



MARYLAND COMMUNITY COLLEGE FACILITIES PLANNERS COUNCIL MEETING AGENDA

[MARYLAND FACILITIES PLANNERS COUNCIL WEBSITE](#)

- Date:** October 11, 2024
- Host:** Allegany College of Maryland
- Location:** 12401 Willowbrook Road, SE
Cumberland, Maryland 21502-2596
- Parking Info.:** For those attending the meeting in Room 118 of the Tech Building, parking is available in Parking Lot 20, located behind the Tech Building (refer to the campus map for directions). This lot is the most convenient for proximity to the meeting location.
- Other parking options include Lots 1, 1a, and 8, but please note that these lots tend to fill up quickly due to student use and are located farther from the Tech Building. It is recommended to arrive early if you plan to park in one of these areas..
- RSVP:** Accept/Decline Calendar Appointment
- Zoom Room:** https://teams.microsoft.com/l/meetup-join/19%3aQSI6G5tHaqt5pQ_MKttVAImivWwBjdfvQN2X-QHcsok1%40thread.tacv2/1727976243095?context=%7b%22Tid%22%3a%224d401e0b-6552-4e08-bd38-a8d15ca0ddd9%22%2c%22Oid%22%3a%226d1feae7-1e13-4b8a-83ae-277125545d3d%22%7d
- I. [Join the meeting now](#)
 - II. Meeting ID: 228 329 321 206
 - III. Passcode: xvENZd

AGENDA:

- ❖ 9:00 a.m. – Breakfast

Breakfast and lunch will be provided. Below are the proposed items for each meal. If you have any food allergies, please inform us, and we will do our best to accommodate them.

Breakfast

- **BYO Yogurt Parfait**
Toppings: Berries, Craisins, Granola, Jelly
- **Bagels with Cream Cheese**
- **Assorted Pastries**
- **Beverages:** Coffee, Hot Tea, Spa Water

Includes plates, cups, napkins, cutlery

Lunch

- **Turkey & Provolone Sandwich**
With Garlic Herb Aioli on Baguette
- **Veggies & Hummus Sandwich**
On Toasted Ciabatta
- **Tuscan Chicken Tortellini Soup**
- **Assorted Cookies**
- **Beverages:** Iced Tea, Apple Spritzer, Spa Water

Includes plates, bowls, cups, napkins, cutlery

❖ 9:30 a.m. – Call To Order / Introductions

❖ 9:30 a.m. – Offices Reports

- Chair – Chris Painter
- Vice Chair – Greg Grey
- Secretary – Dong-Min Kim
- Communications Coordinator – Travis Hopkins
- Best Practice – Jim Taylor
- Best Practice – John Anzinger

❖ 10:00 a.m. – Agency Reports

- DBM – Fiona Shirk, Conrad Helms
- DGS – Craig Curtis
- MHEC – Dan Schuster
- MACC – Monica Randall

❖ 10:30 a.m. – FPC FY25 Goals

- Goal 1: Identify and share best practices for facility planners by exchanging individual college practices, as well as presentations from industry and state agencies.
- Goal 2: Continue publishing CIP State Projects on both the MACC and FPC websites.
- Goal 3: Monitor MACC to keep the FPC better informed, as the two-week notice for vaping regulations was insufficient.
- Goal 4: Restructure meetings and broaden our member base to enhance knowledge sharing by annually reviewing the Facilities Manual, examining the website during

meetings, integrating these elements into the meeting structure, and sharing standards and lessons learned from other projects. We will tie these ideas into the agenda and use the meeting location as a physical link by inviting others from the hosting campus for special topics.

