



Heating Fuel Provider Reporting Program

Overview for Heating Fuel Providers

May 15, 2025



Maryland
Department of
the Environment

Agenda

- MDE Presentation
- Feedback Form
- Q&A
- Discussion

What is the purpose of this program?

Establishing quarterly reporting requirements for heating fuel providers of the amount of heating fuel delivered for final sale or consumption in Maryland.

This reporting framework will improve upon data used to support the Department's triennial Statewide Greenhouse Gas (GHG) Emissions Inventory. The inventory is required by Maryland Code, Environment Article §2-1203.

Data collected under this program will also inform future programs to meet the State's legal requirements to reduce statewide GHG emissions by 60% below 2006 levels by 2031 and achieve net-zero statewide GHG emissions by 2045.

What is a heating fuel?

Any material substance, whether solid, liquid, or gaseous, that can be used to supply heat to a building.

- Biofuel
- Biomethane
- Coal
- Hydrogen Fuel
- Kerosene
- Natural Gas
- Propane
- No. 1 Fuel Oil
- No. 2 Fuel Oil
- No. 4 Fuel Oil
- No. 5 Fuel Oil
- No. 6 Fuel Oil
- Other Fuel Oil
- Other (specify)

“Heating fuel” **excludes**:

- Diesel fuel
- Motor gasoline
- Wood and wood-derived fuels
- Solid waste

Who are heating fuel providers?

Anyone delivering a heating fuel in Maryland, whether based in Maryland or not.

MDE will create a simple registration form for providers.

Do I need to report? Any questions as to if a company must report will be handled via this registration process.

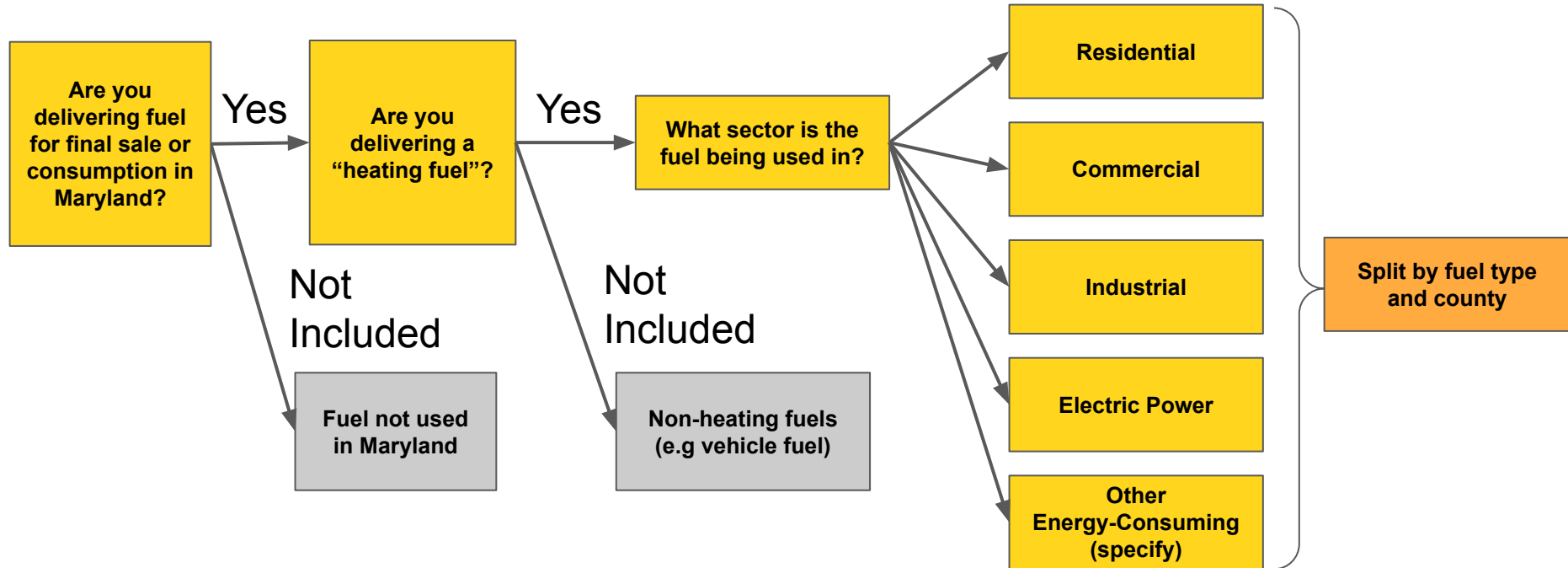
What's in a quarterly report?

Monthly heating fuel delivery information aggregated by fuel type,

- Split by Maryland county where it was delivered to:
 - Split by sector receiving the heating fuel:
 - Residential
 - Commercial
 - Industrial
 - Electric power
 - Other Energy Consuming Sectors (specify)

E.g. Company A delivered 100,000 gallons of No. 2 fuel oil to Baltimore County homes (residential sector) and 200,000 gallons of No. 2 fuel oil to Baltimore County commercial businesses (commercial sector) for the month of February.

Reporting Flowchart



When are reports due?

June 1, 2026 - First reports due.

