

# EGL E Sustainability Section Transportation Programs

- Clean Diesel Program
- Fuel Transformation Program
- Charge Up Michigan

# Clean Diesel Program Eligibility

- Cities, townships, and villages
  - County government agencies
  - Transit agencies
  - Port authorities
  - Public school districts
  - Private schools
  - Non-profit organizations or institutions
  - Private business and industry
- All applicant and partner entities must have continuous and ongoing business operations that include a physical location in Michigan.

Application open now through January 28, 2021.

[www.Michigan.gov/EGLECleanDiesel](http://www.Michigan.gov/EGLECleanDiesel)

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# Eligible Vehicles, Engines, Equipment

From these diesel emission sources:

- School Buses and Transit Buses
- Medium-duty or heavy-duty trucks
- Marine Engines
- Locomotives

And nonroad diesel engines, equipment, or vehicles used in:

- Construction
- Handling of cargo (including at a port, airport or train yard)
- Agriculture
- Mining

Types of diesel vehicles/engines which can be eligible for replacement >>

In addition:

- Marine Engines
- Locomotives

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**CleanDiesel**

**Class Five: 16,001 to 19,500 lbs.**



Bucket



City Delivery



Large Walk In

**Class Six: 19,501 to 26,000 lbs.**



Beverage



Rack



School Bus



Single Axle Van



Stake Body

**Class Seven: 26,001 to 33,000 lbs.**



City Transit Bus



Furniture



High Profile Semi



Home Fuel



Medium Semi Tractor



Refuse



Tow

**Class Eight: 33,001 lbs. & over**



Cement Mixer



Dump



Fire Truck



Fuel



Heavy Semi Tractor



Refrigerated Van



Semi Sleeper



Tour Bus

# Clean Diesel Program Funding levels

- Up to 25% of the cost of a replacement **vehicle**.
  - Up to 35% if CARB's Low-NOx Standards
  - Up to 45% of the cost of a new, zero tailpipe emissions
- Up to 40% of the cost of an **engine** replacement
  - Up to 50% CARB's Low-NOx Standards
  - Up to 60% Zero tailpipe emissions

# Clean Diesel Program Engine Model Year Requirements

Current Engine Model Year	Vehicle or Engine Replacement: Engine Model Year 2016+ (2013+ for Drayage Vehicles)	Vehicle or Engine Replacement: EMY 2016+, Zero Emission, or Low-NOx
1995 and older	No	No
1996 - 2009	Yes	Yes
2010 and newer	No	Yes

**NOTE: Engine and vehicle years may be different.**

# Proposal evaluation

- Diesel engine emissions reduction outputs, and outcomes, and cost effectiveness as calculated by the U.S. EPA Diesel Emissions Quantifier.
- Total cost of ownership for new vehicles and equipment.
- Linkage to U.S. EPA and EGLE clean air and clean diesel priorities.
- Relevant project partnerships as documented by letters of commitment.
- A successful financial full audit within 24 months prior to the RFP's closure date by a Certified Public Accountant.
- Ability to carry out the project as demonstrated by the applicant's staff expertise, experience, and qualifications
- Past grant performance

# Additional information

Application open now through January 28, 2021.

[www.Michigan.gov/EGLECleanDiesel](http://www.Michigan.gov/EGLECleanDiesel)

- These are reimbursement-based grants.
- Old vehicles or engines must be properly decommissioned with documentation.
- Projects can start once the grant agreement is signed by the Grantee and EGLE.
- All projects must be completed by August 31, 2022.
- \$322,800 available



# Fuel Transformation Program

Volkswagen Settlement Funds

[Michigan.gov/EGLEFTP](https://Michigan.gov/EGLEFTP)

# Fuel Transformation Program Upcoming Grants

- **Class 4-8 Local Trucks**
- **Shuttle Buses and Transit Buses**
- **Port Drayage Trucks**
  
- Freight Switchers
- Tugs and Ferry Boats
- Great Lakes Shore Power
  
- Airport Ground Support Equipment
- Forklifts
- Port Cargo Handling Equipment

**[Michigan.gov/EGLEFTP](https://Michigan.gov/EGLEFTP)**

# Fuel Transformation Program

- All public and private entities with eligible diesel vehicles and equipment can apply for grant funds.
- Applicants need a successful financial audit completed by a CPA within two years prior to application and pass due diligence compliance checks.
- Grantees must front the project funds and are reimbursed for eligible expenses.
- Eligible diesel vehicles and equipment must be scrapped.
- Grants can be combined with other funding opportunities if terms and conditions allow.

# Fuel Transformation Program

## Next RFP

**Class 4-8:** Local freight vehicles (eligible medium and large trucks and port drayage trucks), shuttle buses and transit buses. Projects involve the replacement of eligible vehicles and buses with new diesel, alternate fueled or all-electric vehicles and buses.

### Government Owned - Funding Levels

- Diesel up to 25%
- Alternate fueled up to 40%
- All-electric and charging station up to 70%

### Non-Government Owned - Funding Levels

- Diesel and alternate fueled up to 25%
- All-electric and charging station up to 50%

