

Environmental Technical Working Group

A Stakeholder Engagement and Advisory Process to Advance the Environmentally Responsible Development of Offshore Wind Energy for New York State



29 June 2021

Introductions







CADMUS

- > E-TWG Lead: NYSERDA 518-862-1090
 - Kate McClellan Press x3110,
 Kate.McClellanPress@nyserda.ny.gov
- Gregory Lampman x3372,
 Gregory.Lampman@nyserda.ny.gov
- > Technical Support: Biodiversity Research Institute (BRI) 207-839-7600
- Kate Williams x108, <u>kate.williams@briwildlife.org</u>
- Julia Gulka x303, <u>Julia.gulka@briwildlife.org</u>
- > Facilitation Support: CBI and Cadmus
 - Bennett Brooks 212-678-0078, <u>bbrooks@cbi.org</u>
 - Farrah Andersen 703-247-6017,
 <u>Farrah.Andersen@cadmusgroup.com</u>

Meeting Agenda

- Welcome and Introductions
- Grid Study Discussion
- Updates
 - State of the Science Workshop
 - Guidance on regional research and monitoring
 - Guidance on pre- and postconstruction monitoring
- Wrap Up & Next Steps





Grid Study Discussion





Updates



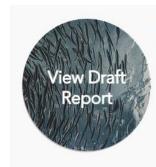
Workgroup Reports

- Draft reports are available for viewing at: <u>www.nyetwg.com/2020-workgroups</u>
- Reports will be finalized and available for download by mid-July

Culmination Webinar

- May 21 webinar brought together the leads from the seven workgroups for presentations on outcomes and panel discussion
- ~375 webinar participants





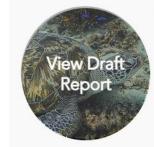
Invertebrates Focus: Sound and Vibrations Technical Lead Arthur Popper

Fishes & Mobile

University of Maryland and
Environmental BioAcoustics LLC
Co-lead
Lyndie Hice-Dunton

Lyndie Hice-Dunton Responsible Offshore Science Alliance





Sea Turtles

Technical Lead
Gregg Gitschlag
National Oceanic and Atmospheric Admin

Co-lead Ruth Perry Shell New Energies

Next Steps

- Workshop proceedings
- Some workgroup leads are interested in pursuing peer-reviewed publication
- Workgroup outcomes can help inform regional- and site-specific research and monitoring guidance
- Workgroup outcomes can inform other research prioritization efforts (RWSE, SEER, etc.)



Process Debrief

Breakout groups of 3-4 people to discuss the following:

- Was this an effective first step in thinking about cumulative impacts?
- What is the next step (if any) that you would like to see the E-TWG pursue to address this topic?







Next Workshop

- General state of the knowledge of offshore wind and wildlife (open call for abstracts)
- Aiming for summer of 2022 coordinating with other wind/wildlife conferences
- Hoping to take a hybrid approach
- If interested in being on the planning committee, please email Edward.Jenkins@briwildlife.org



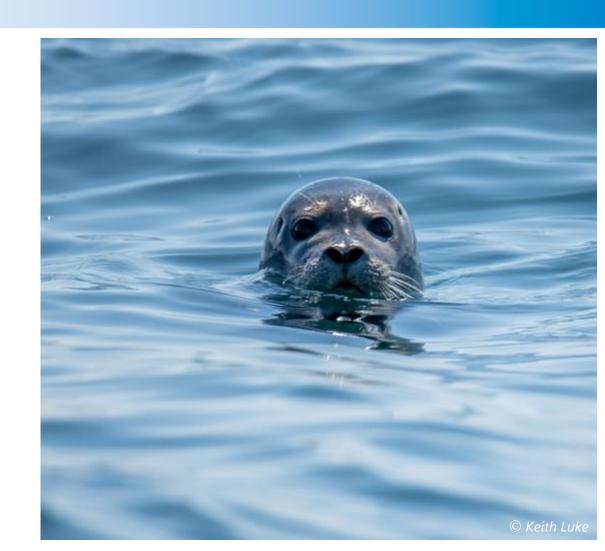
Regional Research and Monitoring Guidance

- Proposed 9-month timeline (6-12 months; TBD with SC)
- Coordination with the RWSE
- E-TWG volunteers?

| | Month | | | | | | | | |
|--|-------|---|---|---|---|---|---|---|---|
| Task | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Step 1: Review existing frameworks and research prioritization efforts | | | | | | | | | |
| Step 2: Collate, standardize, and categorize questions | | | | | | | | | |
| Step 3: Develop working definitions for key terminology | | | | | | | | | |
| Step 4: Develop guidance document outline | | | | | | | | | |
| Step 5: Draft guidance document | | | | | | | | | |
| Step 6: Solicit comment/input from targeted stakeholders | | | | | | | | | |
| Step 7: Finalize draft guidance document | | | | | | | | | |
| Step 8: Conduct E-TWG review of guidance document | | | | | | · | · | | |
| Step 9: Publish guidance document | | | | | | | | | |

Guidance for pre- and post-construction monitoring

- Recognized need for coordination with federal agencies
 - BOEM
 - NOAA
 - USFWS



Update to NYSERDA Environmental Research Program Plan

- Area #4: Marine Wind and Wildlife
- Developed via stakeholder engagement survey and expert elicitation process with state/federal agencies (2015)
- 2021 update (integrated with development of guidance for regional research and monitoring)



www.nyserda.ny.gov/All-Programs/Programs/Environmental-Research/Research-Planning

Wrap Up & Next Steps

Next Steps

- Online survey for future meetings/workshop logistics
 - Please complete this survey if you haven't already! www.surveymonkey.com/r/NDQ9BW5
- Specialist Committee formation for regional monitoring guidance effort
- Continued discussions/planning around site-specific monitoring guidance
- Topics for future E-TWG meetings:
 - Additional information on R&D Consortium projects
 - NY Phase 2 projects (Empire Wind 2 and Beacon)
 - Environmental Mitigation Plans for Phases 1-2 projects

Upcoming Meetings

Next E-TWG meeting — August 17, 1-4 pm EDT — probably will be canceled. EMP meeting in September?