



# Marine Vessels & Ship-Side Shore Power

CARL MOYER PROGRAM 2020



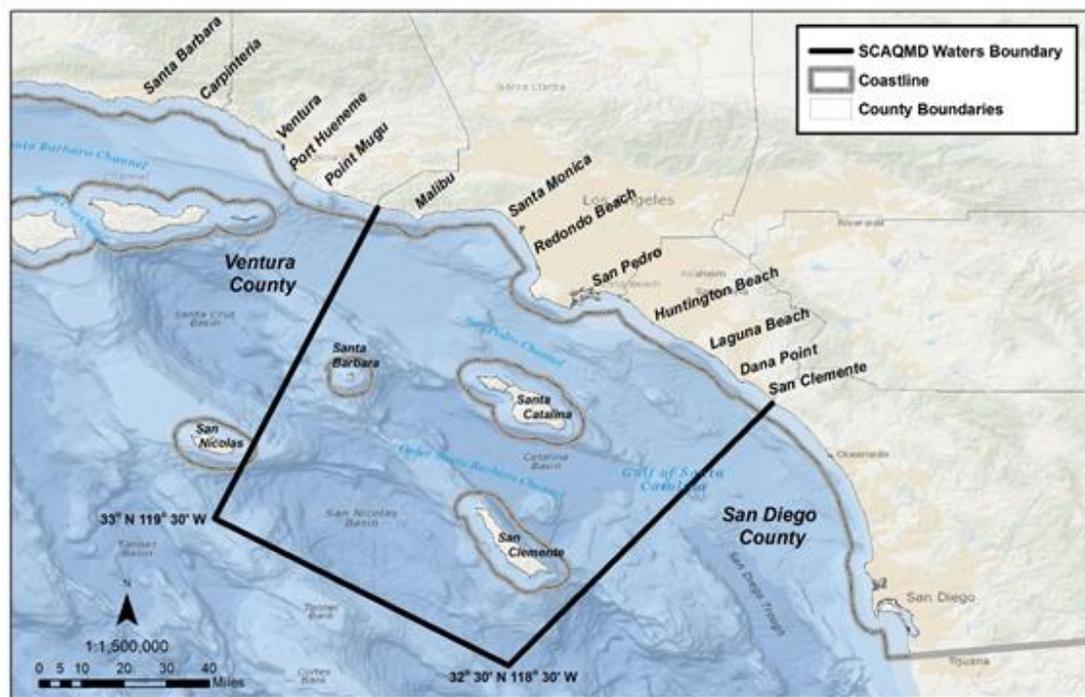
# Marine Vessels

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# Eligible Projects & Requirements



Repower existing engine with new engine

New engine must be Tier 3 or cleaner

Provide a minimum 15% reduction in NOx emissions

Vessel must operate 75% of time in South Coast AQMD waters



# Eligible Projects & Requirements (continued)



- ▶ Once a grant is awarded, electronic monitoring units must be installed on all marine vessels
- ▶ Proof of current vessel liability insurance must be annually submitted to South Coast AQMD and identify South Coast AQMD as "Loss Payee"
- ▶ Annual reports on vessel operation **MUST** be submitted for the term of the contract
- ▶ South Coast AQMD must receive notification prior to transfer of vessel ownership or if vessel is destroyed



Project Type	Subject to Commercial Harbor Craft (CHC) Regulation	Moyer Funding
Excursion, Ferries, Tug Boats, Tow Boats, Crew & Supply Boats, Barges & Dredge Engine Repowers	Yes CHC regulation (Must submit initial report)	Baseline engine Tier 2 compliant*
Fishing, Pilot, Work Boat Engine Repowers	No (Must submit initial report)	Not limited by regulation

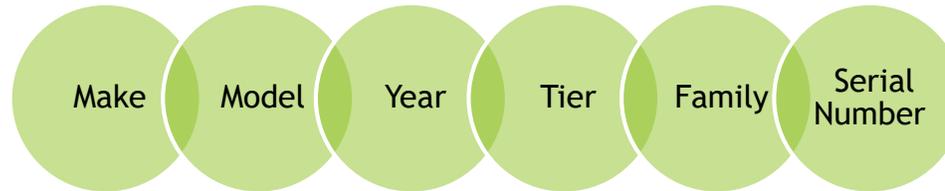
\*Please Note: Tier 0 And Tier 1 Are Not Eligible For Funding

# Marine Vessel Project Types

# Marine Pre-Inspection Requirements

Projects **MUST** be pre-inspected prior to any work commencing.

- ▶ Existing engines must be fully operational
- ▶ Have appropriate engine and chassis tags



- ▶ Must have a working non-resettable meter to verify hours claimed
- ▶ Must by EPA and ARB Certifications

**NOTE:** Failure to obtain a pre-inspection will result in contract cancellation and loss of awarded funding



# Marine Post/Destruction Inspection Requirements

## Post-Inspection

- ▶ The post-inspection verifies the new engine(s) are consistent with what was evaluated in the application
- ▶ It is the applicant's responsibility to contact the South Coast AQMD-assigned Project Officer to request a post-inspection
- ▶ Destruction inspection - verifies the old engine is **destroyed and rendered permanently unusable**

NOTE: All inspections must be conducted, and reports reviewed prior to payment of invoices





# Payment

- ▶ Pre, Post, and Destruction inspections completed and reports reviewed
- ▶ Invoice must include itemized costs for labor, parts & engine
- ▶ Installation labor cost is eligible for payment - include labor cost/hour and total hours on the invoice
- ▶ Direct payment to dealer or vendor is allowed with instructions from Contractor

# Contact Information

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# Ship-side Shore Power

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2020





# Eligible Projects & Funding Opportunities

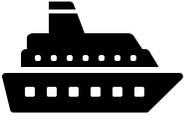
Ship-side shore power projects cover costs to retrofit to plug into shore power and install transformers for marine vessels

Eligible Costs	Ineligible Costs
Ship-side costs	Energy costs (fuel or electricity)
Up to 100% for on-board retrofit costs to plug into shore power	Shore power routine maintenance
Up to 50% of any necessary transformer costs on-board the vessel	Labor costs for connection and disconnection of the vessel



# Project Criteria

- ▶ Cannot be co-funded with Prop 1B Goods Movement Program funds
- ▶ Ship-side project must be on vessels that are NOT subject to the Shore Power Regulation
- ▶ Limited funding opportunities for Shore-side Power Projects
  - ▶ Please refer to Infrastructure Presentation



# Application

1

Applicant must be the marine vessel owner

2

Submit the most recent Vessel Plan

3

Identify the entire fleet roster and all California ports the fleet will be visiting

# Contact Information

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# APPLICATION DEADLINE

**TUESDAY JUNE 2, 2020 AT 1PM**

**APPLY ONLINE:**

<https://carlmoyeronline.aqmd.gov/>

**FOR PAPER APPLICATIONS:**

[www.aqmd.gov/moyer](http://www.aqmd.gov/moyer)