- ❖ 10:45 a.m. - Break
- ❖ 11:00 a.m. –Presentation: FPC Website Overview and Publishing CIP Projects
- ❖ 12:00 p.m. - Lunch
- ❖ 1:00 p.m. – Presentation: Green energy projects by Optimize Renewables

Brief Overview Of The Key Facts To Be Presented To The Mac Presidents As An Opportunity For Their Colleges To Consider:

- **Grant Funding.** The Maryland Energy Administration (MEA) recently increased funding for its 4th year of its **Resilient Maryland Program** and is actively seeking to fund higher education projects. The program provides grant funding for **project assessment/plan creation, early project construction capital and higher education training and master planning** to catalyze clean energy workforce training. A total of \$2.8 million for these three staged uses is available to individual Colleges. The 2025 funding opens next week.
- **Getting Ahead of Costly Mandates.** The Climate Solutions Now Act contains unfunded clean energy mandates that the aforementioned grants can partially fund in advance of unexpected costs being incurred out of college funds. The first requirement is in January 2025.
- **An Option to Get it Done at No Cost.** ACM has partnered with a Maryland company, Optimize Renewables, consisting of grant writing, technical, financial and training acumen with three decades experience now working on 13 such projects across the State focused on Higher Education and essential public sectors. For ACM it added no additional cost or time and all expertise and public/private funding was led by Optimize. We plan to break ground end Q4 2024 or Q1 2025 on our project. Contact person is Len Jornlin, CEO, ljornlin@optimizerenewables.com, mobile 302-293-1082.

- ❖ 1:30 p.m. – Old Business
 - TBD
- ❖ 1:45 p.m. – New Business
 - TBD
- ❖ 2:00 p.m. – Tour of the Nursing Simulation Center in the Tech Building
- ❖ 3:00 p.m. - Adjourn

IV. Upcoming Meetings:

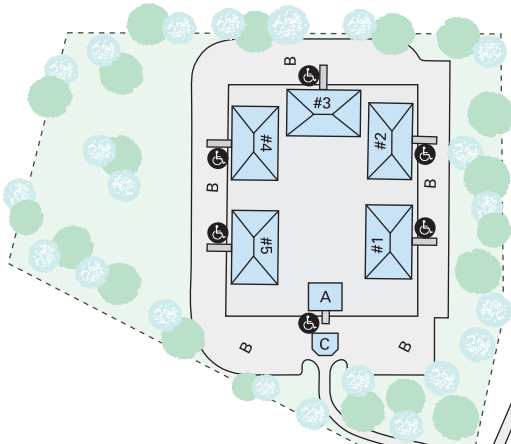
- November 8, 2024 – Frederick Community College
- December 13, 2024 – Anne Arundel
- January 10, 2025 – Chesapeake College
- February 14, 2025 – Howard Community College

- April 11, 2025 – Hagerstown Community College
- May 9, 2025 – Harford Community College
- June 5-6, 2025 – Wor-Wic Community College

