



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1127

1. **Project Title** Lake Worth Florida Ocean Current Energy: Phase 12. **Senate Sponsor** Lori Berman3. **Date of Request** 10/15/20194. **Project/Program Description**

Florida is the third largest electricity consumer in the nation. Creating new sources of electricity generation is critical for the future of the State. The Gulf Stream off the east coast of Florida provides an exciting new opportunity for the State to diversify its electric sources and become a leader in Ocean Current Energy technology. Florida Atlantic University, Southeast National Marine Renewable Energy Center and the City of Lake Worth Beach are in a joint collaborative initiative to create the nation's first test bed facility for ocean utility scale turbines to be tested with actual electricity being generated. Funding for Phase 1 will help to complete the ocean floor environmental impact study which is needed prior to final federal permit approval to lay cabling on the ocean floor.

5. **State Agency to receive requested funds** Department of Agriculture and Consumer ServicesState Agency contacted? ☒ Yes ☐ No6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	000
Fixed Capital Outlay	2,500,000
Total State Funds Requested	2,500,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	2500000	100.0 %
Matching Funds		
Federal	00	0 %
State (excluding the amount of this request)	00	0 %
Local	00	0 %
Other	00	0 %
Total Project Costs for Fiscal Year 2020-2021	2,500,000	100 %

8. **Has this project previously received state funding?** ☐ Yes ☒ No

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. **Is future-year funding likely to be requested?** ☐ Yes ☒ No

If yes, indicate nonrecurring amount per year.



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10. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study	Preliminary permitting planning and requirements, ocean floor cable engineering, shore connection site selection, marine survey of cable corridor	2,500,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		2,500,000



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11. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

Complete the engineering and design of the connection from the off-shore turbine field to an on-shore grid.

b. What activities and services will be provided to meet the intended purpose of these funds?

Preliminary permitting planning and requirements, ocean floor cable engineering, shore connection site selection, marine survey of cable corridor.

c. What direct services will be provided to citizens by the appropriation project?

Reduce reliance on foreign oil; Create jobs in south Florida coastal communities; Create a new industry manufacturing cluster in Florida; Reduce cost of electricity generation to all Florida residents.

d. Who is the target population served by this project? How many individuals are expected to be served?

Initially, southeast Florida. Eventually all of Florida. In the Future, the technology developed could be deployed in several Gulf Stream locations to benefit the southeast United States and the entire eastern seaboard.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

The City of Lake Worth Beach commissioned an economic analysis of the Ocean Energy Cluster by Fishkind & Associates based upon actual data provided by companies operating in the industry. At build-out, ongoing operation are expected to generate \$92.2 million per year. With a projected employment of 545 persons, \$42 million will be paid in annual wages. This does not account for co-located supply chain firms which will require additional land and building space.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?

Reduction in grant award funding.



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12. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A

13. Requestor Contact Information

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. Recipient Contact Information

- a. Organization
- b. Municipality and County
- c. Organization Type
- ☐ For-profit Entity
 - ☐ Non-Profit 501(c) (3)
 - ☐ Non-Profit 501(c) (4)
 - ☒ Local Entity
 - ☐ University or College
 - ☐ Other (please specify)
- d. First Name Last Name
- e. E-mail Address
- f. Phone Number

15. Lobbyist Contact Information

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.