

**MINUTES**  
**MASSACHUSETTS CLEAN ENERGY TECHNOLOGY CENTER**  
**BOARD MEETING**

**July 27, 2023**

**Attendees:**

**Directors:**

Secretary Rebecca Tepper (EEA), Chair  
Secretary Yvonne Hao (HED)  
Assistant Secretary Kaitlyn Connors (Designee of Secretary Matthew Gorzkowicz, A&F)  
Victoria Ireton (Designee of Secretary Lauren Jones, LWD)  
Dr. Ramprasad Balasubramanian (Designee of President of the University of Massachusetts Martin Meehan)  
Terry Moran (Executive Director, Massachusetts Workforce Alliance)  
Commissioner Elizabeth Mahony (DOER)  
Dr. John Cook (President, Springfield Technical Community College)  
Bob Haber (Principal, Proficio Capital Partners)  
Lisa Theriault (Manager of Business Development, IBEW Local/National Electrical Contractors Association)  
Rear Admiral Francis McDonald (President, Massachusetts Maritime Academy)  
Tom Galvin (Director, RESHydro)

**Staff:**

Jennifer Daloisio (CEO)  
John Hitt, Esq. (General Counsel and Secretary)  
Jaclyn Leslie (CFO and Treasurer)  
Alexandra Zaltman  
Galen Nelson  
Bruce Carlisle  
Hilary Flynn  
Connor Crowley, Esq.  
Michelle Beadle  
Daniel Gates  
Lauren Farnsworth  
Elijah Sinclair  
Sean Lyons  
Cassia Shuler  
Jennifer Robinson  
Orly Strobel  
Jordan Meier  
Anitra Ford  
Ha Pham

Nils Bolgen  
Susan Mlodozeniec  
Janel Granum  
Kathryn Niforos  
Tim Griffin  
Nahlia Yefet  
Abigail Malmud  
Justin Packs  
Ethan Handel  
Milia Chamas  
Rhys Webb  
Johanna Hunt  
Lauren Morimoto  
Megan Lieu  
Peter McPhee  
Elizabeth Youngblood  
Karl Adrianza  
Ngoc Tran  
Edward Hsieh  
Grace O'Connor  
George Blagdon  
Camilla Bacolod  
Julia Sucov  
Rachel Ackerman  
Jeremy Belknap  
Soumya Atnoor  
Jess Hiltz  
Karl Adrianza

**Others:** Ashley Stolba, Undersecretary of Economic Foundations (HED)  
Michael Judge, Undersecretary of Energy (EEA)  
Paul Cleary (Autonomous CRE+)  
Daniel Kroytor (RSM)

The one hundred-thirteenth (113<sup>th</sup>) meeting of the Massachusetts Clean Energy Technology Center (“MassCEC”) Board of Directors (the “Board”) was held on July 27, 2023 jointly at MassCEC’s office at 294 Washington Street, Boston, MA 02108 and via remote video conference. All participants could hear and be heard by each other throughout the meeting.

Seeing a quorum, Secretary Tepper called the meeting to order at 10:00 am.

**I. Adoption of the Meeting Minutes from the June 22, 2023 Meeting of the Massachusetts Clean Energy Center Board of Directors**

As the first order of business, the Board reviewed the draft minutes. Upon a motion made by Commissioner Mahony and seconded by Rear Admiral McDonald, the following roll call vote was taken at 10:01 am:

Secretary Tepper: Yea  
Commissioner Mahony: Yea  
Dr. Cook: Yea  
Mr. Galvin: Yea  
Mr. Haber: Yea  
Dr. Balasubramanian: Yea  
Undersecretary Stolba: Yea  
Rear Admiral McDonald: Yea  
Ms. Ireton: Yea  
Ms. Theriault: Yea  
Mr. Moran: Yea

With 11 yeas and 0 nays it was VOTED, without discussion or abstention, at 10:02 am:

**To adopt the Meeting Minutes from the June 22, 2023 Meeting of the MassCEC Board of Directors.**

**II. Update from Chair Secretary Rebecca Tepper and CEO Jennifer Daloisio Updates**

Secretary Tepper began by discussing MassCEC's recently published Clean Energy Workforce Needs Assessment, indicating it was a comprehensive, useful guide for MassCEC and the Commonwealth overall. Secretary Tepper also referenced the electric shuttle bus unveiling event at the Franklin Park Zoo she attended with Ms. Daloisio, highlighting the grant made by MassCEC as an example of a process that had faced challenges but resulted in giving an opportunity for accessibility to the Franklin Park Zoo through clean transportation from the Forest Hills T station to the Zoo.