CUMBERLAND CAMPUS MAP



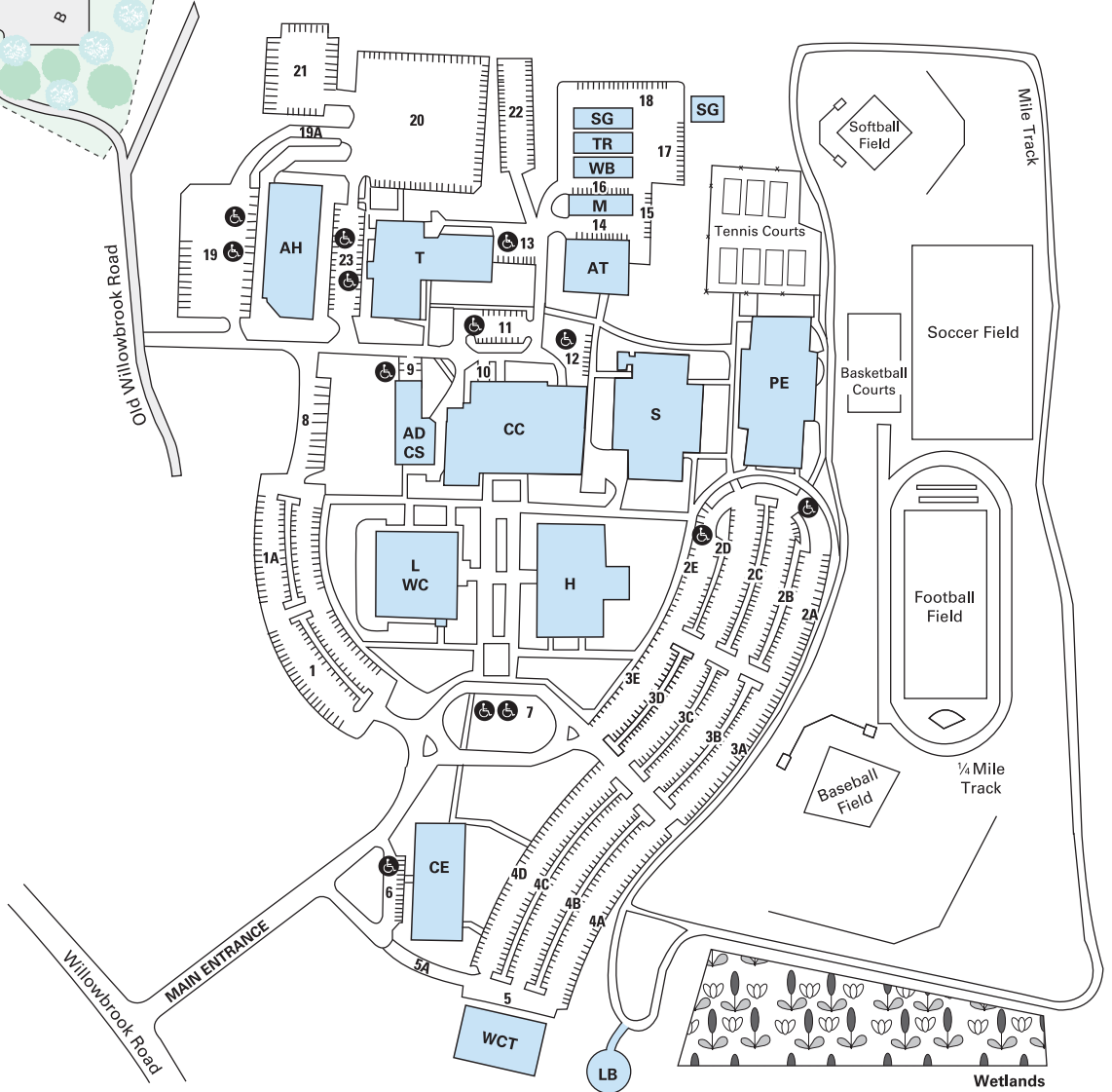
**ALLEGANY
COLLEGE**
of
MARYLAND



WILLOWBROOK WOODS Student Housing Complex

STUDENT HOUSING LEGEND

- 1 • Student Housing Building
- 2 • Student Housing Building
- 3 • Student Housing Building
- 4 • Student Housing Building
- 5 • Student Housing Building
- A • Club House
- B • Parking
- C • Gatehouse
- ♿ • Handicap Parking



• THIS MAP NOT TO SCALE

LEGEND

AD Advancement <i>(Foundation, Public Relations, Marketing)</i>	CS Campus Store (Bookstore)	S Science	WCT Western Region Correctional Training Center
AH Allied Health	H Humanities	SG Storage	1-23 Parking
AT Automotive Technology	L Learning Commons	T Technology	♿ Handicap Parking
CC College Center	LB Labyrinth	TR Transportation	
CE Continuing Education and Workforce Development	M Maintenance	WB Workforce Building	
	PE Physical Education / Gymnasium <i>(Bob Kirk Arena)</i>	WC Thomas Welcome Center	

8/22

Financial Aid, Admissions/Registration, Advising Center, Business and Student Housing Offices are located in the College Center (CC). Ample parking is available, with reserved parking identified for the handicapped. All-Gender Restrooms are available throughout the campus. To view a list of locations, visit: www.allegany.edu/agr

Allegany College of Maryland does not discriminate on the basis of age, ancestry/national origin, color, disability, gender identity/expression, marital status, race, religion, sex, or sexual orientation in matters affecting employment or in providing access to programs and activities. For inquiries related to this policy, Title IX, and ADA/504, please contact: Dr. Renee Conner, Dean of Student and Legal Affairs, Title IX Coordinator, ADA/504 Coordinator, 301-784-5206 / rconner@allegany.edu
Allegany College of Maryland is required to inform prospective and current students of important College policies. For full details on these key policies, please visit the Allegany College of Maryland website at allegany.edu/policy-mandates.

