

Appendix N – BEPS Informational Session 2: Dr. Decarb Answers

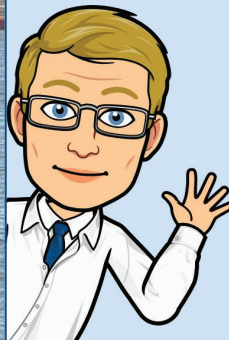
Questions About Building Standards – August 13, 2024



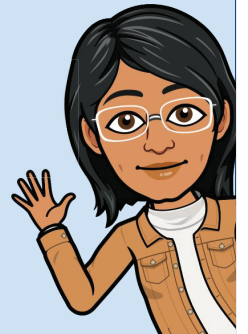
MDE Building Decarbonization Team

Dr. Decarb Answers Questions About Building Standards

August 13, 2024 @ 7 pm



**“Dr. Decarb”
Zach Berzolla, PhD.
MDE Building Decarbonization Section Head**



**“Mary Lynn”
Building Owner**



Maryland's BEPS Overview

MDE BEPS Website



BEPS Email List



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FAQ Agenda

[Covered Buildings](#)

What does a covered building look like?

[Energy Consumption Data](#)

How do I get my energy consumption data from my electric and/or gas company or building tenant?

What happens if they don't provide it?

[Building Upgrade Resources](#)

What resources are available to help building owners upgrade their building if necessary?

[Renewable Energy](#)

Can I use renewable energy to comply with Maryland BEPS?

[Montgomery County](#)

My building is in Montgomery County. What do I have to do to comply?

[BEPS Policy Update](#)

What changes were made between the BEPS regulation proposed in December, 2023 and this new 2024 draft?



FAQ Agenda

Public Comments

Will there be opportunities to provide public comment on the BEPS regulation in 2024?

Noncompliance Penalties

Are there penalties associated with noncompliance?

Third Party Verification

Why do I need to have my energy data third party verified and who is eligible to be a verifier?

Flexibilities in Compliance

What flexibilities are available when trying to comply with the regulatory requirements?

Unique Building Situations

How does the regulation account for my building's unique situation?

BEPS Informational Sessions

How can I learn more about BEPS?



Covered Buildings

What does a covered building look like?

Covered buildings are larger than 35,000 square feet.

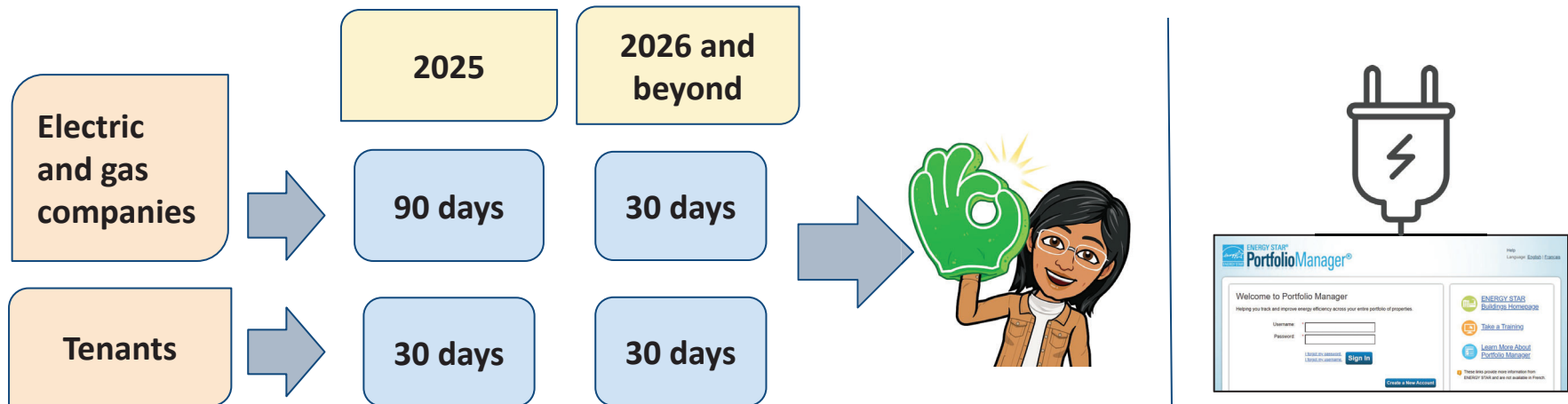
- Average grocery store is 40,000 square feet
- 1 acre of land is 43,560 square feet
- A football field is 57,600 square feet





Energy Consumption Data

How do I get my energy consumption data from my electric and/or gas company or building tenant? What happens if they don't provide it?





