



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1311

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. Project/Program Description

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 (SNMREC) is one of three research centers sanctioned by the Federal Department of Energy to harness the power of the ocean. The City of Lake Worth Beach with a municipal electric company must begin preparation to receive shore based connection between off-shore power generation to an on-shore grid. The City has entered into an Agreement with SNMREC to further development of such infrastructure.

5. **State Agency to receive requested funds**
- State Agency contacted?**

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	3,000,000
Fixed Capital Outlay	0
Total State Funds Requested	3,000,000

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	3,000,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	3,000,000	100%

8. **Has this project previously received state funding?**

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. **Is future funding likely to be requested?**
- a. **If yes, indicate nonrecurring amount per year.**
- b. **Describe the source of funding that can be used in lieu of state funding.**
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10. **Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?**



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No

If yes, indicate the amount of funds received and what the funds were used for.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	Preliminary permitting planning and requirements development, preliminary submarine cable engineering, shore connection site selection, preliminary marine survey, cable route/site selection, design and create offshore/onshore electrical connection.	3,000,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		3,000,000

12. Program Performance

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

Requested funds will prepare Florida for connection to an offshore marine electricity production, demonstration, and testing facility. The goal of this project is to plan and install a shore connection link to the electrical grid for ocean current energy technologies.

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

The following activities and services will be provided: engineering, survey, and permitting services, and construction services.

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

Citizens will receive access to offshore marine energy, regional economic growth, and increased global economic attention. The appropriation project will provide the following direct services to citizens with the development of a robust offshore renewables industry: • Reduce Florida's reliance on out-of-state power generation • Rely upon ocean terrain for power generation as opposed to onshore land resources • Revitalize shipyards, coastal industrial parks and shuttered naval bases • Create jobs in coastal communities • Allow the US to transfer technology to other countries, just as a country like Scotland is exporting its marine renewables know-how • Promote coastal planning that reflects the goals of bio-diversity that maximizes best comprehensive use of resources and capitalizes on synergy between offshore industries

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

The entire state of Florida and it's entire population.

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



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For the first time anywhere throughout the world, electricity will be generated from ocean current and delivered onshore to power electricity to homes and businesses.

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 the contract?

Reduction in grant award funding.

13. 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



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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. 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

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number



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Please complete the questions below for Water Projects only.

17. Have you applied for alternative state funding?

- Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify)
- N/A

18. What is the population economic status?

- Financially Disadvantaged Community (ch. 62-552, F.A.C)
- Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- Rural Area of Economic Concern
- Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- N/A

19. What is the status of construction?

Economic Impact Study completed by Fishkind & Associates.

20. What percentage of the construction has been completed?

Construction Plan has been developed by 3U Engineering Consultants.

21. What is the estimated completion date of construction?

09/01/2022