Refer to <http://www.epa.gov/ozone/snap/lists/index.html> for the list of products and alternatives.

Independently-Audited Environmental Management System

Annually we conduct an internal EMS Audit which is based off of ISO 14001. With the annual results, modifications can be made to the EMS to ensure that it is running efficiently year to year.

Waste

Recycling

Recycling is a day-to-day operation we ensure our personnel are completing. We have large blue trailers used for cardboard. By using these trailers we have managed to keep 2000 lbs. of cardboard out of a landfill so far this year. In each facility, there are blue bins which personnel place glass bottles, paper and plastics separately. Once filled, the recyclables are taken to the recycle center located on base.

Energy

Energy Efficiency

The U.S. Air Force has made energy conservation a priority in the last couple years. So energy conservation has been a high priority for the D.C. Air National Guard, which reflects positively for the state of Maryland.

Earlier this year, an energy survey was completed by personnel within the D.C. Air National Guard. Utilizing an energy conservation survey helped to establish a baseline to better understand members' views on energy management within the organization. Barriers were identified to allow for adjustment towards a decrease in consumption for all facilities.

Based off of the survey it was decided that monthly energy conservation reports would continue to be sent out to all personnel instead of just senior leadership to ensure everyone is aware of the consumption trends occurring in facilities. This is done by emailing out a power point which is updated monthly with electrical and natural gas consumption per building. Also energy awareness posters were displayed around facilities so personnel could have a daily reminder for energy conservation. Energy conservation posters were created by personnel within the organization. Quarterly energy conservation audits are conducted to

keep personnel accountable of energy usage. Articles are placed into the Potomac Air Monthly to give tips on saving energy.

In July 2015, an energy memorandum was sign by the Commander of the D.C. Air National Guard which supports the movement for energy conservation. The memorandum shows members that senior leadership supports the efforts for reducing energy consumption. Now the organization is focus on consolidating equipment such as printers and shredders. Also there is stress being placed on replacing appliances with energy star appliances to reduce consumption.

Energy projects play a crucial role in reducing consumption. We are replacing all of our older power surges with smart power strips. The smart strips turn off certain outlets on the strip when the control outlet on the unit turns off. We conducted a pilot test for the smart strip in one of our facilities and so far it saves an average of nearly 10% of electricity per month. Our top two energy consuming facilities are currently being worked on. Our Wing Headquarters is being renovated. The project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. Our main hangar uses a lot of energy as well and was just modified. An energy project brought in new a LED lighting system and destratification fans. The LED lighting uses less electricity and looks more aesthetically pleasing. The destratification fans bring warm air down to the floor in the winter and give the hangar a breeze during the summer.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

