



# Marine Energy Council (MEC) Member Meeting

February 7, 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

- Welcome & New Member/Guest Introductions
- 2022 in Review
- Washington, DC Update for 2023
- December DOE Meetings Report-out
- MEC Working Group Report Outs
- University Marine Energy Community (UMERC)
- TEAMER Update
- NHA Announcements
- Member Meetup



# 2022 In Review

- Inflation Reduction Act's passage in August 2022 - Included incentives for marine energy under the Production Tax Credit (PTC) and lowered the qualifying threshold for the PTC from 150 kW to 25 kW. Waiting for guidance from Treasury on the implementation of the IRA.
- 2023 appropriations agreement reached the end of December 2022
  - In total, the WPTO is funded at \$179,000,000 – a record funding level. FY 2022 was \$162,000,000.
  - The marine energy program receives not less than \$120,000,000 – a record amount. FY 2022 was \$112,000,000.
  - Navy RDT&E - \$25M – Marine energy systems for sensors and microgrids.
- 10 MEC representatives came to DC Dec 14-16 to meet with 3 different DOE offices.
- Filed comments with OCED on their ERA Program and the DOE Hydrogen Office's Roadmap



# DC Update – Looking Forward in 2023

- FY 2024 Appropriations
- Building on the momentum from the December DOE meetings to socialize a funding approach which was presented to the DOE
- OCED has announced its Energizing Rural Communities Prize - Phase 1 opening in March. This is a prize which will be awarding \$15 million to 90 projects
- Notice of Intent from WPTO on \$45 mil Tidal Energy Advancement FOA
- February 24 is deadline for WPTO FOA final application, "Marine Energy Innovations at Sea" - focused on desalination



# December DOE Meetings

Reenst Lesemann with C-Power to provide report-out on the 10 MEC representatives coming to DC December 14-16 for meetings with the Department of Energy.



# 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

## **Industry 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

# UMERC Plans for 2023

- **UMERC Conference**
  - **Oct 4-6, 2023**
  - **Hosted by University of New Hampshire**
  - **Durham, New Hampshire**
  - **Focus on industry-academic collaborations**
  - **Call for Abstracts opening soon!**
- **Invite only technology developer state of the art brainstorm workshop**
  - **Water Power Week**
- **MBARI Seminar**
  - **Tentatively April 12, 2023**
- **Data Sharing Workshop**





# 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 9 due no later than March 3, 2023
  - Open-Water RFTS applications accepted at any time
  - <https://teamer-us.org/how-to-apply/>



# NHA Announcements

- NHA Staffing Update
- NHA membership dues for 2023 are due February 15, 2023
- MEC Featured Presentation – February 21 at 3:00 PM ET
- Waterpower Week in Washington, DC May 8-10
- Clean Currents in Cincinnati, OH October 10-13
- Intern Requests – MEC Members can post internship opportunities on NHA Career Center for free - Also including job postings in bi-weekly Member Playbook
- NREL is requesting input on TWO projects
  - DOE-WPTO is revising the marine energy risk management framework
  - DOE and NREL are in the process of updating baseline and long-term LCOE targets for tidal and ocean current energy converters. To inform this process, they are conducting a modified expert elicitation similar to the process we recently used for wave energy. Contact Elena Baca ([Elena.Baca@nrel.gov](mailto:Elena.Baca@nrel.gov)) with feedback. Spreadsheet in agenda for today's meeting.

# MEC Member Meetup

Say hello and catch up with colleagues in a small group for the last 10 minutes of the meeting.

**Enjoy!**





Thank you for joining the NHA MEC Monthly Member Call!

See you on **February 21 at 3:00 PM ET** for the next in the “Featured Presentation” series.

See you on **March 7 at 3:00 PM ET** for the next monthly member call.