Frequently-Asked Questions

1. What are the Maryland Energy Administration (MEA) Resilient Microgrid Grants?

The purpose of these grants are to provide Maryland organizations with facilities assessment/planning, early project funding and training funding to enable energy infrastructure assessments, plan creation, clean energy design, financial modeling and training funds resulting in projects that protect critical energy sources and the safety of communities during a crisis. The Optimize approach typically includes more than one building and workforce training and curriculum development for long-term community capacity-building. Optimize secures the balance of private project capital required for capital-constrained clients.

2. What are the amounts of the three MEA grants, among others, Optimize obtains for clients?

Optimize has been 100% in awards received for proposals submitted for clients at no cost to clients.

- (1) The MEA's Area-of-Interest 1 (AOI-1) Planning Grants are for up to **\$125,000** carried out up to an 18-month period. Optimize prefers to complete the assessment and plan in a year or less.
- (2) The MEA's Area-of-Interest 2 (AOI-2) Microgrid Construction Grants are intended to help with the most challenging funding to obtain in the project value chain. Up to **\$1.5 million** is available per project.
- (3) The newest grant we manage for clients is the MEA's Higher Education Clean Energy Pilot Grant of typically **\$1.15 million** enabling both master planning and for curriculum development, applied learning via our projects, training, certifications and 4-year clean energy concentration degrees.

3. Does it cost anything in money or time for Optimize clients?

No. Optimize raises all public and private funds at its own cost and risk, enabling its services to be paid for by grant funds we raise for clients while also being able to pay student interns for contributions to our clients' Plan development and project execution. No new FTEs or additional work time is needed from clients.

4. What is resiliency?

Resiliency is the act of protecting an organization or community's critical energy sources and infrastructure ensuring the safety of people and the function of key operating systems in the event of a crisis. This can include such objectives as: A designated Facility of Refuge building, security/police, IT infrastructure, critical research labs/vaccines, and secure government sites, among others.

5. How does the contract / start-up process work with MEA, Optimize, and awardees of grants?

For four years now, the MEA has made grants available to applicants across Maryland. The process usually kicks off in September with applications due in January/February and awards announced in May/June. Optimize seeks to submit proposals by October since it's essentially first-come first-serve funding availability.

Optimize, at its own cost and risk, writes the grant proposals on behalf of clients after the co-signing of an agreed-upon services contract that kicks in ONLY if a grant is awarded. Awarded funds go to clients directly. Clients pay Optimize monthly from these funds. Payments are timed in conjunction with the preparation (by Optimize) and submission (by the Grantee) of monthly reports and reimbursement requests due by 10th of each month. Clients typically apply a maximum of up to 30 minutes for the monthly project team call.

6. How does the month-to-month process work between Optimize and clients?

Optimize works according to 'ground rules' defined in advance with clients, including Optimize preparing the monthly reports mentioned above (submitted in turn by the Grantee by the 10th of the month). Prior to that date, the client's primary contact checks in with Optimize on a virtual 30-minute Monthly Report Call. Additionally, starting three months into the project, the Client's designated Core Team participates in a monthly virtual Status and Strategy meeting to define, align, and efficiently carry out assessment and planning actions (also led and completed by Optimize). From the client's side, the program is usually supported primarily by leadership, facilities management, communications, and others with a stake in the project. Client time expended is minimal focused usually with no more than up-to a 30 minute monthly call together.

7. Besides the Plan and early Construction funding (thanks MEA!), how else can a client benefit?

Optimize strongly recommends and facilitates all aspects of workforce training and academic curriculum opportunities associated with the microgrid project, even offering access to an established mentor University for guidance/coaching, if desired. The client supports the identification of – or is itself – a higher-education institution, and typically commits up to \$10,000 of the MEA grant funds to cover paid internships for its students or those with geographic proximity. In support of this, the client facilitates the identification of administrative and faculty champions motivated to engage with world class clean energy and community capacity-building professionals. Optimize is quite familiar with the Maryland Higher Education Commission (MHEC), the Maryland Department of Labor, EARN, and Apprenticeship Grants, and has to-date volunteered its time to manage nine interns. These interns benefit from applied learning while contributing to the substance of a client's Plan development. The scale-up of student interns, faculty-sponsored clean energy programs, certifications, and 4-year degrees in the fastest-growing job sector in the country are unique benefits of the Optimize approach. Our methodology also leaves behind the long-term local benefit of a trainer-of-trainers system using real projects in the community for a long-term investment and return.