Building Upgrade Resources

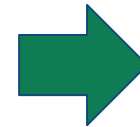
What resources are available to help building owners upgrade their building if necessary?



MEA Clean Buildings Hub
Grants, loans and rebates



Federal Incentives
Tax credits/
deductions
(179-D, ITC, etc.)





Renewable Energy

Can I use renewable energy to comply with BEPS?



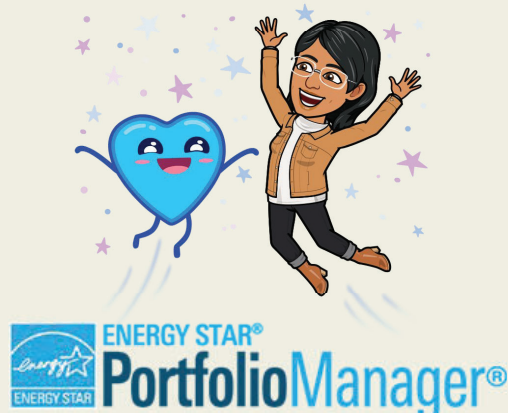


Montgomery County

My building is in Montgomery County. What do I have to do to comply?

Building owners in Montgomery County will begin data sharing with MDE through ENERGY STAR Portfolio Manager (ESPM) in 2025 and from then on will update their data directly in ESPM.

This data will be reported to both Montgomery County and MDE.



Maryland
Department of
the Environment



DEPARTMENT OF
**ENVIRONMENTAL
PROTECTION**



BEPS Policy Update

What changes were made between the BEPS regulation proposed in December 2023 and this new 2024 draft?

- Removal of the proposed site energy use intensity (EUI) standards
- Modification of,
 - Agricultural building definition,
 - Manufacturing building definition,
 - Exemption procedure,
 - Public infrastructure property types, and
 - The consumer price index.



Public Comments

Will there be opportunities to provide public comment on the BEPS regulation in 2024?



To beps.mde@maryland.gov

Cc Bcc +

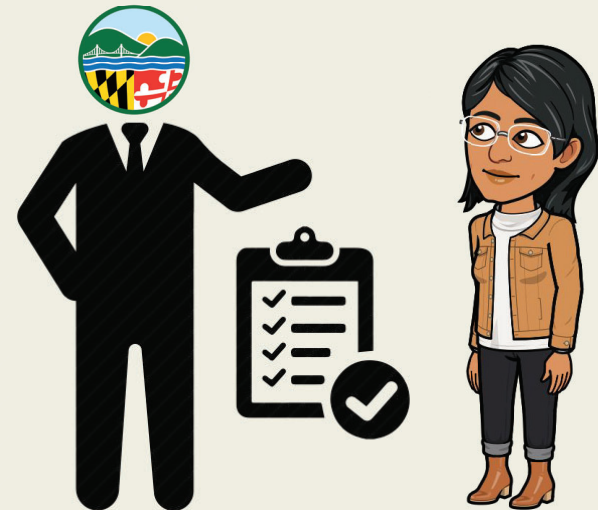


Noncompliance Penalties

Are there penalties associated with noncompliance?

MDE intends to work with building owners and tenants to come into compliance with the regulation and has discretion in pursuing compliance actions.

Failure to comply with any aspect of the BEPS regulation would put the party in question in violation of an MDE regulation, which would be handled by the MDE Air and Radiation Administration compliance program.





