

Maine VW Eligible Mitigation Actions (EMA) 1-8 (non-DEIRA options)

Prepared by MaineDOT, April 2018

1. Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks); Class 4-7 Local Freight Trucks (Eligible Medium Trucks) For, 1) Beneficiaries that have State Regulations that already require upgrades to 1992-2009 engine model year trucks at the time of the proposed EMA, and 2) Eligible trucks shall also include 2010-2012 engine model year trucks.

Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new diesel or alternate fueled engine, MY (model year) in which the EMA occurs or one engine model year prior	1992-2009	40%	80%
Engine replacement with new all-electric engine, engine MY in which the EMA occurs or one engine MY prior	1992-2009	75%	80%
Vehicle replacement with new diesel or alternate fueled vehicle, engine MY in which the EMA occurs or one engine MY prior	1992-2009	25% (50% for Drayage)	80%
Vehicle Replacement with all-electric vehicle, engine MY in which the EMA occurs or one engine MY prior	1992-2009	75%	80%

2. Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)

For, 1) Beneficiaries that have state regulations that already require upgrades to 1992-2009 engine model year buses at the time of the proposed EMA, and 2) eligible buses shall also include 2010-2012 engine model year class 4-8 school buses, shuttle buses, or transit buses.

Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new diesel or alternate fueled engine, MY (model year) in which the EMA occurs or one engine model year prior	2009 or older	40%	80%
Engine replacement with new all-electric engine, engine MY in which the EMA occurs or one engine MY prior	2009 or older	75%	80%
Vehicle replacement with new diesel or alternate fueled vehicle, engine MY in which the EMA occurs or one engine MY prior	2009 or older	25%	80%
Vehicle Replacement with all-electric vehicle, engine MY in which the EMA occurs or one engine MY prior	2009 or older	75%	80%

3. Freight Switchers			
Must currently operate 1000+ hours per year.			
Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new diesel or alternate fueled engine or generator sets that are EPA certified for the engine in which the EMA occurs	Pre-Tier 4	40%	80%
Engine replacement with new all-electric engine	Pre-Tier 4	75%	80%
Locomotive replacement with new diesel or alternate fueled freight switcher that is EPA certified for the engine MY in which the EMA occurs	Pre-Tier 4	25%	80%
Locomotive replacement with new all-electric freight switcher	Pre-Tier 4	75%	80%

4. Ferries and Tugs			
Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new Tier 3 or 4 diesel or alternate fueled engine	Pre-Tier 3	40%	80%
Engine replacement with new all-electric engine	Pre-Tier 3	75%	80%
Certified remanufacture system or verified engine upgrade	Pre-Tier 3	40%	80%

5. Ocean Going Vessels (OGV) Shore Power			
Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Costs associated with shore-side system	n/a	25%	80%

6. Airport Ground Support Equipment (GSE)
 Tier 0, 1, or 2 diesel powered airport GSE and uncertified, or certified to 3 g/bhp-hr or higher emissions, spark ignition powered airport GSE

Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new all-electric engine	Pre-Tier 3 diesel; 3g/bhp-hr and higher spark ignition	75%	80%
Equipment replacement with new all-electric equipment		75%	80%

7. Forklifts and Port Cargo Handling Equipment
 Greater than 8000 pounds lift capacity

Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Engine replacement with new all-electric engine	Greater than 8000 pounds lift capacity	75%	80%
Equipment replacement with new all-electric equipment		75%	80%

8. Light Duty Zero Emission Vehicle Supply Equipment (EVSE)
 Level 1, Level 2 or fast-charging equipment (or analogous successor technologies) that is located in a public place, workplace, or multi-unit dwelling and is not located at a private residential dwelling that is not a multi-unit dwelling.

Activity	Vehicle and Equipment Eligibility (Engine Model Year or Tier)	Trust Funding Limits	
		Non-government Owned	Government Owned
Purchase, install, and maintain eligible light-duty EVSE that will be available to the public	Level 1, Level 2 or fast-charging equipment (or analogous successor technologies)	80%	100%
Purchase, install, and maintain eligible light-duty EVSE that will be available at a workplace or a multi-unit dwelling, but not to the general public		60%	n/a