



Meeting Summary

Bureau of Ocean Energy Management

California Intergovernmental Renewable Energy Task Force Meeting

Tuesday, July 13, 2021

9:00 a.m. – 5:00 p.m. PT

I. Introduction

The Bureau of Ocean Energy Management (BOEM) convened a State of California Intergovernmental Renewable Energy Task Force Meeting on July 13, 2021. The meeting was held remotely via webinar using the Zoom platform. Task Force member Participants included representatives from federal and state agencies, tribal nations, and local government. Participating members of the public included representatives from industry, academic and research institutions, and non-governmental organizations (NGOs). Approximately 400 participants attended the meeting.

The meeting's objectives were to:

- Update Task Force members on progress since the March 2020 Task Force meeting.
- Discuss next steps for offshore wind off California's Central and North Coasts.
- Outline next steps to provide input into the process.
- Receive public input on Task Force items.

Recordings of the meeting proceedings along with each individual meeting presentation are available at the following link: <https://www.boem.gov/renewable-energy/state-activities/california-intergovernmental-renewable-energy-task-force-meeting>

The meeting agenda is available in Appendix A. The list of Task Force member participants is available in Appendix B. A list of public attendees is available in Appendix C.

This meeting summary document summarizes key outcomes and next steps from the meeting. It focuses on discussions and Task Force member input received rather than the formal presentations made. It is not intended to be a detailed transcript. The meeting was facilitated by Kearns & West (K&W).

This meeting summary is organized into the following sections:

- I. Introduction
- II. Discussion Highlights
 - A. Welcome and Opening Remarks
 - B. Task Force Member Introductions and Agenda Review
 - C. Outer Continental Shelf (OCS) Wind Energy Leasing in California
 - D. Task Force – Clarifying Questions and Discussion
 - E. Public – Clarifying Questions and Answers
 - F. Task force Member Updates

- G. Panel – Federal / State Studies and Other Updates
 - H. Process Next Steps
 - I. Facilitated Task Force Discussion
 - J. Overview of Action Items, Closing Remarks
 - K. Public Input Opportunity and Discussion
- III. Appendices
- A. Agenda
 - B. Task Force Member Participation List
 - C. Public Attendee List

II. Discussion Highlights

A. Welcome and Opening Remarks

1. Amanda Lefton, Director, BOEM.

Director Amanda Lefton welcomed participants to the BOEM California Intergovernmental Renewable Energy Task Force Meeting and reiterated Governor Newsom’s sustainable energy goals and BOEM’s goals for advancing opportunities for renewable energy within the State of California. Director Lefton announced that BOEM will publish a [Call for Information and Nominations \(Call\)](#) in the Federal Register on July 29, 2021, requesting information from the public and industry interest in commercial offshore wind energy development for two new areas within a 399-square-mile area located off central California, identified as the [Morro Bay Call Area East and West Extensions](#). She encouraged participants to think innovatively when submitting comments. Director Lefton concluded her remarks by reiterating the importance of regional collaboration between agencies and stakeholders for responsibly advancing renewable energy initiatives within the state of California.

2. Wade Crowfoot, Secretary, CNRA. California Natural Resources Agency (CNRA)

Secretary Crowfoot highlighted the extreme weather events that have impacted California over the last year and emphasized his commitment to addressing climate change through innovative renewable energy policies. He underscored the crucial role that offshore energy production currently plays in reaching the State’s climate and sustainability goals and funding related to coastal restoration efforts. He noted the many activities already occurring off California’s coast relating to oil and gas, commercial fishing, mineral activities, and sediment management, and he reflected that this Task Force will be charged with navigating these existing conflicts with the addition of offshore wind, while supporting the remarkable biodiversity, beauty, and all of those who benefit from the coast’s commercial use.

3. Karen Douglas, California Energy Commission (CEC)

Commissioner Douglas shared that California is well positioned to deploy offshore wind technology in the North and Central Coasts and to help meet supply chain, fabrication, and design needs. She reiterated the significance of offshore wind to California’s renewable energy goals and highlighted that the next major opportunities lie 20 to 30 miles offshore where there is the most potential for renewable wind energy.