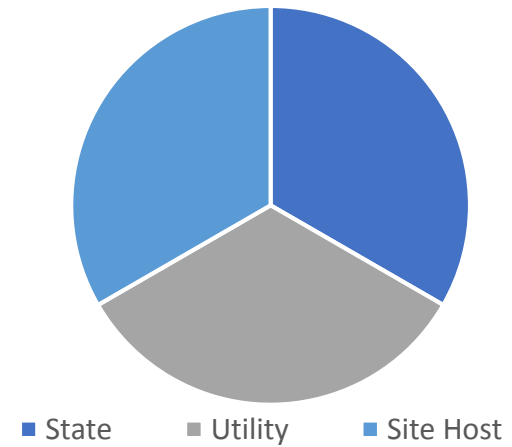
<b>Categories of Eligible Mitigation Actions</b>	<b>Funding Distribution</b>	<b>Percentage of Funds Allocated</b>
Class 4-8: Local Freight Vehicles (Eligible Medium and Large Trucks and Port Drayage Trucks), Shuttle Buses and Transit Buses	\$19,442,104.39	30%
Freight Switchers, Great Lakes Ferries/Tugs, Shore power, Port Cargo Handling Equipment and Forklifts, Airport Ground Support Equipment	\$16,201,753.66	25%
Class 4-8 School Buses	\$13,961,402.93	21.5%
Light-duty ZEV Supply Equipment	\$9,721,052.19	15%
Diesel Emission Reduction Act (DERA) Option	\$0	0%
Program Administration	\$5,480,701.46	8.5%
<b>Total</b>	<b>\$64,807,014.63</b>	<b>100%</b>

**Table 1: Eligible Mitigation Action Allocations**

# Charge Up Michigan

# Charge Up Michigan

EV Charger Infrastructure Cost



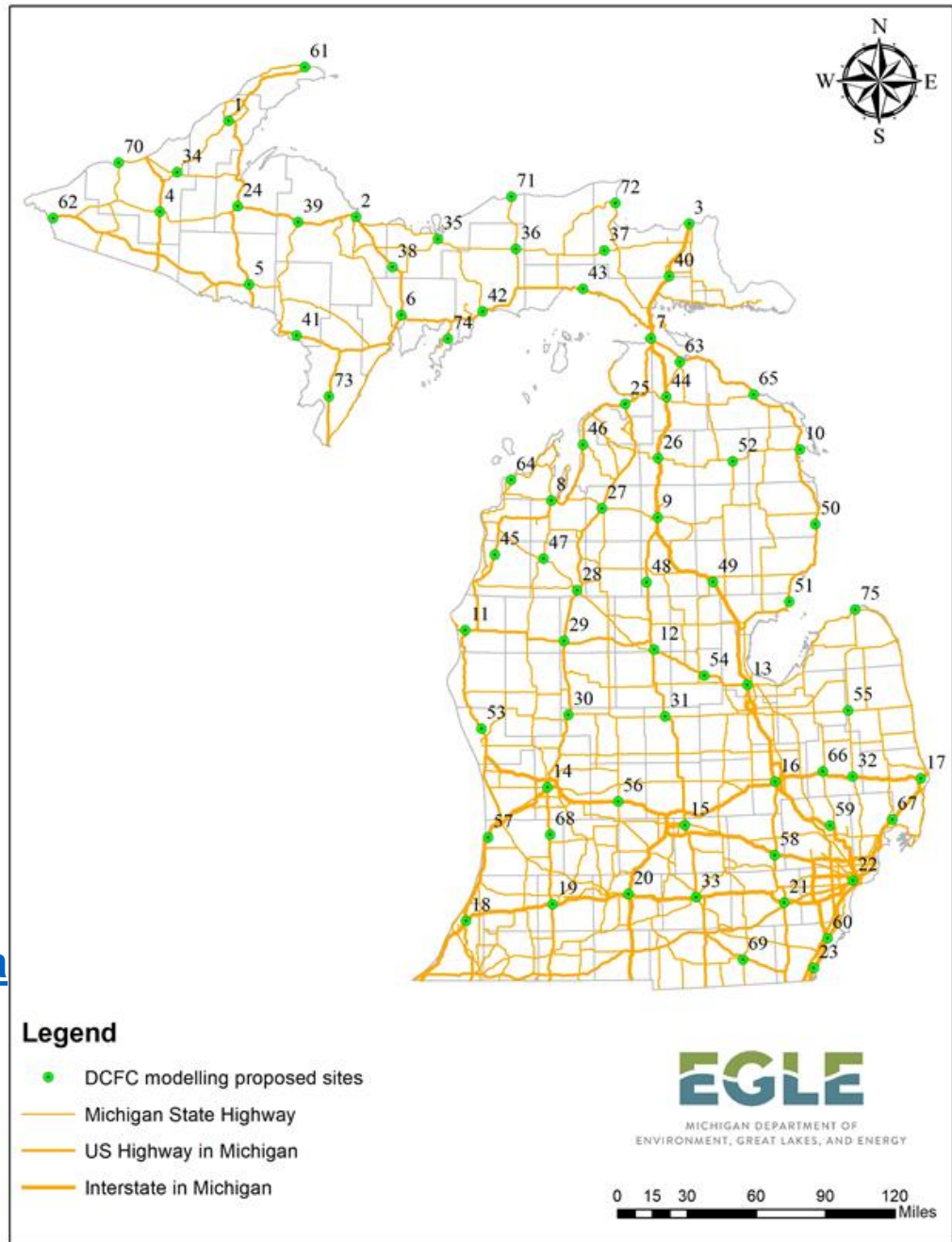
# EV Charger Infrastructure in Michigan

MSU study shows optimal locations for EV chargers.

Funds available until they are used.

Apply at

[https://www.michigan.gov/climateandenergy/0,4580,7-364-85453\\_85455-487842--,00.html](https://www.michigan.gov/climateandenergy/0,4580,7-364-85453_85455-487842--,00.html)





# EGLE Sustainability Section Transportation Program Contacts

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## Fuel Transformation Program (FTP)

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## Charge Up Michigan

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/climateandenergy/0,4580,  
7-364-85453\\_85455-  
487842--,00.html](https://www.michigan.gov/climateandenergy/0,4580,7-364-85453_85455-487842--,00.html)