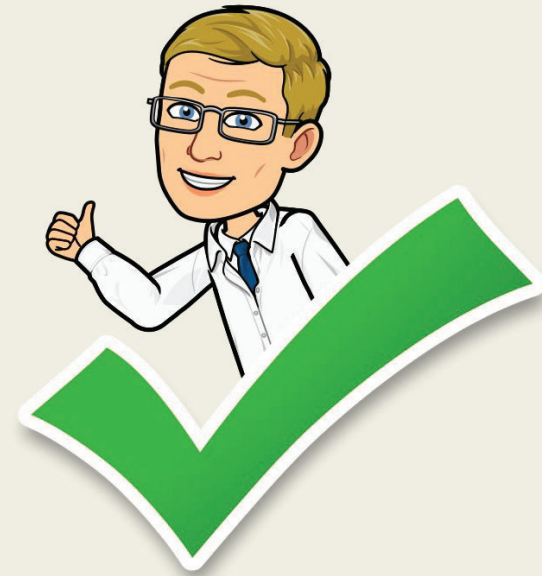
Third Party Verification

Why do I need to have my energy data third party verified and who is eligible to be a verifier?

Third party verifiers must have current licenses or certifications:

- Professional Engineer (PE) issued within the United States;
- Licensed Architect issued within the United States;
- Certified Energy Manager (CEM);
- Building Energy Assessment Professional.

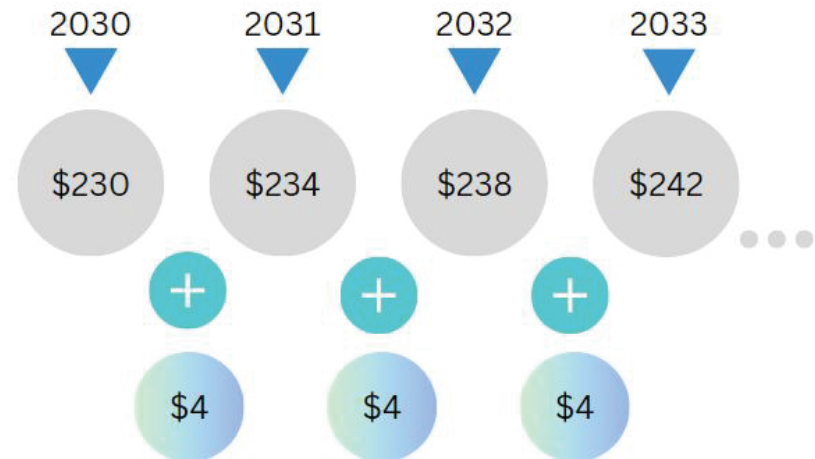
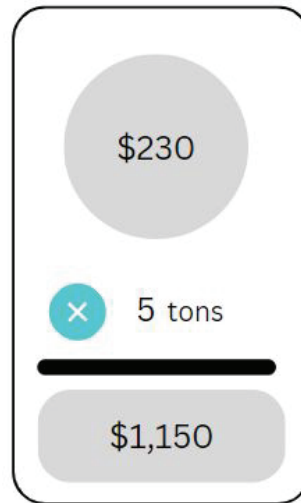
Any other additional data verifier license or training program credentials recognized by the Department.





Flexibilities in Compliance

What flexibilities are available when trying to comply with the regulatory requirements?





Unique Building Situations

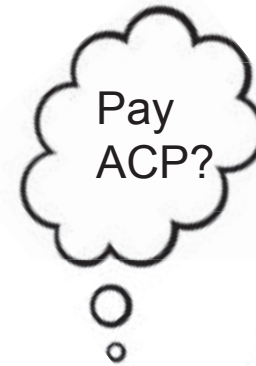
How does the regulation account for my building's unique situation?



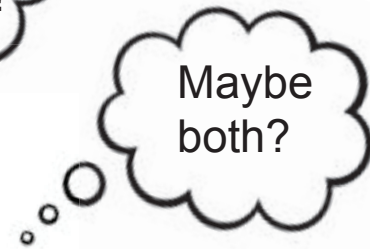
Eligible for exemption?



Retrofits?



Pay ACP?



Maybe both?



BEPS Informational Sessions

How can I learn more about BEPS?

Upcoming Sessions and Webinars

- **Aug. 22** – Clean Buildings for All: Leaving No One Behind
- **Sept. 10** – Benchmarking and Reporting Working Group





Thanks for Attending!

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“Mary Lynn”
Building Owner