4. Ron Tickle, Deputy Assistant Secretary of Defense, Department of Defense (DOD)

Deputy Assistant Secretary of Defense Ron Tickle shared that the creation of this Task Force to explore renewable energy within California aligns with the Biden-Harris Administration’s goal of pursuing renewable energy. He relayed that tackling the climate crisis is a national security imperative, and that

the DOD is committed to working across the U.S. Government to find solutions to support renewable energy in a manner that is compatible with essential military operations. He noted that the DOD supports advancement of the Northern California Humboldt Call Area, and that the DOD worked closely with the White House, the Department of the Interior, and the state of California to identify the 399 square-mile area off the California Central coast, which could support approximately three gigawatts of clean energy.

B. Task Force Member Introductions & Agenda Review

Mr. Poncelet, facilitator with Kearns & West, introduced the Task Force members, which included representatives from BOEM, elected officials, tribal nations, state and federal agencies, and local officials. Mr. Poncelet also reviewed the meeting agenda, objectives, and process guidelines.

C. Outer Continental Shelf (OCS) Wind Energy Leasing in California

The purpose of this agenda item was to communicate BOEM's role in future renewable activities within the State of California, particularly related to BOEM's Offshore Renewable Energy Program (OREP) and leasing process. This session also reviewed the Task Force Charter to establish a common understanding of the role and future activities of the State of California Intergovernmental Renewable Energy Task Force.

1. BOEM Outer Continental Shelf (OCS) Wind Energy Leasing in California – Jean Thurston-Keller, BOEM

Jean Thurston-Keller, BOEM Intergovernmental Renewable Energy Task Force Coordination and Project Lead BOEM's Pacific regional office, provided an overview of BOEM's responsibilities for offshore energy in federal waters, a brief background of the work completed so far, BOEM's joint approach with the state of California for offshore wind energy planning, next steps in the environmental review process for both the North and Central Coasts, and leasing timelines.

Ms. Thurston-Keller described the Humboldt Call Area on the North Coast. This call area was originally published in the Call for Information and Nominations in 2018. The next step in BOEM's process will be to identify a Humboldt Wind Energy Area (WEA), which will be the focus of an Environmental Assessment. Following the Environmental Assessment, next steps will include publishing a Proposed Sale Notice, publishing a Final Sales Notice, and then conducting a Lease Sale in 2022. Ms. Thurston-Keller noted that the Humboldt and Morro Bay areas will be combined into one Proposed Sale Notice for a single California lease sale that will include both North and Central Coast areas. The public comment period for this notice will 60-days, and this will be the last opportunity for developers to demonstrate interest. Ms. Thurston-Keller also reviewed all of the points throughout the leasing process where Task Force member and stakeholder input will be requested. Ms. Thurston-Keller invited further questions on the BOEM California Outer Continental Shelf Leasing Process to be directed to herself at jean.thurston-keller@boem.gov.

2. Task Force Clarifying Questions

Task Force members posed clarifying questions on such topics as: why BOEM is proposing to combine the Humboldt and Morro Bay call areas in the Proposed Sale Notice, how BOEM will address fishing community concerns, how bidders will again be vetted for the expanded areas around the original Morro Bay Call Area, the timing of the anticipated Proposed Sale Notice, how transmission will take place on land, environmental impacts (including visual impacts and impacts on local communities), and job opportunities.

3. Public Clarifying Questions

Participating members of the public had the opportunity to ask clarifying questions regarding the topics being addressed by the Task Force. Responses were provided in writing throughout the meeting and orally during a designed Public Clarifying Questions session. Public clarifying questions covered such topics as:

- The role and membership of the Task Force.
- The current call areas, BOEM’s leasing process, and anticipated timing.
- Impacts of DOD operational areas.
- Lessons learned from offshore energy development on the East Coast.
- Environmental impacts.
- Upcoming opportunities for environmental review and public input.
- Impacts on the fishing industry.
- Jurisdiction for transmission and undersea cables.
- The multi-factor bidding auction process.
- Data being used to inform decision making processes.