8. Why Optimize and what are its credentials?

Members of the Optimize Management Team have been leaders and innovators in the renewables field globally since the early 1990s, building clean energy policy, manufacturing, development, and financial innovations to-scale. With a two-decade history in Maryland, they have created more than 1,200 jobs in the state. Employers of the CEO, Len Jornlin, and core team include the National Renewable Energy Laboratory, SunEdison (co-founder), BP Solar, Bonneville Power, Goldman Sachs and the leading micro-enterprise development NGO,. The core team has created more than 2.5 gigawatts of installed renewable generation projects, built over \$2.4 billion of public-private project funds, and created 1200 micro enterprises and training initiatives over 30 years in 40+ countries. Our Optimize approach uniquely catalyzes immediate client benefits while also leaving behind self-managed community benefits for regional population.

We welcome to provide client references upon request. To-date Optimize has written and managed 17 grant proposals for clients, with an award rate of 100%. This has resulted in \$4.7 million in grants for clients.

Primary Contact:

Len Jornlin – CEO
ljornlin@OptimizeRenewables.com
302.293.1082

Project Contact:

Michael Wright – Chief Business Solutions Officer
mwright@OptimizeRenewables.com
610.202.8892

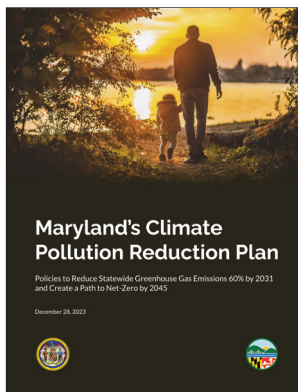
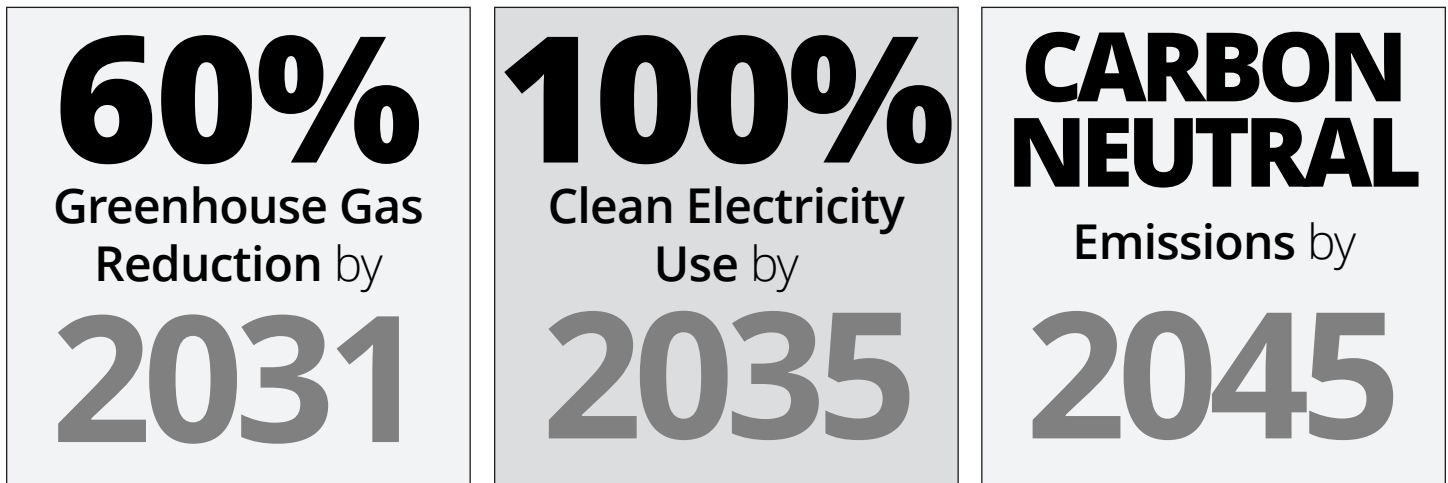
UNFUNDED MANDATES AND HOW THEY IMPACT YOUR ORGANIZATION

