

Appendix O – Electric and Gas Company Reporting Requirements Working Group

Session 3 –August 15, 2024



**Maryland**  
Department of  
the Environment

# **Maryland Building Energy Performance Standards (BEPS)**

## **Electric and Gas Company Reporting Requirements Working Group**

Session 3 - 8/15/2024 @ 2pm

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*MDE Building Decarbonization Section Head*

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## Session 3 Agenda

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- Welcome back
- BEPS policy update
- MDE requirements and clarifications
- Next steps
- Spreadsheet utilities Q&A



# BEPS Proposed Regulation

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- December 2023 proposal has been withdrawn; revised version advanced.
- What's changed between the two versions?
  - Removal of Site Energy Use Intensity (Site EUI) Standards,
  - Modified the agricultural building definition, manufacturing building definition, exemption procedure, public infrastructure property types, and the consumer price index for clarification.
- What stays the same between the two versions?
  - All other requirements, which includes:
    - Reporting requirements, including the reporting of energy use and emissions data to MDE annually starting June 1, 2025
    - Net direct emissions standards

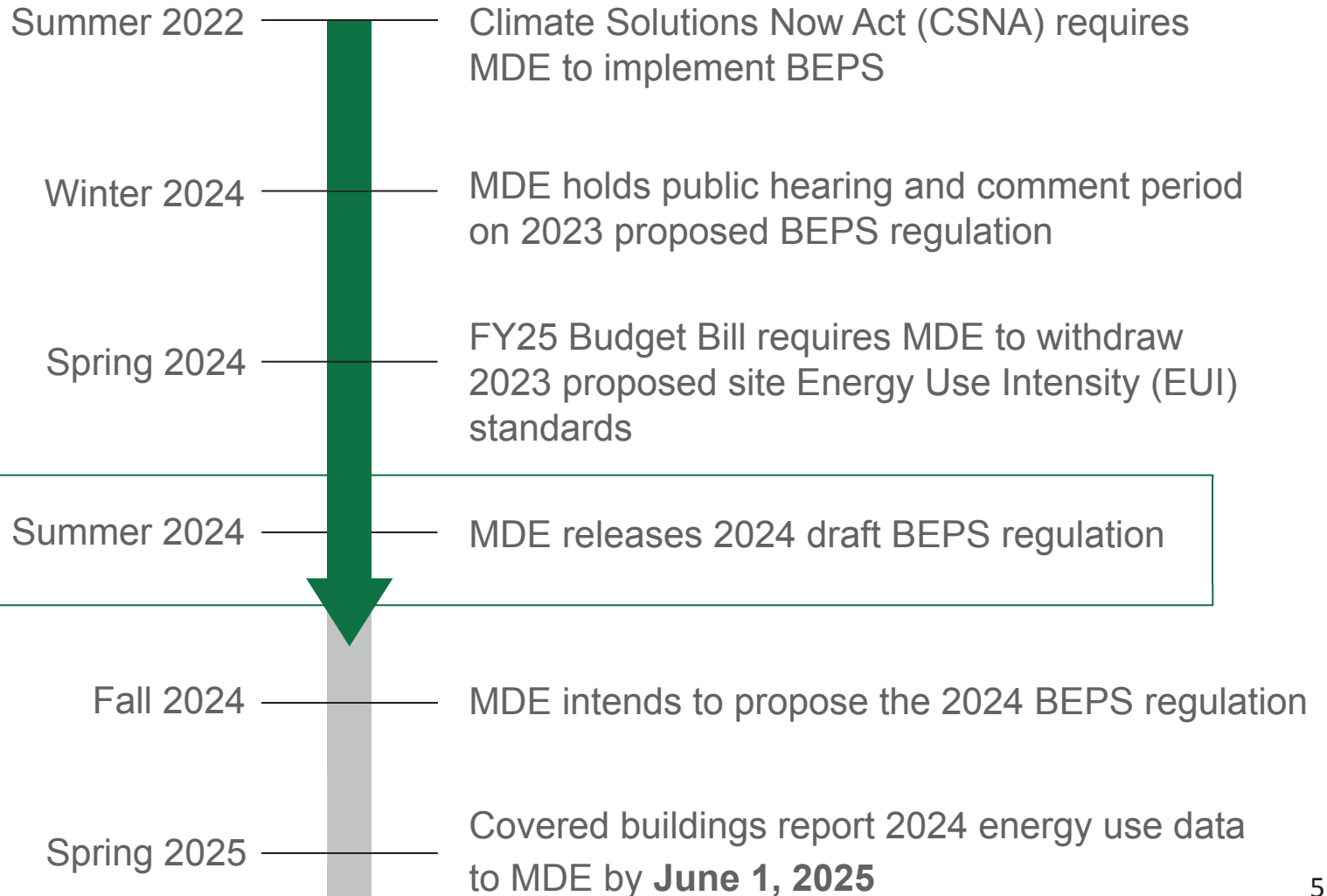


## Site EUI Guidance

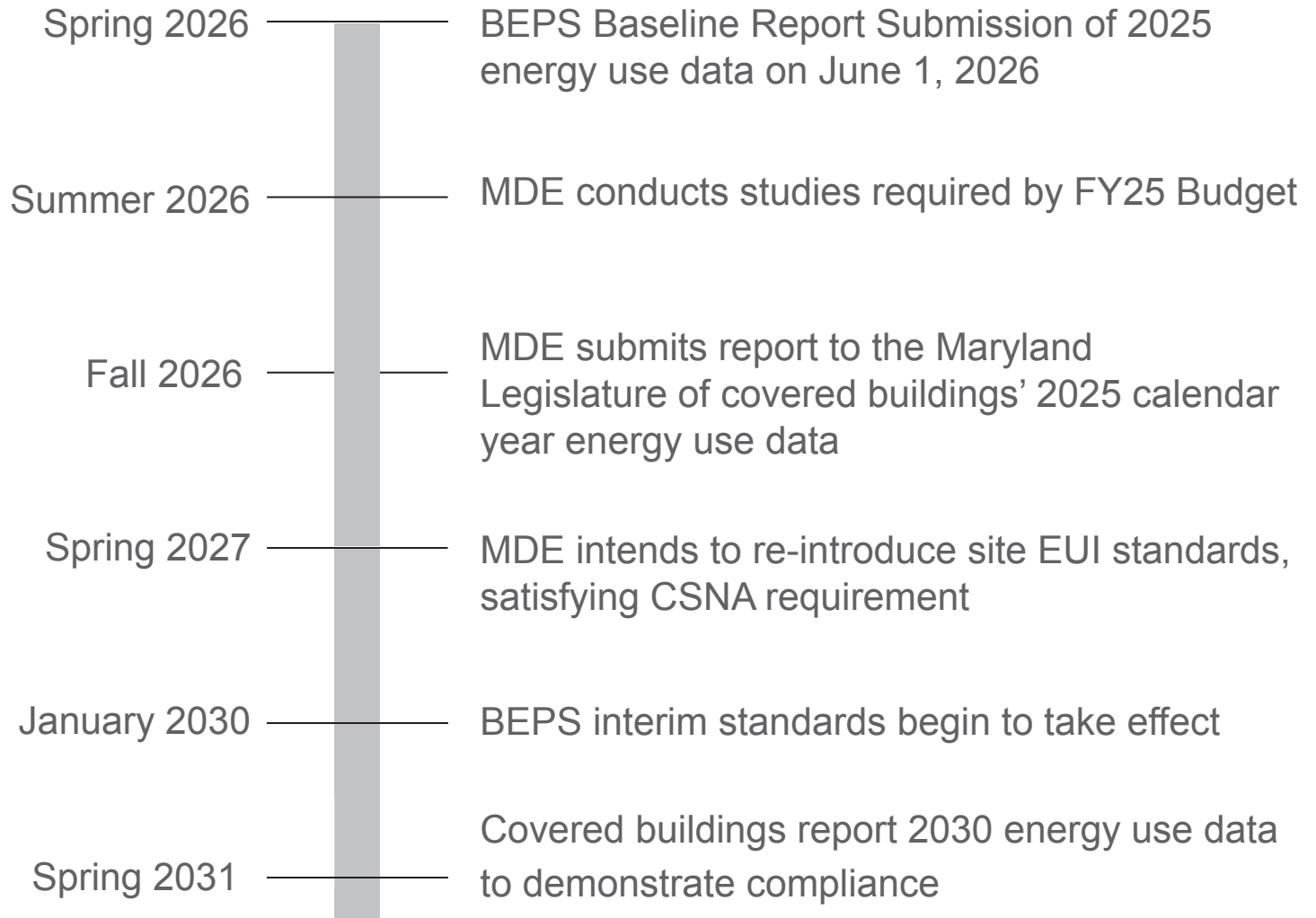
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- MDE intends to establish site EUI standards in 2027
- Building owners should refer to the site EUI standards [proposed](#) in December 2023 for directional guidance as they plan improvements to their buildings.
- Building owners are advised not to install electric resistance heating equipment without considering how the use of such equipment would influence the site EUI.