D. Task Force Member Updates

The purpose of this session was to acknowledge and share updates on states’ renewable energy goals and any recent or upcoming renewable energy activities involving the State of California. Recordings these updates can be viewed at: <https://www.boem.gov/renewable-energy/state-activities/california-intergovernmental-renewable-energy-task-force-meeting>.

1. Santa Ynez Band of Chumash Indians – Nakia Zavalla

Nakia Zavalla, Cultural Director for the Santa Ynez Band of Chumash Indians, provided an overview of ongoing efforts within the tribe to promote wind energy development in the Central Valley, spanning Chumash aboriginal territory from Paso Robles to Malibu, and out to the Channel Islands. She recognized that BOEM is currently looking at leasing sites offshore of Morro Bay and Diablo Canyon, and that these are ancestral lands of cultural, ceremonial, and spiritual importance to the tribe. She expressed the hope that BOEM will be diligent in recognizing the spiritual importance of Morro Rock and its potential as a sacred site and Traditional Cultural Property.

2. Blue Lake Rancheria Tribe – Jana Ganion

Jana Ganion, Sustainability and Government Affairs Director for the Blue Lake Rancheria Tribal Nation and Co-Chair of the Department of Energy’s Indian Country Energy and Infrastructure Working Group, provided an update on Blue Lake Rancheria’s renewable energy goals and activities. Ms. Ganion relayed that one of the important themes of energy development for tribal nations is pollution reduction paired with improved reliability and resilience. She noted deficiencies in the North Coast electrical grid and that many North Coast tribal nations still lack connections to the grid. She spoke of the important opportunity provided by clean energy to address these challenges. Ms. Ganion concluded her remarks by updating the Task Force on current initiatives by tribes and others to investigate the components of the benefit stack of offshore wind—including, but not limited to, jobs, new businesses, and businesses ancillary to offshore wind.

3. Cher-Ae Indian Community of the Trinidad Rancheria – Shirley Laos

Shirley Laos, Tribal Member and Government Affairs Coordinator of the Cher-Ae Indian Community of the Trinidad Rancheria, gave an update of ongoing efforts within the tribe to promote offshore wind development and solar energy within the Rancheria. She described her tribe's continued interest to participate in ongoing tribal outreach and engagement efforts related to offshore wind energy.

4. Tribal Engagement Activities - Sara Gultinan, Thomas Gates

Sara Gultinan, Leasing Specialist/Regional Tribal Liaison for BOEM Pacific Regional office, opened her remarks thanking the Tribal governments for sharing their inputs in this forum. BOEM's engagement with tribes through December 2020 is summarized in the outreach summary report and attendance that are posted on BOEM's website here: <https://www.boem.gov/renewable-energy/state-activities/california-intergovernmental-renewable-energy-task-force-meeting>

Thomas Gates, Tribal Liaison for the California Energy Commission, opened his presentation by affirming Ms. Gultinan's remarks and the partnership between BOEM and the California Energy Commission tribal programs. He emphasized that unlike the federal agency, the state has an obligation to consult with all California Native American Tribes, both federally recognized and non-federally recognized. Any tribe that is a California Native American Tribe that is interested in engagement with state agencies or is interested in a follow up larger group meeting can contact Thomas Gates at thomas.gates@energy.ca.gov.

5. California Coastal Commission – Kate Huckelbridge

Kate Huckelbridge, Deputy Director for the California Coastal Commission, reviewed the roles and authority of the State of California to review offshore wind development in federal waters under Coastal Zone Management Act and Federal Consistency.

6. Ocean Protection Council – Justine Kimball

Justine Kimball, Senior Scientist with the Ocean Protection Council (OPC), offered an overview of previously funded key environmental studies and how this work will support the process and needs for additional studies and investments going forward to support offshore wind.

8. California Energy Commission – Eli Harland

Eli Harland, Advisor to Commissioner Douglas, California Energy Commission gave an update on public outreach and fishing industry engagement with a focus on recent activities from the state budget and how the budget supports expanded outreach and engagement.