Ms. Daloisio provided members of the Board with an overview of the agenda items for the meeting and referred members of the Board to her update email circulated prior to the meeting.

**III. MassCEC FY24 Goals**

Ms. Daloisio proceeded to note that, following the presentation at the last meeting regarding the FY24 budget, she wanted to provide members of the Board with a presentation regarding specific goals of the organization for FY24. Overall, Ms. Daloisio indicated the following priorities and details for how each would be achieved: (i) developing an economic development strategy for clean energy and climate technology; (ii) growing the clean energy workforce; (iii) identifying, applying for, and executing on federal funding opportunities; (iv) satisfying requirements of recent state legislation; (v) delivering world class offshore wind ports and infrastructure; and (vi) achieving FY24 target metrics.

[Secretary Hao joined at 10:04 am.]

Secretary Hao explained HED's statutory requirement to provide the Legislature with an economic development plan, and that MassCEC will play large role in the clean energy component of that plan, with the goal of eventually enacting the plan as law.

Members of the Board indicated their preference to receive updates on who MassCEC partners with on applications for federal funding. Ms. Daloisio referenced MassCEC's process of sharing its letters of support for entities pursuing federal funding to the Office of Climate Innovation and Resilience. Secretary Tepper indicated a preference for federal applications to consist of joint efforts between agencies in the Commonwealth where applicable.

#### **IV. Offshore Wind: Strategy, FY24 Authorization, Program Update**

Secretary Tepper then invited Bruce Carlisle, Managing Director of Offshore Wind, to present. Mr. Carlisle began by explaining the policy context of MassCEC's offshore wind activity, noting the Commonwealth's net zero by 2050 obligation, and the 5,600 MW of offshore wind generated electricity to be procured by 2027. Mr. Carlisle indicated offshore wind represents the majority of electric generation described in the 2050 CECP. Mr. Carlisle also noted relevant activity in the industry at the federal level, referencing the Biden-Harris Administration's national goal and leasing strategy for offshore wind, as well as 21 GW pipeline of offshore wind projects before the Bureau of Ocean Energy Management (BOEM).

Mr. Carlisle provided an overview of previous 83C procurements conducted within the Commonwealth and the current landscape regarding offshore wind projects in Massachusetts.

Mr. Carlisle then shifted to discussing opportunities for the industry, particularly relative to economic and supply chain development and expansion, workforce development, and research and innovation. Mr. Carlisle noted he was seeking authorization from the Board for the expenditure of \$7,700,000 dollars for MassCEC's Offshore Energy Program, which amount would be in addition to the Board's authorization in May authorization regarding the expenditure of ARPA funding.

Mr. Carlisle noted the Offshore Energy Program had three focus areas for FY24, including (i) planning, engagement, and studies, (ii) sector development (including port infrastructure and supply chain, and (iii) workforce development for the offshore wind industry. Mr. Carlisle proceeded to provide an overview of MassCEC's strategy, and FY24 priorities and outcomes for each of these areas.

Members of the Board proceeded to pose several questions and encouraged MassCEC to collaborate with other agencies in the Commonwealth when competing for federal opportunities, and to leverage prior experience with convening application teams and navigating application processes.

Upon a motion made by Secretary Hao and seconded by Rear Admiral McDonald, the following roll call vote was taken at 10:52 am:

Secretary Tepper: Yea

Commissioner Mahony: Yea  
Assistant Secretary Connors: Yea  
Dr. Cook: Yea  
Mr. Galvin: Yea  
Mr. Haber: Yea  
Dr. Balasubramanian: Yea  
Secretary Hao: Yea  
Rear Admiral McDonald: Yea  
Ms. Ireton: Yea  
Ms. Theriault: Yea  
Mr. Moran: Yea

With 12 yeas and 0 nays, it was unanimously VOTED, without further discussion or abstention, at 10:53 am:

**To authorize the expenditure of up to \$7,700,000 to for the Offshore Energy Program, and further to authorize MassCEC's Chief Executive Officer (i) to enter into contracts and issue individual awards under the program in a manner consistent with the staff memorandum and (ii) to make program modifications, including modifications to award levels, provided that such modifications are consistent with the program goals set forth in the staff memorandum.**

Mr. Carlisle then proceeded to give an update on the Offshore Wind Works Program, focused on workforce development and training grants, and the Ports Challenge, focused on maritime port redevelopment and improvement projects to assist the advance of the offshore wind industry and capture high-value supply chain and workforce opportunities. Mr. Carlisle also provided the Board with an overview of the status of the Ocean Renewable Energy Innovation Center, reiterating the objectives of this center, indicating staff were evaluating programs and financing requirements. Mr. Carlisle concluded by providing the Board with the metrics scorecard for the Offshore Energy Program for FY23.

