



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.

Montgomery College



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Higher Education
Member since April 2014

Management and Leadership

Environmental Policy Statement

As good stewards, it is Montgomery College's goal to furnish and maintain sustainable facilities, which are safe, reliable, life cycle cost effective, environmentally friendly, resilient and conform to Owner's Project Requirements (OPR). These facilities exist to provide a quality-built environment which enhances the learning experience and contributes to student success. To achieve this goal, Montgomery College embraces a total quality process which relies on the vision, talents, and collaboration of all individuals involved or affected by this project.

The annual Resource Conservation Plan (RCP): FY22 can be found here: <https://www.montgomerycollege.edu/documents/offices/facilities/energy-management/rcp.pdf> The RCP FY23 will be available at the end of Feb 2022.

Environmental Team

Montgomery College has had a resource conservation program since the early 1980s and has published a Resource Conservation Plan annually.

Resource conservation has been integrated into the fabric of the institution and the program is one of continuous improvement. The MC Green Team was formed several years ago and consists of faculty, staff and student members. The College also participates in the development of Montgomery County Climate Action Plan.

Annual Environmental Goals

The College reports on Resource Conservation Program progress in the annual Resource Conservation Plan. Since resource conservation has been a longstanding practice and the program has been integrated into the fabric of the institution and best practices have become standard. Current practices are to make all new and renovated buildings, LEED Gold Certified, follow IgCC 2018 construction codes, and purchase 100% of the College's electricity from Renewable Wind Energy. The College energy benchmark all its buildings since 2016 and now is adding a sub-metering network to make the benchmarking effort more accurate and reliable. MC Green Team continues to work toward occupant outreach and behavioral changes.

Environmentally Preferable Purchasing

Montgomery College has partnered with other Montgomery County Agencies to purchase environmentally friendly products. Environmentally friendly cleaning practices have been instituted and integrated pest management practices are implemented. The College has been a leader in inventorying and reducing environmentally harmful and toxic substances. Our Information Technology department purchases high efficiency equipment and recycles all its computer equipment.

Montgomery College Takoma Park/Silver Spring campus became the first community college in the country to be awarded the Green Seal Certification (GS-42) for cleaning services in August of 2015. To earn this certification, an in-depth review of the cleaning service's processes, procedures, and purchasing records is involved. An onsite audit of facilities cleaned by the service is required as well.

All new buildings are built to LEED Gold Certification or IgCC 2018 construction code and as such contain environmentally preferable products.

Environmental Restoration or Community Environmental Projects

The College maintains three campus and studies and mitigates storm water management areas and maintains forests in accordance with forest conservation and tree stand delineation studies.

Waste

Solid Waste Reduction and Reuse

The College has been a leader in solid waste reduction, reuse and recycling. See the link to the resource conservation plan for a detailed analysis. The College either re-uses goods and materials or sends them to the Maryland State System where they are re-used or sold. The College's print management committee has implemented a pay for print program, reducing the quantity, and cost of print and mailing of material. Other efforts such as digital distribution of materials have reduced paper, distribution cost, and postage. Waste stream reduction is also part of the College's occupant awareness and outreach programs with availability of recycle bins throughout each campus.

Recycling

The Operation and Management within the Office of Facilities manages the recycling program across each campus. The College has received numerous Smart Organizations Reduce and Recycle Tons (SORRT) awards from the Montgomery County Government for exceeding the 50% recycling goal.

Hazardous Waste/Toxic Use Reduction

The College has been a leader in hazardous waste elimination or reduction. We employ certified individuals who are responsible for inventory, monitoring and properly disposing of waste. The College employs best practices for switching to less toxic products when available. For example, volatile organic compounds used to clean automotive parts, printing equipment, or art equipment have been eliminated and replaced with natural citrus cleaners. See [Resource Conservation Plan](#)

Energy

Energy Efficiency

The College has maintained a Utility Management program and tracked and benchmarked utility consumption since the late 1970s. Improvement of energy efficiency and cost reduction have been integrated into the retrofits, renovation and construction of new and existing buildings. Opportunities such as improvements to lighting, high efficiency central heating and cooling plants, high efficiency HVAC systems and building automation system are all routinely integrated in the facilities management process. Furthermore, the College participates in the PJM Emergency Load Response Program. This program

maintains a reliable grid during extreme weather events when the electric supply would otherwise not be sufficient to meet demand. Since the college has ice-thermal storage equipment, a robust building automation system, and great professionals, we can curtail our electricity demand when needed to ensure a reliable grid in our area.

Renewable Energy

Renewable energy systems have been installed in College buildings since the late 1970s. 200% of our electricity comes to us in the form of Renewable Energy Certificates, 100% for electricity and 100% to offset emissions from Natural gas and transportation. Approximately 290,276 kWh are generated annually through renewable sources on our campus, leading to utility cost avoidance of almost \$38,000 annually.

Transportation

Employee Commute

The college employs a transportation and parking manager who manages the fee for parking program for faculty, students and staff. Parking program fees go to subsidizing free Ride-on Bus passes for students. Metro and Ride-on bus stops are furnished and maintained by the College and a pre-tax transportation fund is available to employees. An inter-campus shuttle bus program is currently being implemented. The College is also pushing to install EV charging stations across all its campus to encourage the adoption of EV vehicles in the campus community.

Efficient Business Travel

All College conference rooms are equipped with teleconferencing capabilities. There is a telecommute policy and alternative work schedules. During the beginning of the Covid-19 pandemic, the College switched to remote work operation and continued serving the College community.

Fleet Vehicles

The College maintains a small fleet of vehicles. The efficiency of the vehicle fleet is improved as new equipment is purchased. Some local campus vehicles are now electric.

Water

Water Conservation

The College has historically implemented a water reduction program by installing high efficiency fixtures, eliminating unnecessary watering, use of native species and storm water capture and re-use in newer facilities.

Stormwater Management and Site Design

The College performs storm water management studies, maintains storm water management facilities, bio retention areas and vegetative roofs.

Green Building

LEED and IgCC

The College has historically built energy efficient sustainable buildings. In 1985 it was legislatively mandated to do energy conservation in new and renovate buildings and demonstrate compliance through energy analysis and life cycle costing. The program evolved to include environmental effects of storm water management, indoor air quality and other environmental programs. Currently the College exceeds the legislated mandated LEED Silver requirement by obtaining LEED Gold certification under both the New Construction and Existing Building Rating Systems. Currently, the college follows the IgCC 2018 code as it was recently adopted by the Montgomery County Government.

Profile Updated January 2022



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

Learn more at green.maryland.gov

