

Fact Sheet

Eligible Mitigation Actions

Eligible Mitigation Actions are those projects that are eligible for funding. These projects are limited to actual and necessary costs incurred for the purchase of the following mitigation actions:

1. **Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks)** – Includes vehicles with engine model year 2009-1992, repowered with any new diesel or alternate fueled engine or all-electric engine, or replaced with any new diesel or alternate fueled or all-electric vehicle, with the engine model year in which the eligible large trucks mitigation action occurs or newer;
2. **Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses)** – Includes vehicles with engine model year 2009 – 1992, repowered with any new diesel or alternate fueled or all-electric engine, or replaced with any new diesel, alternate fueled, or all-electric vehicle, with the engine model year in which the eligible bus mitigation action occurs or newer ;
3. **Freight Switchers** – Includes Pre-Tier 4 locomotives that operate 1000 or more hours per year repowered with any new diesel or alternate fueled or all-electric freight switcher certified to meet applicable EPA emissions standards;
4. **Ferries/Tugs** – Includes unregulated, Tier 1 or Tier 2 marine engines on ferries or tugs repowered with Tier 3, Tier 4, alternate fueled, or all-electric engine, or upgraded with an EPA certified remanufacture system or an EPA verified engine upgrade ;
5. **Ocean Going Vessels (OGV) Shorepower** – Includes marine shore power systems or components of such systems that enable a compatible vessel’s main and auxiliary engines to remain off while the vessel is at berth. Components eligible for reimbursement are limited to: cables, cable management systems, shore power coupler systems, distribution control systems, and power distribution. Subject marine shore power systems comply with international shore power design standards (ISO/IEC/IEEE 80005-1-2012 high voltage shore connection systems or the IEC/PAS 80005-3:2014 low voltage shore connection systems) and are supplied with power sourced from the local utility grid;
6. **Class 4-7 Local Freight Trucks (Medium Trucks)** – Includes vehicles with engine model year 1992-2009 repowered with a new diesel, alternate fueled, or all-electric engine, or replaced with any new diesel, alternate fueled, or all-electric vehicle, with the engine model year in which the eligible medium trucks mitigation action occurs or one engine model year prior;
7. **Airport Ground Support Equipment** – Includes Tier 0, Tier 1, or Tier 2 diesel powered airport ground support equipment; and uncertified or certified to 3 g/bhp-hr or higher emissions spark ignition engine powered airport ground support equipment repowered with an all-electric engine, or replaced with the same airport ground support equipment in an all-electric form ; and
8. **Forklifts and Port Cargo Handling Equipment** - Forklifts with greater than 8000 pounds (lbs.) of lift capacity and port cargo handling equipment repowered with an all-electric engine, or replaced with the same equipment in an all-electric form.

Cost Share

Each eligible mitigation action and activity is associated with the following cost share:

Eligible Mitigation Action	Activity	VW Cost Share	Applicant Cost Share
Class 8 Local Freight Trucks and Port Drayage Trucks (Eligible Large Trucks) & Class 4-7 Local Freight Trucks (Eligible Medium Trucks) (Model Year 1992 – 2009)	Engine replacement with new diesel or alternate fueled engine	40%	60%
	Engine replacement with new all-electric engine	60%	40%
	Vehicle replacement with new diesel or alternate fueled vehicle	25% (50% for Drayage)	75% (50% for Drayage)
	Vehicle Replacement with all-electric vehicle	45%	55%
Class 4-8 School Bus, Shuttle Bus, or Transit Bus (Eligible Buses) (Model Year 2009 and older)	Engine replacement with new diesel or alternate fueled engine	40%	60%
	Engine replacement with new all-electric engine	60%	40%
	Vehicle replacement with new diesel or alternate fueled vehicle	25%	75%
	Vehicle Replacement with all-electric vehicle	45%	55%
Freight Switchers (Pre-Tier 4)	Engine replacement with new diesel or alternate fueled engine or generator sets that are EPA certified	40%	60%
	Engine replacement with new all-electric engine	60%	40%
	Locomotive replacement with new diesel or alternate fueled freight switcher that is EPA certified	25%	75%
	Locomotive replacement with new all-electric freight switcher	45%	55%
Ferries/Tugs (Pre-Tier 3)	Engine replacement with new Tier 3 or 4 diesel or alternate fueled engine	40%	60%
	Engine replacement with new all-electric engine	60%	40%
	Certified Remanufacture System or Verified Engine Upgrade	40%	60%
Ocean Going Vessels	Costs associated with shore-side system	25%	75%
Airport Ground Support Equipment (Pre-Tier 3)	Engine replacement with new all-electric engine	60%	40%
Forklifts and Port Cargo Handling Equipment (800+ lbs. capacity)	Equipment replacement with new all-electric equipment	45%	55%