[Dr. Cook departed the meeting at 10:53 am.]

[Commissioner Mahony departed the meeting at 10:58 am.]

#### **V. Offshore Wind Infrastructure: Terminal and WTTC Updates**

Ms. Daloisio then introduced Rahul Yarala, the Executive Director for the Wind Technology Testing Center ("WTTC"), to discuss the status of the WTTC and expansion plans. Mr. Yarala noted the WTTC is the only facility of its kind in the US, and one of six or seven in the world capable of testing utility-scale blades for offshore wind turbines. Mr. Yarala explained the customer base of original equipment manufacturers ("OEMs") the WTTC services and the suite of certification testing services the WTTC is capable of providing.

Mr. Yarala noted that the WTTC has had a strong three to four year period, financially, but noted that it is conceivable less testing services will be requested in coming years as OEMs focus on supply chain concerns. Mr. Yarala provided the Board with details regarding plans to

expand the footprint of the facility to permit testing of larger blades. Mr. Yarala explained that such plans would accommodate the size of blades anticipated to be used in the industry for the next 10-20 years, and that the need for physical testing beyond software simulations will likely remain a constant for the foreseeable future.

Mr. Carlisle then introduced Tim Griffin, Terminal Director, to present an update on the New Bedford Marine Commerce Terminal (the "Terminal"). Mr. Griffin explained that the Terminal is the first purpose-built offshore wind port in the US, designed based on European experience and with feedback from industry stakeholders. Mr. Griffin provided details on the structure of the Terminal permitting its high-load bearing capacity, as well as a description of how offshore wind project components arrive at the Terminal, are constructed onshore, and then shipped via feeder barges to developers' federal lease areas offshore. Mr. Griffin provided additional detail regarding the technical specifications of the Terminal, as well as some of the uses of the Terminal prior to occupancy by Vineyard Wind, MassCEC's first offshore wind developer tenant.

Mr. Carlisle proceeded to provide information regarding recent Terminal improvements, including redevelopment of the 80 Wright Street parcel. Mr. Griffin noted that Vineyard Wind's turbine component arrived in May and June. Mr. Griffin provided the basic terms of the lease with Vineyard Wind, and noted staff were in the process of closing out a lease amendment for Southcoast Wind and working with them to understand their construction needs at the Terminal. Mr. Griffin concluded by providing an outlook regarding: revenue and operating expenses for the Terminal, and potential future utilization and business development of the Terminal, soliciting input from offshore wind industry stakeholders to understand future port requirements.

## **VI. Executive Session**

Secretary Tepper indicated that the Board would then go into Executive Session for purpose 6 of Chapter 30A, Section 21 of the Massachusetts General Laws in order to consider matters relating to the potential purchase, exchange, lease, or value of real property. Secretary Tepper noted that the Board would not reconvene in Open Session upon conclusion of the Executive Session.

Upon a motion made by Rear Admiral McDonald and seconded by Ms. Theriault, the following roll call vote was taken at 11:42 am:

Secretary Tepper: Yea  
Assistant Secretary Connors: Yea  
Mr. Galvin: Yea  
Mr. Haber: Yea  
Dr. Balasubramanian: Yea  
Secretary Hao: Yea  
Rear Admiral McDonald: Yea  
Ms. Ireton: Yea  
Ms. Theriault: Yea  
Mr. Moran: Yea

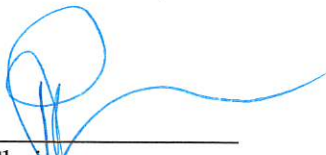
With 10 yeas and 0 nays, it was unanimously VOTED, without further discussion or abstention, at 11:43 am:

**To move into Executive Session for purpose 6 of Chapter 30A, Section 21 of the Massachusetts General Laws in order to consider matters relating to the potential purchase, exchange, lease, or value of real property.**

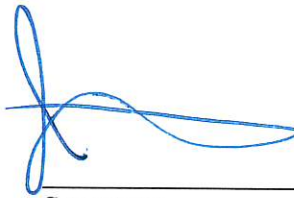
**VII. Adjourn.**

The board then engaged in a discussion of matters relating to the potential purchase, exchange, lease, or value of real property. The meeting was adjourned during Executive Session at 12:27 pm; the Board did not return to Public Session.

**To adjourn.**



Chair



Secretary

**Public Meeting Documents and Exhibits:**

Meeting Agenda

PowerPoint Presentation on FY24 Goals

PowerPoint Presentation on Offshore Wind Strategy, FY24 Authorization, and Program Update

PowerPoint Presentation on Offshore Wind Infrastructure: Terminal and WTTC Updates

