



# Marine Energy Council (MEC) Member Meeting

April 4, 2023

# MEC Strategic Plan

## **Mission**

Promote the commercialization and rapid growth of the Marine Energy sector.

## **Guiding Values**

- The MEC will promote diversity, equity, and inclusion values in all activities.
- The MEC will implement its vision and mission in alignment with the NHA vision and mission, with transparency, professionalism, and integrity.
- The MEC supports a responsible approach to Marine Energy sector development aimed at a balance of environmental stewardship, market development, and community benefit.

## **Goals**

The MEC's primary goal is to provide effective relevant, diverse, and inclusive advocacy for the U.S. Marine Energy Sector and to deliver:

- Effective Advocacy and Public Support for the U.S. Marine Energy Sector.
- Targeted Federal Policies and Increased Investments for Development and Commercialization of Marine Energy Systems.
- A Dominant U.S. Marine Energy Sector in Domestic and Global Markets.

# Agenda Topics

- DC Update
- MEC Working Group Report Outs
- University Marine Energy Community (UMERC)
- TEAMER Update
- NHA Announcements



# DC Update

- FY 2024 Budget Request for Marine Energy Program - \$105 mil (13% cut from FY 2023)
- Rep.'s Bonamici and Pingree's annual Water Power funding letter - programmatic Water Power request of \$206,000,000 for FY 2024. Thanks to our MEC member efforts, we had **36** representatives sign onto this letter.
- Office of Clean Energy Demonstrations
  - Energizing Rural Communities Prize Phase 1 is open – more information [HERE](#)
  - \$300 mil FOA released – more information [HERE](#)
- Notice of Intent from WPTO on \$45,000,000 Tidal Energy Advancement FOA.
- Looking forward to advancing the discussion with WPTO on program priorities and investments initiated with meetings at DOE in December.



# MEC Working Groups Leads



MEC Working Groups are open to ALL MEC members. Contact Kelly at [Kelly@hydro.org](mailto:Kelly@hydro.org) to sign up!

## **Vision Working Group**

Reenst Lesemann, C-Power

Jason Busch, POET

Gabe Alsenas, Florida Atlantic University

## **Regulatory Affairs Working Group**

Tim Acker, Biosonics

Mike Murphy, WSP

## **Marine Energy Priorities Working Group**

Jonathan Colby, Streamwise Development

Walter Schurtenberger, Hydrokinetic Energy Corp.

## **Legislative Affairs Working Group**

George Bonner, North Carolina State University

Chris Lee, Tidal Energy Corp

Kristi Terrasa, C-Power

# Working Group Updates

## Vision

Continued progress on a follow-up document to the DOE WPTO continuing the discussion of usage of federal funds for advancing the marine energy sector

## Legislative Affairs

- Developing a long-term calendar for advocacy to give MEC membership advance notice when actions are needed
- Discussing development of a wave and tidal bill, **similar to what is happening in CA** and NJ, that could be a model for states

## Regulatory Affairs

- The team is working on recommend changes/additions to the regulatory language, similar to small hydro exemption for small demonstration projects.
- The mission is to produce benefits for the industry that do not increase the burden for getting devices in the water.

## Marine Energy Priorities

The DRAFT Second Edition of the Marine Energy Priorities Position Paper is ready for membership review. See the Draft **HERE** Send comments or edits to [kelly@hydro.org](mailto:kelly@hydro.org)



## Upcoming UMERC Events

- **MBARI Seminar - Energy Harvesting for the Persistent Presence of Oceanographic Instrumentation**
  - April 12, 2023 – 10:00am Pacific
  - Although many insights into marine processes can be gained by deploying battery-powered oceanographic instrumentation, energy remains a limitation to creating a persistent presence of such equipment, thereby impeding a full understanding of the biological, chemical and physical interactions in the ocean. Harvesting energy from the environment, for example from solar, heat, and wave-energy resources, along with additional technologies of autonomy, reliability, communication, and energy-transfer can increase the capability and duration of oceanographic instrumentation. Due the complexity of energy converter designs, however, these are extremely challenging technologies to develop for the ocean environment. This presentation will outline some of MBARI's efforts to meet these challenges. In particular, a description of wave-energy harvesting installations in Monterey Bay that are currently powering an Imaging Flow Cytobot will be presented, along with a number of other projects.
  - Register here! <https://umerc-us.org/events/42036>
- **Invite only technology developer state of the art brainstorm workshop**
  - Water Power Week – May 10 from 8:00am – 1:00pm
  - Invites have been sent out
    - Follow-up workshop at the UMERC Conference
- **UMERC Conference**
  - Oct 4-6, 2023
  - Hosted by University of New Hampshire, Durham, New Hampshire
  - Focus on industry-academic collaborations
  - Apply for Travel and Registration support!
  - Call for Abstracts and Registration is OPEN! –
  - All information can be found on the UMERC Portal: <https://umerc-us.org/events/38434>

# Testing Expertise and Access for Marine Energy Research (TEAMER) Program

- Provides technology developers and researchers access to the nation's best testing and expertise facilities
  - Now supporting 100+ RFTS's!!
- Requests for Technical Support (RFTS) available every three to four months through 2024
  - Applications for RFTS 10 due no later than July 10, 2023
  - Open-Water RFTS applications accepted at any time
  - <https://teamer-us.org/how-to-apply/>





# NHA Announcements

- MEC Featured Presentation –April 18 at 3:00 PM ET
  - Tide Mill Institute will be presenting on their database and providing information on how historic tide mills could work with marine energy technologies
- Waterpower Week in Washington, DC May 8-10
  - The next few slides highlight marine energy sessions you would benefit from
- Clean Currents in Cincinnati, OH October 10-13 – [Call for Speakers ends April 15](#)

# Slated Presenters for Marine Energy Sector Showcase

Monday, May 8 at 9 – 10 AM at the Capital Hilton (1001 16th Street NW, Washington, DC 20036)

If you are interested in presenting, please contact [Kelly@hydro.org](mailto:Kelly@hydro.org).

- Tim Acker, BioSonics
- George Bonner, Coastal Studies Institute
- Bruce Bauchmire, DLZ Corporation
- Stuart Davies, ORPC
- Sarah Henkel, PMEC
- Joe Klein and Luis Nunez, Verdant Power
- Chris Lee, Tidal Energy Corp
- Dan Petcovic, CalWave Technologies
- Samantha Quinn, POET, UMERC and TEAMER
- Trey Taylor and Ron Smith, Anchor Coalition
- Kristi Terrasa, C-Power
- Walter Schurtenberger, Hydrokinetic Energy Corp



Thank you for joining the NHA MEC Monthly Member Call!

See you on **April 18 at 3:00 PM ET** for the next in the “Featured Presentation” series.

See you on **May 8 at 10:15 AM ET** for our in-person MEC Member Meeting at Waterpower Week in Washington, DC!

