

**COMMONWEALTH OF MASSACHUSETTS**

*Maura Healey, Governor*

*Kim Driscoll, Lt. Governor*

*Rebecca Tepper, Secretary*

*Elizabeth Mahony, Commissioner*

# **Electrifying Municipal Fleets**

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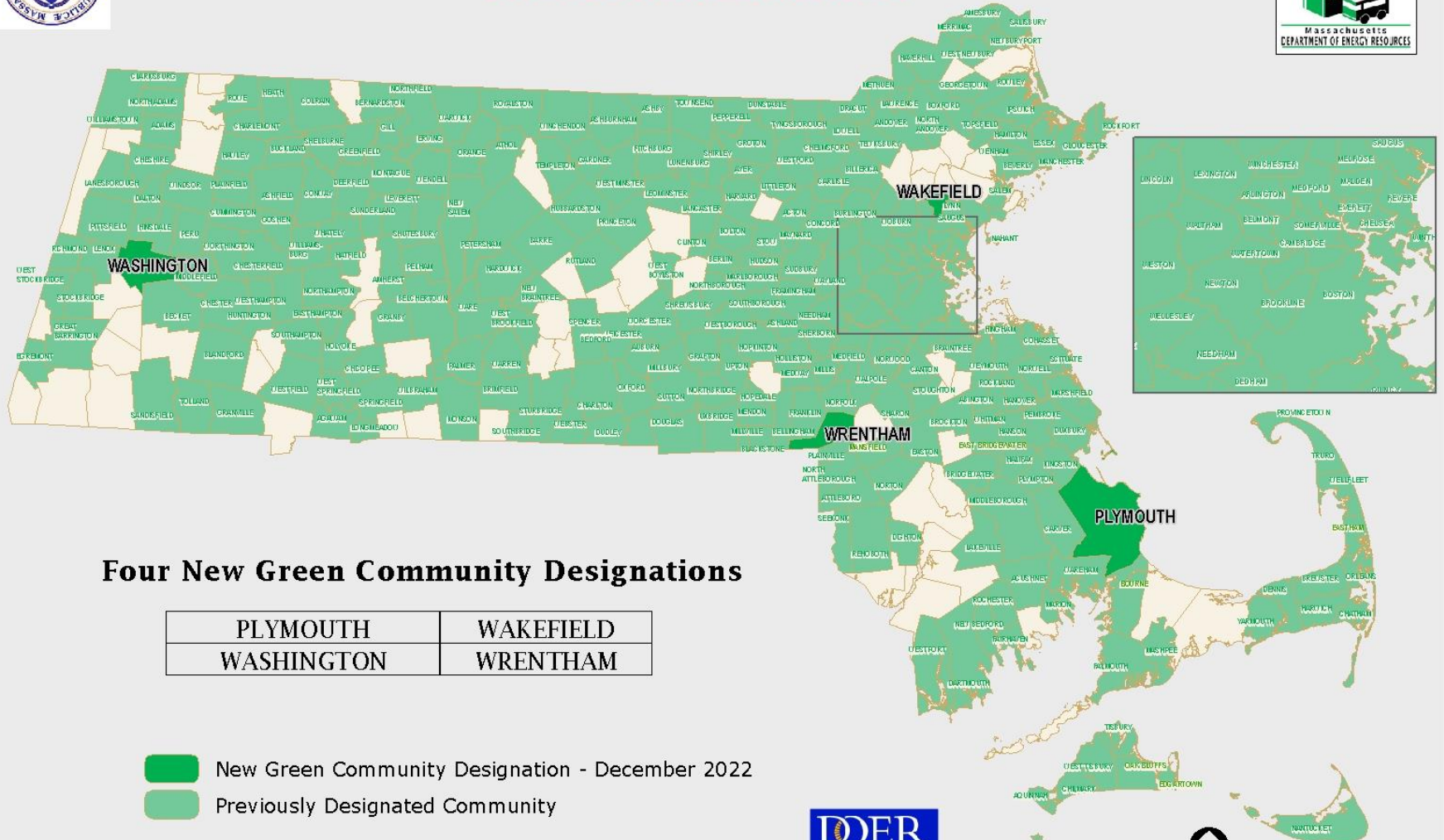
**May 3, 2023**

***Mark Rabinsky***

*Deputy Director, Green Communities Division*



# GREEN COMMUNITY DESIGNATIONS REACH TWO HUNDRED NINETY



## Four New Green Community Designations

PLYMOUTH	WAKEFIELD
WASHINGTON	WRENTHAM

- New Green Community Designation - December 2022
- Previously Designated Community



