



FY 25 – 26 Multimodal Project
Discretionary Grant Application
Dirigo Atlantic Floating Offshore Wind Port
Sears Island, Maine



Project Mega Data Plan

FY25-26 Multimodal Project Discretionary Grant Program
Dirigo Atlantic Floating Offshore Wind Port
Maine Department of Transportation

MEGA Data Collection Plan

MaineDOT has developed an approach for the collection and analysis of data to identify and track the Project's outcomes and understand whether it performs as expected. Outlined below is the plan for the collection and analysis of data to identify the impacts of the Project and the accuracy of any forecast prepared during the development phase of the project and included in the grant application.

The contents of this Plan include:

- An approach to measuring impacts to proposed project outcome criteria as described in Section E of the NOFO; and
- An approach for analyzing the consistency of predicted impacts with actual outcomes.

This plan is divided into two sections, Section 1 outlining the approach to measuring impacts and Section 2 outlining an approach for analyzing the data to compare predicted impacts with actual outcomes.

Section 1: Measuring Impacts

Where not protected as confidential business information, MaineDOT will collect data the following data to track progress along three Mega Program criteria: Economic Impacts, Freight Movement and Job Creation; Climate Change, Resiliency and Environment; and Equity, Mobility Options, and Quality of Life.

For Criterion #3: Economic Impacts, Freight Movement, and Job Creation, MaineDOT will collect data on:

- Tonnage and quantity of deliveries of components delivered or manufactured at the Port by type (Blade, Nacelle, Floating Foundation)
- Number of individuals from Historically Disadvantaged Communities and Areas of Persistent Poverty in Maine gaining employment directly related to the construction project.

For Criterion #4: Climate Change, Resilience, and the Environment, MaineDOT will collect data on:

- Total assembled floating offshore turbines to be installed in GoM WEA
- Total floating offshore turbines installed in GoM WEA
- Total assembled floating offshore turbines to be installed in the research array lease area
- Total floating offshore turbines installed in research array lease area

For Criterion #5: Equity, Multimodal Options, and Quality of Life, MaineDOT will collect data on:

- Percent of construction jobs meeting the Maine Emerging Industry Compensation Threshold.
- Percent of construction jobs filled by residents of Maine

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- Percent of construction jobs filled through use of hiring hall
- Number of people who enroll and finish registered apprenticeships programs offered by contractors or subcontractors.

These identified measures leverage data that either the terminal operator would collect routinely to monitor the performance of its operations or the contractor will need to collect as a condition of L.D. 1895.

Section 2: Analyzing Data

In order to make the data collected through the identified performance measures actionable, MaineDOT has outlined the following schedule and methodology in order to compare the predicted impacts with the actual outcomes.

The data collection for all the performance measures except those related to the construction workforce of the port will start with the first quarter of operations. The data will be collected monthly and reported quarterly and annually for ease of analysis.

The construction workforce data collection will start once construction begins on the port and will be collected monthly and reported quarterly and annually for ease of analysis.

The construction workforce data will be collected for five calendar years after the start of construction. This time period is required by the MPDG program and will also coincide with the length of construction for the port. The collection of the performance measures not construction workforce related will also be collected for a five-calendar year period after the opening of the port.

The annual data for each performance measure will be reported to USDOT within 60 days of the new calendar year. Similarly, the quarterly data for each series will be reported to USDOT within 30 days of the close of each quarter (e.g., by April 30th of each year for Quarter 1 reports).

The overall trend for all performance measures except the construction workforce measures will be discussed in the context of internal and external factors of influence. For example, there could be a drop in assemblies and installations if a large storm disrupts operations in the Gulf of Maine.

The performance measures related to construction workforce will be reported by race, sex, ethnicity, and residential location to understand the Project's success in hiring from the local community as well as drawing from under-represented groups.

MaineDOT will provide a final report no later than six years after the date of substantial completion of the Project. The report will compare the baseline data to quarterly project data for the duration of the fifth year of the project after substantial completion.