



# FLORIDA DEPARTMENT OF Environmental Protection

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## Diesel Emissions Reduction Act Marine Vessel and Diesel Engine Replacement Application Worksheet

### Project Applicability:

This grant application worksheet is available for owners of marine vessels who wish to apply for partial reimbursement of whole vessel or engine replacement costs. This funding will be available for owners to replace their eligible marine vessel or marine diesel engines categorized as unregulated, Tier 1, Tier 2, or Tier 3, with a new marine vessel or marine diesel engines that meet current emissions standards. Eligibility requirements may be found in the U.S. Environmental Protection Agency’s (EPA) Diesel Emissions Reduction Act (DERA) [grant program guide](#). An excerpt table from the program guide showing current and replacement engine eligibility is shown below:

### Marine Engine and Vessel Replacement Eligibility (Highlighted in yellow)

Engine Category	Engine Horsepower	Current Engine Tier	Engine & Vessel Replacement				
			Compression Ignition			Spark Ignition (EMY 2019+)	Zero Emission <sup>2</sup>
			Tier 1-2	Tier 3	Tier 4		
C1, C2	<803	Unregulated – Tier 2	No	Yes	No	Yes	Yes
C1, C2	≥804	Unregulated – Tier 2	No	Yes <sup>1</sup>	Yes	Yes	Yes
C1, C2	<803	Tier 3	No	No	No	Yes	Yes
C1, C2	≥804	Tier 3	No	No	Yes	Yes	Yes
C3	All	Unregulated – Tier 2	No	Yes	No	No	No

<sup>1</sup>Tier 3 engines may be used for engine replacement only if Tier 4 is demonstrated to not be available or feasible through a best achievable technology analysis as defined in Section VIII.D.1 in the 2021 DERA Program Guide. Over 800 HP, Tier 3 engines are not eligible for full vessel replacement.

<sup>2</sup>Fuel cell engine and vessel replacements are not eligible.

No funds awarded under this program shall be used to replace marine engines that operate fewer than 1,000 hours during the two years prior to upgrade. Engine hours may be combined to reach the 1,000-hour threshold where two engines will be scrapped and replaced with a single engine.

### Project Description:

The Department of Environmental Protection (Department) intends to make this round of DERA funding available to owners who wish to replace an eligible marine vessel or marine diesel

engine with a new marine vessel or marine diesel engine. The Department will reimburse the owner up to 25 percent of the total cost of a marine vessel replacement or up to 40 percent of a marine diesel engine replacement. The Department is also placing a four (4) propulsion engine maximum per grant applicant during this round of funding.

As a condition of participating in this DERA project, the owner of the marine vessel must provide, to the Department, evidence that the owner has scrapped or permanently disabled the replaced vessel and/or engine within thirty (30) days of receipt of the new unit. Any owner of an eligible marine vessel and/or engine that submits this worksheet and enters into a grant agreement with the Department must complete the scope of work and submit all invoices and support materials to the Department within strict state budget and federal funding parameters.

The Department intends to make DERA funds available to all eligible applicants that submit this worksheet by Monday, September 27, 2021. Awards are subject to availability of funds as allocated under EPA’s DERA program and state budget authority. Priority will be given to projects that provide high emissions benefits, can be completed in a timely manner, and will encumber significant amounts of available funding. If the number of eligible projects submitted exceeds the available funding for this notice, the Department reserves the right to partner with applicants in the future. The Department reserves the right to reject any and all bids or accept minor irregularities in the best interest of the State of Florida. Marine vessel and marine diesel engine projects are only eligible for funding if the primary activity of the marine vessel is to provide services to one of Florida’s ports.

Once the Department has identified project partners for this round, the Department will prepare grant agreements specific to each project partner. Each grant agreement will include a detailed scope of work, timeline, and reimbursement schedule. All interested parties must complete and send this application worksheet to [VWMitigation@FloridaDEP.gov](mailto:VWMitigation@FloridaDEP.gov).

<b>Applicant Information – Marine Vessel and/or Engine Replacement Project</b>		
1) Applicant’s name:		
2) Authorized corporate officer or partner’s name:		
3) Street address:	4) City:	
5) State:	6) Zip:	7) County:
8) Mailing address if different than above:	9) City:	
10) State:	11) Zip:	12) County:
13) Email address:	14) Contact phone:	
15) Can the project be completed and invoiced by June 1, 2022?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

16) Is the project a whole vessel replacement or an engine only replacement? (Check one box to the right)		<input type="checkbox"/> Vessel	<input type="checkbox"/> Engine	
17) Please complete the following table requesting vessel and engine specific information:				
	Horsepower	Engine Model Year	Type of Vessel	Estimated Total Cost to Repower or Replace Vessel (per engine if repower – include labor)
1				
2				
3				
4				
			Total Cost:	
18) Does the intended project unit carry sufficient documentation to verify all requirements and information listed above? (Check one box to the right)		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
19) Based on the chart above titled “Marine Engine and Vessel Replacement Eligibility,” does your project meet the requirements outlined? (Check one box to the right)		<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Note: Please reference the 2021 DERA Grant Program Guide to determine if your diesel engine is eligible to be replaced