20

NOT TO SCALE

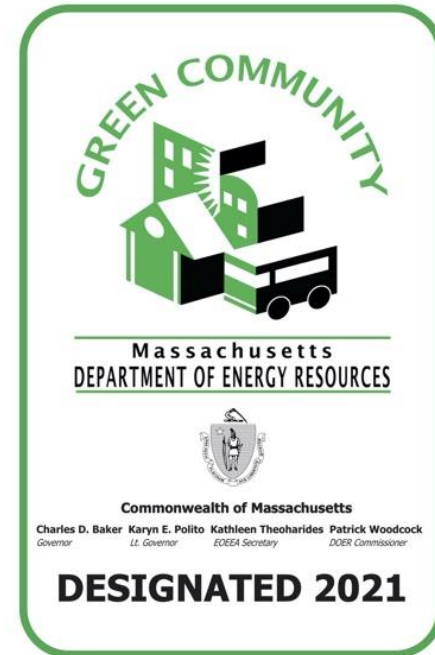
Miles

# Green Communities Designation and Grant Program

**Established by the Green Communities Act of 2008**

## Designation Criteria

1. Adopt as-of-right siting for renewable/alternative energy generation, research and development, or manufacturing
2. Adopt expedited permitting process
3. Create an energy use baseline and a plan to reduce municipal energy use by 20% in 5 years
4. Purchase only fuel-efficient vehicles
5. Reduce life-cycle costs of new construction by adopting the stretch energy code



## Eligible for Grants on Municipal Property

- Energy efficiency projects
- Renewable energy projects

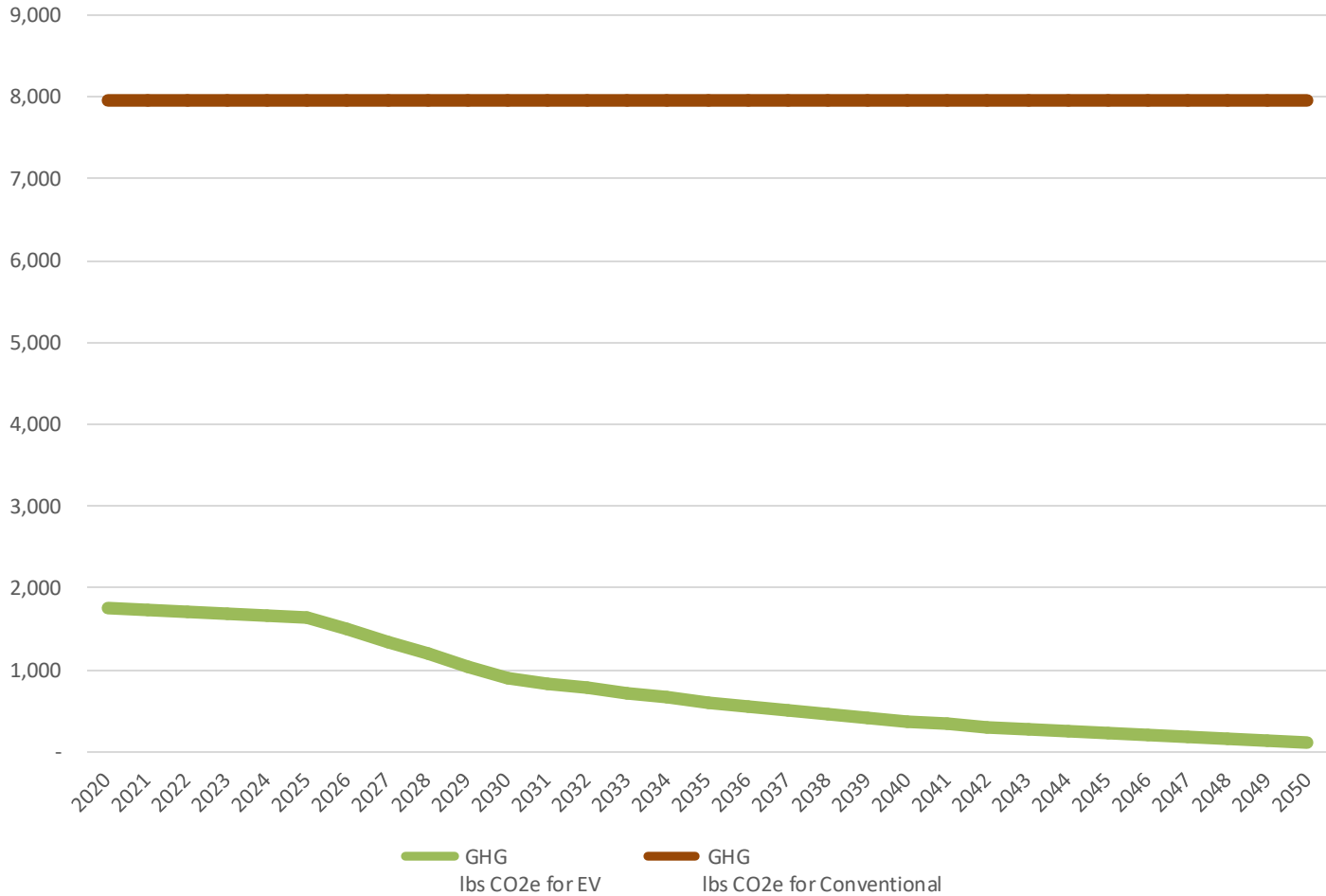
# Why do we want you to electrify your fleet?

