

MINUTES
MASSACHUSETTS CLEAN ENERGY TECHNOLOGY CENTER
BOARD MEETING

January 25, 2024

Attendees:

Directors:

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

Staff:

Dr. Emily Reichert (CEO)
Jaclyn Leslie (CFO and Treasurer)
John Hitt, Esq. (General Counsel and Secretary)
Connor Crowley, Esq. (Assistant Secretary)
Alexandra Zaltman
Galen Nelson
Bruce Carlisle
Hilary Flynn
Jennifer Applebaum
Nils Bolgen
Lena DeLuca, Esq.
Michelle Beadle
Daniel Gates
Cat Foley
Susan Stewart
Edward Hsieh

Jeremy Belknap
Daniel Koerner
Anitra Ford
Jess Hiltz
Caitlyn Green
Erica Hines
Tim Griffin
Nahlia Yefet
George Blagdon
Soumya Atnoor
Ngoc Tran
Stephanie Simmons
Ross Palley
Bethany Costanzo
Elijah Sinclair
Cassia Shuler
Jordan Meier
Sam Watters
Camilla Bacolod
Amy Barad
Lauren Farnsworth
Emily Pittsley
Jennifer Robinson
Grace O'Connor
Isabella McKinney
Erika McCarthy
Raija Vaisanen
Rhys Webb
Allison Markowski
Benjamin Christensen
Sarah Cullinan
Tamara Kamis
Tamara Schexnider
Rania Rahmoune
David Wilson
Livia Polise
Janel Granum
Justin Packs
Karl Adrianza
Sarah Kostecki
Veronika Koziel
Susan Mlodozieniec
Elizabeth Kennedy Cleveland
Dylan Lanza Desio

Other Attendees: Ashley Stolba, Undersecretary of Economic Foundations (EOED)
Daniel Kroytor (RSM)

The one hundred-seventeenth (117th) meeting of the Massachusetts Clean Energy Technology Center (“MassCEC”) Board of Directors (the “Board”) was held on January 25, 2024 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, Undersecretary Judge called the meeting to order at 10:02 am.

I. Adoption of the Meeting Minutes from the December 20, 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 Rear Admiral McDonald and seconded by Dr. Cook, the following roll call vote was taken at 10:02 am:

Undersecretary Judge: Yea
Commissioner Mahony: Yea
Dr. Cook: Yea
Mr. Moran: Yea
Assistant Secretary Connors: Yea
Rear Admiral McDonald: Yea
Dr. Balasubramanian: Yea
Ms. Theriault: Yea
Ms. Kelly: Yea

With 9 yeas and 0 nays, it was unanimously VOTED, without further discussion or abstention, at 10:03 am:

To adopt the Meeting Minutes from the December 20, 2023 Meeting of the MassCEC Board of Directors.

II. Update from Chair Undersecretary Michael Judge and CEO Dr. Emily Reichert

Undersecretary Judge opened the meeting by discussing the Governor’s State of the Commonwealth address that highlighted the climatetech industry, and the goal to be a leader in establishing a climate corridor for businesses to start and grow in the Commonwealth. Undersecretary Judge stressed the deployment of qualified HVAC technicians to be led by DOER in conjunction with MassCEC and noted that he was happy to see the Governor highlighting the important work that MassCEC is doing – in particular, that several turbines in the Vineyard Wind project area are now operational and delivering power to the grid. This has been a long time coming and is a big moment for the state, as Vineyard Wind is now the largest operating wind farm in the country that can provide enough power for ~4,000 homes.

Dr. Reichert welcomed everyone to the first Board meeting of the year and provided an update on the budget that the Governor released for FY25, which included \$30 million for MassCEC, marking the second year of MassCEC’s inclusion in the state budget process. Dr. Reichert also provided an overview of the draft work span regarding four areas of climate impact being undertaken at MassCEC: (i) climatetech innovation and investment; (ii) decarbonization

pilot testing and demonstration; (iii) large scale deployment of offshore wind; and (iv) clean energy and climate workforce development.

III. Clean Transportation: Strategy, Authorization, and Program Update

Undersecretary Judge invited Rachel Ackerman, MassCEC's Program Director of the Clean Transportation team to discuss the strategy, authorization, and program updates for the Clean Transportation program.

Ms. Ackerman provided an overview of the opportunity for emissions reductions in the transportation sector. She noted that because transportation is the largest emitting sector of GHG emissions in the state, it is an important focus area of MassCEC's decarbonization efforts.