Q1: January, February, March: due June 1

Q2: April, May, June: due September 1

Q3: July, August, September: due December 1

Q4: October, November, December: due March 1



Reporting Template: Setup Tab

What Year are you reporting for		Input Company Name	
2026		Input Company Address	
		Input Company ID	1
What Quarter are you reporting?			
Q1			

What Counties to you deliver to?	Dropdown
Allegany	Yes
Anne Arundel	Yes
Baltimore City	
Baltimore County	Yes
Calvert	
Caroline	
Carroll	
Cecil	Yes
Charles	
Dorchester	
Frederick	Yes
Garrett	

Yes or Blank
Mark with a Yes if you DO deliver to this county. Leave this blank if you do not.

What Fuel(s) do you deliver?	Units	Dropdown
Biomethane	Mcf	Yes
Coal	short tons	
Hydrogen	Mcf	
Kerosene	gallons	
Natural Gas	Mcf	Yes
No. 1 Fuel Oil	gallons	Yes
No. 2 Fuel Oil	gallons	Yes
No. 4 Fuel Oil	gallons	
No. 5 Fuel Oil	gallons	Yes
No. 6 Fuel Oil	gallons	
Other Fuel Oil	gallons	
Propane	gallons	

What Sector(s) Receive Fuel?	Dropdown
Residential	Yes
Commercial	
Industrial	Yes
Electric Generation	Yes

Reporting Template: Data Entry

Company ID	Year	Month	Fuel	Fuel Units	Energy Consuming Sector	Allegany
1	2026	January	Biomethane	Mcf	Residential	33
1	2026	January	Biomethane	Mcf	Industrial	173
1	2026	January	Biomethane	Mcf	Electric Generation	313
1	2026	January	Natural Gas	Mcf	Residential	453
1	2026	January	Natural Gas	Mcf	Industrial	593
1	2026	January	Natural Gas	Mcf	Electric Generation	733
1	2026	January	No. 1 Fuel Oil	gallons	Residential	873
1	2026	January	No. 1 Fuel Oil	gallons	Industrial	1013
1	2026	January	No. 1 Fuel Oil	gallons	Electric Generation	1153
1	2026	January	No. 2 Fuel Oil	gallons	Residential	1293
1	2026	January	No. 2 Fuel Oil	gallons	Industrial	1433
1	2026	January	No. 2 Fuel Oil	gallons	Electric Generation	1573
1	2026	January	No. 5 Fuel Oil	gallons	Residential	1713
1	2026	January	No. 5 Fuel Oil	gallons	Industrial	1853
1	2026	January	No. 5 Fuel Oil	gallons	Electric Generation	1993

Missing Data? What if I don't report?

If	Then
Provider is missing data	Provide an estimate of the heating fuel delivered that is at least as large as the amount that was actually delivered.
Provider does not report	MDE may estimate the fuel amount for the provider based on information that MDE deems relevant, at least as large as the amount actually delivered that should have been reported.

Additional Guidance

Residential Sector

- Single-family dwellings
- Mobile homes
- Multi-family dwellings, individually metered
- Master-metered apartment buildings
- Etc.



Commercial Sector



- Offices
- Hotels
- Restaurants
- Recreational facilities
- Retail stores
- Schools/universities
- Wholesale stores
- Houses of worship
- Healthcare facilities
- Warehouses
- Government (local, state, and federal) agencies
- Transportation centers
- Non-manufacturing military installations
- Etc.

Industrial Sector

- Agriculture
- Construction
- Forestry
- Manufacturing
- Mining
- Oil and gas extraction
- Etc.



Electric Power Sector



Electricity or electricity and heat for sale to the public:

- Regulated electric utilities
- Non-regulated electricity generators

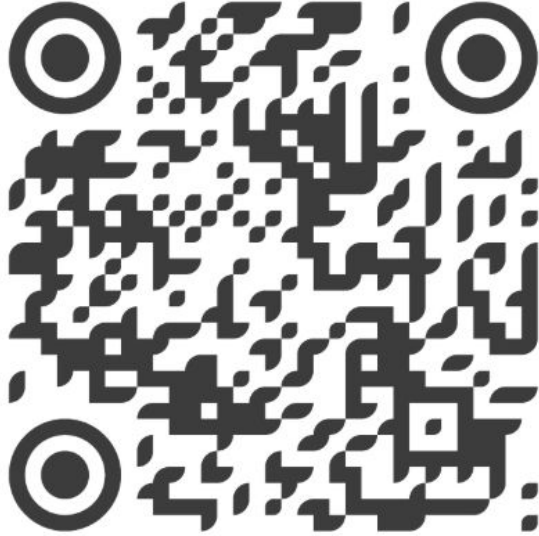
Other Energy-Consuming Sectors

You'll need to specify to MDE what is being included in these other sectors and MDE will add those as sub-categories to the “Other Energy Consuming Sectors” in the reporting template.

I deliver a biofuel or blended fuel. How do I report that?

When you register with the Department, you'll be able to specify more details on the fuel types for addition to the reporting template as a subset of the biofuel category. You will need to provide details to the Department about the fuel, its blending content, and its attributes in order to register it.

Feedback Form & Next Steps



Please submit feedback by May 23rd

- Submit initial feedback and questions
- Join MDE's Alternative Fuels working group to discuss emissions accounting for alternative fuels

Q&A




Discussion

Contact Us

Clean Heat Team

 cleanheat.mde@maryland.gov

 410-537-3890

Social Media
[@md_environment](#)



Clean Heat Website



Clean Heat Email List