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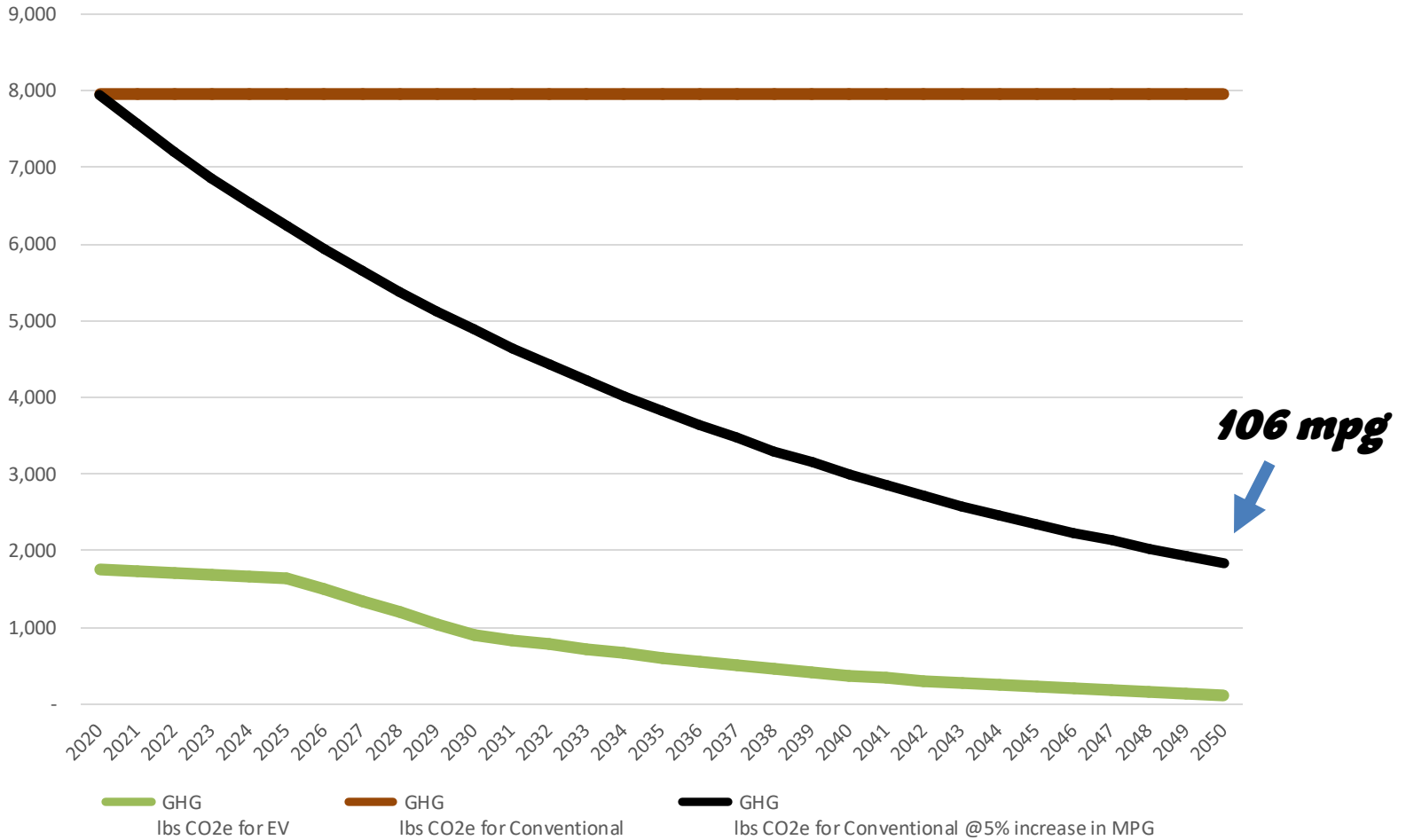
- On average, vehicles account for ~ 16% of energy in municipal operations
  - Smaller communities can be 60%+
- Electrical prices are stable (or, at least, historically more so than gasoline)
- Cleaner option (air quality, GHG emissions) that will become even cleaner over time



# Why do we want you to electrify your fleet?



# Why do we want you to electrify your fleet?



# Barriers

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- Vehicle availability
- Costs
- End users
- Range Anxiety?
- Infrastructure?



# Incentives\*

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	Studies
Green Communities	✓ META
MassDEP EVIP	
MOR-EV <u>Trucks</u>	
National Grid	✓
Eversource	✓

\* Each funding source has its own rules, restrictions, and eligibility requirements - there are **too many to mention**, and **everything is subject to change**. See each funding source for more details.

# Muni Policies and What's Next?

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## Policies

- Community ZEV First Policy
  - Sustainable Fleet Policy (Concord)
- Infrastructure/Building/Construction Plans

## What's Next?

- Green Communities
- MassEnergyInsight



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