Ms. Ackerman noted that MassCEC's programming is guided by the Commonwealth's 2030 and 2050 Clean Energy and Climate Plans. The transportation sector is still on track to meet its goals for 2030, but continued programming and interventions are still needed to satisfy the 2030 and 2050 goals. Ms. Ackerman explained that a decarbonized transportation system will require approaches to transition both vehicles and people, which will involve educating and training consumers and minimizing costs and barriers to access. Ms. Ackerman then highlighted some of the challenges that the state needs to overcome from the MA Climate Report Card that will be taken into account during MassCEC's program development.

Ms. Ackerman discussed that the program development process is based on a data-centered analysis that prioritizes stakeholder outreach. The Clean Transportation team does sector mapping and market barrier identification, sector prioritization, market intervention approaches, and program development, approval, and administration.

Ms. Ackerman discussed that the goal is to bridge the gap between technological innovation to mass adoption. In general, the program team approaches this through providing grants and technical support, collaborating with other state entities, the utilities, market actors, and assisting with informing the policy landscape.

Ms. Ackerman then introduced a new program suite funded by and developed in response to recommendations from the Electric Vehicle Infrastructure Coordinating Council (EVICC), which is an entity authorized and funded by the legislature to ensure a holistic, coordinated, and comprehensive deployment of EV charging infrastructure.

Ms. Ackerman indicated that MassCEC's program areas will include V2X demonstration projects (bidirectional vehicle charging), electrifying ride-for-hire, medium and heavy-duty electrification, and on-street charging solutions. Ms. Ackerman noted that the recipients of funding are expected to include consultants, municipalities, fleet owners, and regional planning organizations. Ms. Ackerman provided a brief overview of the scope of each of the four (4) program areas she identified, as well as intended outcomes and long-term impacts, such as spurring adoption, reducing costs, and increasing technological deployment.

A discussion amongst members of the Board ensued regarding the challenges of equitable community distribution and commending the work of the clean transportation team.

Ms. Ackerman then provided an overview of the status of MassCEC's ongoing Clean Transportation programs along with its overall budget, including prior authorizations and the \$37 million requested.

Upon a motion made by Dr. Cook and seconded by Rear Admiral McDonald, the following roll call vote was taken at 11:00 am:

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

With 11 yeas and 0 nays, it was unanimously VOTED, without further discussion or abstention, at 11:00 am:

To authorize the expenditure of up to \$37,000,000 for the Clean Transportation 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.

[Secretary Tepper and Secretary Hao joined at 11:01am]

IV. Executive Session

Undersecretary Judge 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, as well as purpose 7 of Chapter 30A, Section 21 of the Massachusetts General Laws in order to discuss trade secrets or commercial or financial information regarding applicants to MassCEC for assistance, which information is confidential pursuant to Chapter 23J, Section 2(k).

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 Dr. Cook, the following roll call vote was taken at 11:03 am:

Commissioner Mahony: Yea
Mr. Galvin: Yea
Mr. Haber: Yea
Dr. Cook: Yea
Mr. Moran: Yea
Assistant Secretary Connors: Yea

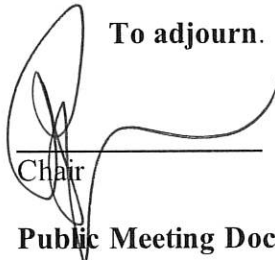
Rear Admiral McDonald: Yea
Dr. Balasubramanian: Yea
Ms. Theriault: Yea
Ms. Kelly: Yea

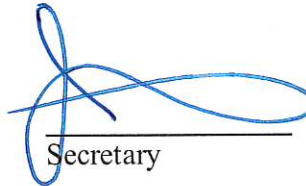
With 10 yeas and 0 nays, it was unanimously VOTED, without further discussion or abstention, at 11:03 am:

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, as well as purpose 7 of Chapter 30A, Section 21 of the Massachusetts General Laws in order to discuss trade secrets or commercial or financial information regarding applicants to MassCEC for assistance, which information is confidential pursuant to Chapter 23J, Section 2(k).

V. 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 11:53am; the Board did not return to Public Session.

To adjourn.

Chair


Secretary

Public Meeting Documents and Exhibits:

Meeting Agenda

PowerPoint Presentation on Update from Chair Secretary Rebecca Tepper and CEO Dr. Emily Reichert

PowerPoint Presentation on Clean Transportation: Strategy, Authorization, and Program Update