9. California Department of Fish and Wildlife – Chris Potter

Chris Potter, Senior Environmental Scientist Specialist, California Department of Fish and Wildlife (CDFW) gave an overview of fisheries data and environmental review.

10. Task Force Clarifying Questions.

Task Force members commented on and posed clarifying questions on the above presentations. Their comments and questions focused on such topics as: the importance of the West Coast Ocean Alliance Tribal Caucuses document, relevant Cal Poly studies, potential funding for energy storage, the Comprehensive Mitigation Strategy for Fisherman and how to access this, clarifying local authority versus authority of the California Coastal Commission, consideration of climate policy in the federal consistency review process, and funding opportunities.

E. Panel – Federal / State Studies & Other Updates

The purpose of this panel session was to provide updates regarding federal and state studies pertaining to offshore wind energy planning, siting, and development. Recordings of all of the presentations below may be viewed at: <https://www.boem.gov/renewable-energy/state-activities/california-intergovernmental-renewable-energy-task-force-meeting>.

1. Bureau of Ocean Energy Management – Rick Yarde

Rick Yarde, Office of Environment Leader in the Pacific Region of BOEM, reviewed current BOEM environmental studies and gave an analysis update. The studies include the Seabird and Marine Mammal Surveys, Near Potential Renewable Energy Sites Offshore Central and Southern California, Development of Computer Simulation to Assess Entanglement Risk to Whales and Leatherback Sea Turtles in Offshore Floating Wind Turbine Moorings, Cables, and Associated Derelict Fishing Gear Offshore California, Offshore Acoustic Bat Study along the California Coastline, and Over Water Migration Movements of Black Brant. Mr. Yarde then went into depth covering three recently completed BOEM studies, the California Current Ecosystem Survey (CCES) 2018: a PacMAPPS study, the Marine Bird Data Synthesis and Predictive Modeling study, and the Benthic Habitats and Geohazards on the West Coast. For a complete list of all ongoing and recently updated completed studies please visit the BOEM website at www.boem.gov.

2. Bureau of Ocean Energy Management – Frank Pendleton

Frank Pendleton, GIS Analyst, BOEM Pacific Region, offered an overview on Vessel Monitoring System (VMS) Data and a Lidar Buoy update. Mr. Pendleton relayed that BOEM has been coordinating with researchers at a variety of academic institutions and state and federal agencies and commissions regarding fisheries datasets. He also described how BOEM is using lidar buoy data to evaluate wind profiles, validate datasets, and test other devices. For more information on Lidar Buoys and Virtual Monitoring Systems (VMS) data, please visit: <http://www.pnnl.gov/projects/lidar-buoy-program>, and <http://a2e.energy.gov/data>.

3. United States Coast Guard – Tyrone Conner

Tyrone Conner, Deputy Chief of Waterways and Development for the U.S. Coast Guard's (USCG's) District 11 Office, reviewed the USCG's process for a Pacific Coast Port Access Route Study (PARS) planned to begin this year. The USCG is responsible for protecting all mariners, property, and the environment by promoting safe navigation and access routes. As part of the Port Access Route Study (PARS) under the Ports and Waterways Safety Act, the USCG has authority and responsibility to evaluate, study, and review all navigation when it deals with any major changes on the waterway. Mr. Conner then gave a timeline of the proposed PARS products, with recommendations expected to be announced in October to March of 2027.

4. Department of Defense – Steve Chung

Steve Chung, President Director for the Navy Region Southwest, offered a brief overview of Department of Defense (DOD) Studies. He opened his remarks by restating the DOD's commitment and collaboration on many initiatives to support states renewable energy goals and transition to a cleaner lower carbon future. Mr. Chung explained that the DOD is currently working to fund a study through their Office of Local Defense Community Cooperation to examine transmission infrastructure potential in Northern California and Southern Oregon. He concluded by reiterating that the DOD is open to exploring opportunities for offshore energy proposals that are compatible with DOD operations.

5. California Public Utilities Commission & California Independent System Operator – David Withrow & Jeffery Billinton

David Withrow, staff at the California Public Utilities Commission (CPUC), provided an overview of the Integrated Resource Planning (IRP) process. Mr. Withrow explained that IRP modeling is based upon a greenhouse gas target, identified in consultation with the California Air Resources Board (CARB) and adopted by CPUC Commission order.