# BEPS Timeline



# BEPS Timeline





## Building Owner Reporting Requirements

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- Starting in 2025, annually collect previous calendar year whole building energy data for owned, covered building(s) and submit to MDE through ENERGY STAR Portfolio Manager (ESPM) by June 1st
  - Data shall be requested from relevant utilities
- Data must be submitted to MDE sorted by month and fuel type. Building owners will exclude energy consumption for certain end uses.
- Use ESPM's data quality checker prior to submission, and in certain years, have the data verified by a third party verifier
- Retain 5 years of historical data





# Effective January 1, 2025: Electric & Gas Company Reporting Requirements

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- **Data Retention**
  - Maintain whole building energy data for no less than 5 years
  - Starting with 2024 data
- **Data Provision**
  - Provide 12 months of whole building energy data to the building owner, aggregated on a monthly basis and by fuel type
  - On request within 90 days in 2025 and 30 days in 2026 and beyond
- **Aggregation Threshold**
  - $\geq 5$  tenants: no authorization needed
  - $< 5$  tenants: written or electronic consent from each tenant (can be in lease)
- **Mechanism for Data Delivery**
  - Investor owned:  $> 40k$  customers must provide data through ESPM Web Services
  - All others: provide data via ESPM Web Services or a pre-defined spreadsheet format



# Effective January 1, 2025: Electric & Gas Company Reporting Requirements

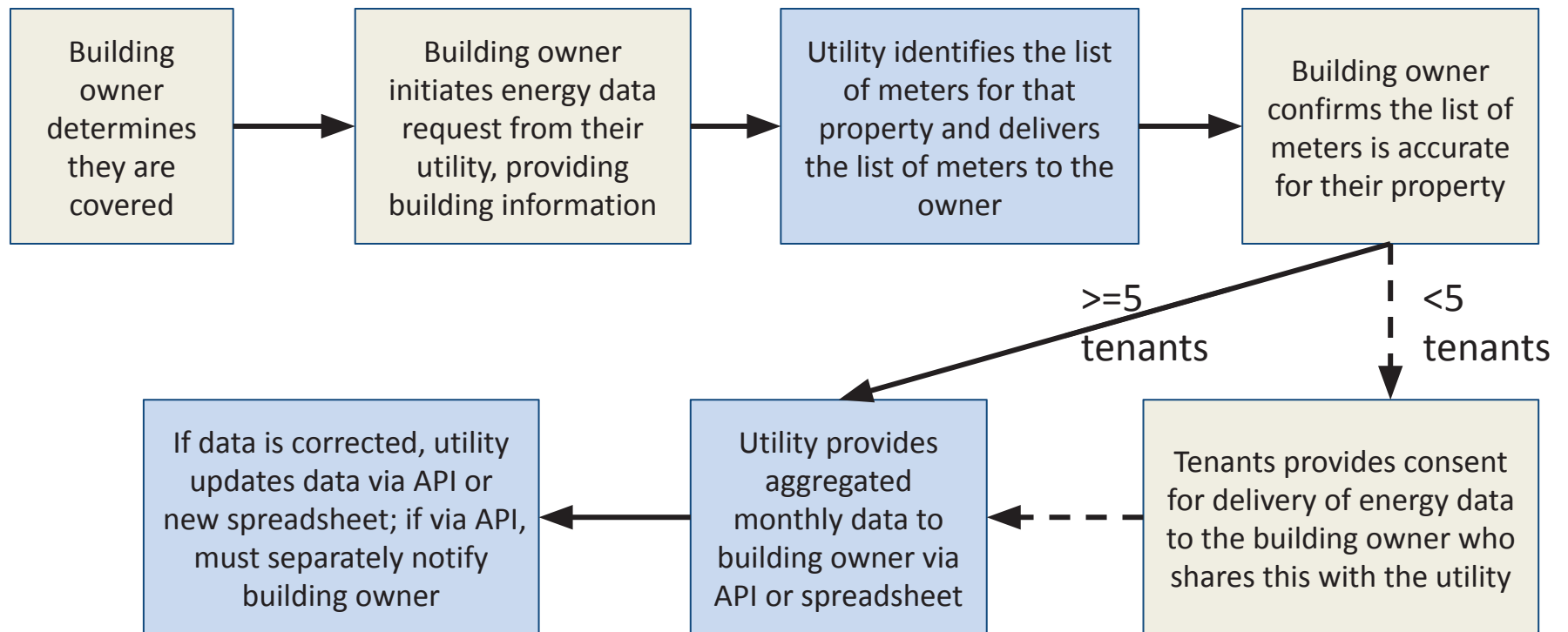
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- **Data Completeness and Accuracy**