Working Document

May 23, 2024

Climate Solutions Now Act (SB528)

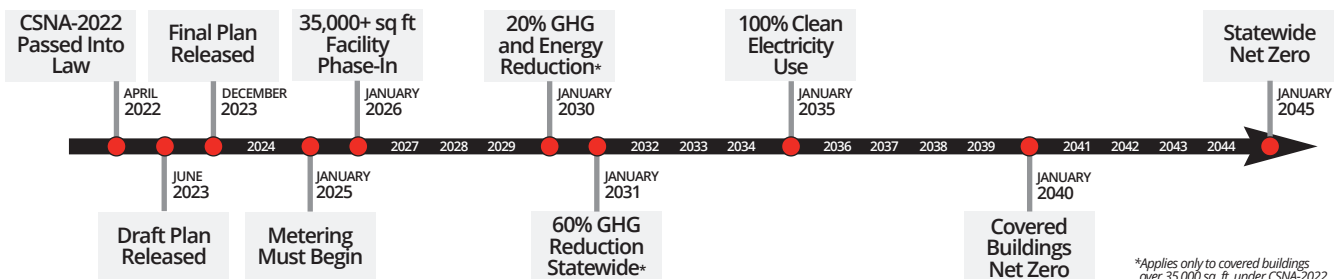
“America’s most innovative and ambitious carbon-reduction initiative.”



CSNA QuickFacts

- ✓ Maryland targets net-zero carbon by 2045 with interim requirements.
- ✓ Maryland Department of the Environment (MDE) delivered Maryland’s Climate Pollution Reduction Plan on time on December 28, 2023.
- ✓ Primary objective is to drive Greenhouse Gas reduction.
- ✓ Focus is on electrifying infrastructure, reducing building emissions, promoting renewables, and encouraging electric vehicles.
- ✓ Targets four sectors: **Buildings**, Transportation, Utilities, & Social Justice.

Implementation Schedule and Objectives



A PROGRAM STILL UNDER DEVELOPMENT

Ultimately, these regulations will impact everyone, but currently, building owners and developers will bear the brunt. Non-compliance could incur significant fines, making proactive adherence imperative!

If you own a building of a certain size, you need to plan for mandates.

What We Currently Know

- If you own a building **35,000 square feet** or larger, you will be impacted.
- Some building types are exempt, including: Historic, manufacturing, commercial kitchens, K-12 schools, and agricultural buildings. (K-12 buildings that achieve net zero will receive +5% in state funding).
- You will need to **meter and report all energy utilities** in use at your location.
- **Reporting is required starting in 2025.**
- You must use **ENERGY STAR Portfolio Manager** tool to report energy use.
- Buildings under 35,000 square feet are not yet required to comply, but will be phased-in at a later date.
- Currently, 33% of Maryland's GHG Emissions are from buildings.



What We Don't Yet Know

- Optimize continues to closely monitor how policies will actually be implemented.
- **Program penalties will likely be tied to the social cost of carbon.**
- The EPA currently lists the social cost of carbon at \$51 per ton. There is a proposal to raise this cost to \$200 per ton.
- This cost will fluctuate, most likely in a continuously upward direction.
- Building Energy Performance Standard (BEPS) proposals have both Energy Usage Intensity (EUI) and carbon (GHG) metrics, which **incentivize electrification.**

9,000 **35,000 sq ft**
Buildings

There are 9,000 buildings of 35,000 square feet or more across Maryland. Estimates are that 90% of these will need to take some action to achieve compliance.

Creating a new balance of power
for Resilient Communities.

301-778-9300

Web: www.OptimizeRenewables.com
Email: info@OptimizeRenewables.com

OPTIMIZE
RENEWABLES™

10312 Governor Lane Boulevard, Suite 5012
Williamsport, MD 21795 USA

