



# **Clean Off-Road Equipment Voucher Incentive Project (CORE)**

**April 27, 2023**

# CORE Overview

First come – First served

Offset higher zero emission cost

CARB determines funding amounts

Stacking allowed and no scrappage required

Enhancements for infrastructure, small business, and DAC

# CORE Approved Funding Plan

- CARB approved \$273 million for zero emission off-road
  - \$77 million to fund the 2022 contingency list
- Remaining funding to this funding year.
- CHC, CHE, and rail
  - Increase funding to \$1 million per equipment

# CORE Heavy-Duty Off-Road Categories

- Terminal tractors
- Transport refrigeration units (TRU)
- Large forklifts
- Cargo handling equipment
- Specific airport GSE (cargo loaders, wide-body tugs)
- Railcar movers and freight locomotives
- Mobile and aircraft ground power units
- Mobile shore power cable mgt. systems and CHC shore-side supply equipment
- Construction equipment
- Agricultural equipment
- Commercial harbor craft

# CORE Heavy-Duty Updates

- All equipment must be 19kW or greater
- Removed business days, changed to calendar days
- MPU/GPU must be 40kWh or greater
- Total funding not 20%, per category,
- Added inductive charging
- Government and public agencies must submit a PO within 365 calendar days
- \$10 million set aside for small business, first 180 days.

# CORE Forklift Updates

Table 3: Large Forklifts		Amount (\$)
Base Voucher	New Forklift 8,001-12,000 Pound Lift Capacity	\$15,000
	New Forklift 12,001-20,000 Pound Lift Capacity	\$20,000
	New Forklift 20,001- 29,999 Pound Lift Capacity	\$90,000
	New Forklift 30,000-34,000 Pound Lift Capacity (@24" Load Center)	\$120,000
	New Forklift 34,001-36,000 Pound Lift Capacity (@24" Load Center)	\$190,000
	New Forklift 34,001-36,000 Pound Lift Capacity (@36" Load Center)	\$220,000
	New Forklift 34,001-36,000 Pound Lift Capacity (@48" Load Center)	\$240,000
	New Forklift Lift Capacity > 36,001 Pounds	Up to \$500,000

# CORE CHC Updates

- \$1 million per vessel
- Use letter of intent in lieu of purchase order (PO)
- CHC must provide a PO within 730 calendar days
  - Provide the hull identification number, unique ID.
  - Expected delivery date
- No renewal beyond 32 months (945 calendar days)

# CORE CHC Infrastructure Updates

<b>Table 10: Commercial Harbor Craft Shore Energy Storage System Base Voucher</b>	<b>Amount (\$)</b>
<99kW Shore Power Base Voucher	\$75,000
>99kW Zero Emission Advanced Technology Charging Infrastructure Base Voucher	\$100,000
Hydrogen Fueling	\$100,000
Infrastructure Enhancement	Not Applicable



# Contact Information

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