- For properties with onsite generation of renewable electricity (e.g., solar or wind energy), the consumption values delivered to the building owner must capture total (gross) grid electricity consumption as metered by the electric or gas company, rather than net (or net-metered) consumption of grid electricity.
- Develop a process to identify and confirm with the building owner the list of meters that will be used to calculate the aggregated total as follows:
  - (a) Provide to the building owner a listing of all meters included in the whole building energy consumption data for verification purposes
  - (b) If any correction or update takes place at a meter that is included in the whole building energy consumption data, then the affected value(s) shall be proactively updated through the benchmarking tool's web services API or through an updated spreadsheet template with a notification provided to the building owner/data requestor

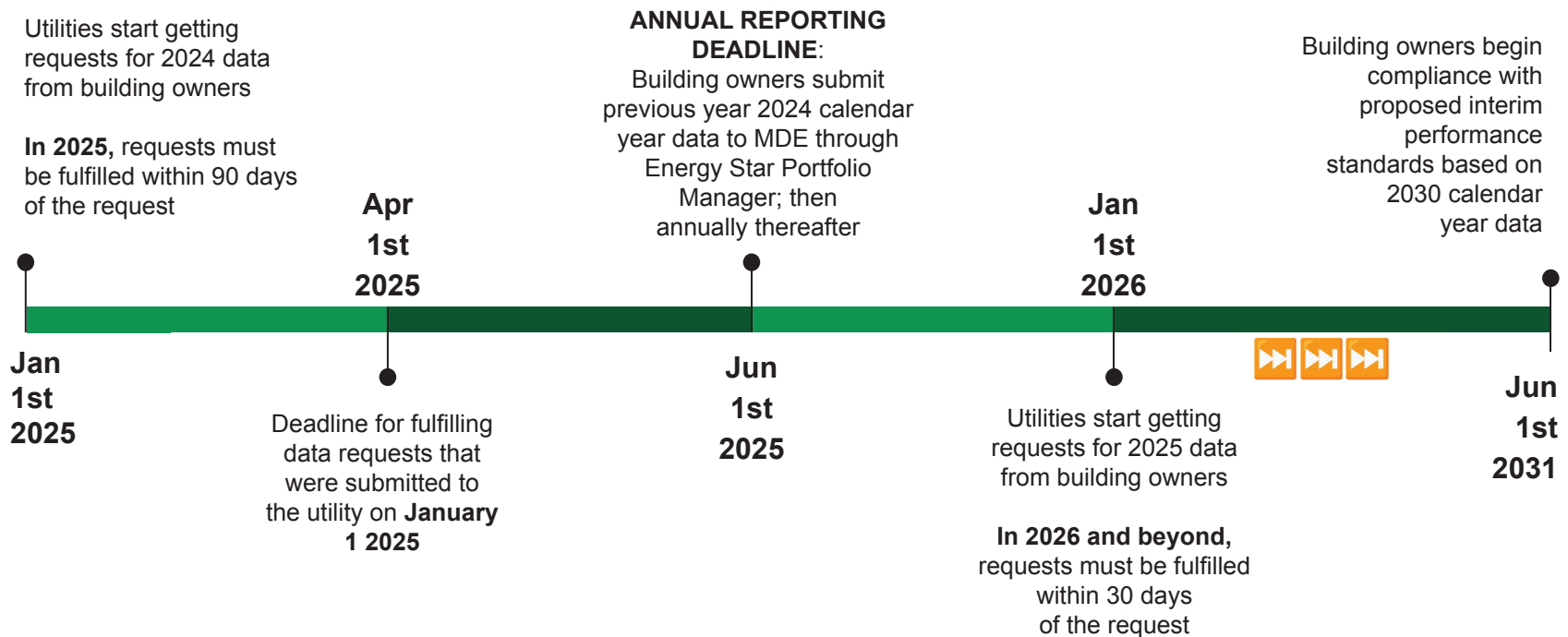


# Flowchart For Data Requests





# Electric & Gas Co. Reporting Timeline





## Next Steps

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- Schedule a 1 on 1 session! Booking link coming soon.
- Implementation & Communications Plan
  - High-level process description for building owners to request data
  - Relevant websites/landing pages
  - Method of communication
- Input on: collaborations around informational sessions in early 2025 for their customers
- Contact ENERGY STAR with technical questions:  
[statelocal@energystar.gov](mailto:statelocal@energystar.gov)



# Questions?

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## Building Decarbonization Team



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## BEPS Website



## BEPS Email List