Jeffery Billinton, Director of Transmission Infrastructure planning at the California Independent System Operator (ISO), provided an update on the Transmission Planning Process Offshore Wind Study. Mr. Billinton explained that approval of transmission projects is based three overall factors: reliability driven need, policy driven need, and economic driven need. As part of this process additional studies are conducted within each planning cycle. Mr. Billinton described the 2021-2022 planning cycle and also provided an overview of the newly introduced ISO, 20-year Transmission Outlook Initiative.

6. California Energy Commission – Rizaldo Aldas

Rizaldo Aldas, Program Manager for the Renewable Energy and Advanced Generation Research and Development, Energy Research and Development Division, California Energy Commission, provided an overview of wind energy-focused research and development projects taking place at the Energy Commission. One set of projects is currently focused on technology development with environmental considerations. A second set of projects is focused on environmental research and potential impacts of offshore wind farms on ecosystems along the California coast.

F. Process Next Steps

Jean Thurston-Keller reviewed key next steps in BOEM's overall leasing process. Ms. Thurston-Keller reminded Task Force members that BOEM published a Call for Information and Nominations (Call) on October 19, 2018, and BOEM continues to seek public input on the potential for wind energy development in the Call Areas. This includes input on site conditions, resources, and multiple uses in close proximity to or within the Call Areas that would be relevant to BOEM's subsequent decision whether to offer all or part of the Call Areas for commercial wind leasing. Ms. Thurston-Keller encouraged industry participants and members of the public to provide comments and information to BOEM.

Ms. Thurston-Keller noted that questions can be sent to jean.thurston-keller@boem.gov. Media inquiries should be sent to John Romero, Public Affairs Specialist for BOEM, at john.romero@boem.gov.

G. Task Force Discussion and Clarifying Questions

Eric Poncelet invited Task Force members to share reflections or ask clarifying questions regarding the presentations on federal/state studies and other updates, and the recently presented overview of process next steps.

Task Force member comments and questions fell into the following categories.

- Engagement with stakeholders and local communities. Task Force members requested that BOEM and the State take steps to engage effectively with constituencies likely to be impacted by offshore wind development, including the fishing industry and local communities.
- Climate change. Task Force members highlighted the important role begin played by climate change in the offshore wind development process.

- Anticipated leasing process, environmental review, and opportunities for public input. Task Force members asked about the timeline for leasing and environmental review, for both the north and central coast areas.
- Coordination with federal agencies. Task Force members asked about how BOEM would be coordinating with the U.S. Coast Guard about security and safety zones and with NOAA about consultations under the Endangered Species Act, Marine Mammal Protection Act, the Magnusson-Stevens Act, and the National Environmental Policy Act.
- Tribal engagement. Task Force members encouraged BOEM to continue its engagement with Tribal Nations and reminded BOEM that many tribes, especially smaller ones, have limited capacities to engage. These Task Force members suggested that BOEM make funding available to support ongoing participation by tribal members. Another Task Force member suggested that funding be made available to support the engagement of other constituencies of limited means, including local fishing communities.
- Jurisdiction over transmission. Task Force members requested clarification regarding offshore cables and where the producer’s project ends and the utility’s responsibility to transmit the energy to users begins.

H. Overview of Action Items, Closing Remarks

Eric Poncelet shared that the presentations and meeting recordings will be made available following the Task Force Meeting. He noted that Kearns & West will also develop a meeting summary, which will be posted to the California Task Force webpage

BOEM Regional Director Amanda Lefton, Regional Supervisor Doug Boren, and CEC Commissioner Karen Douglas offered closing remarks to formally close the Task Force Meeting. Each thanked Task Force Members, the presenters, and members of the public for their participation throughout the meeting. They emphasized the role that renewable energy can play to support addressing the climate crisis in the U.S. and the robust collaboration that must occur between stakeholders to meet the Biden Administration’s goal of 30 gigawatts of offshore wind by 2030. They encouraged meeting participants to provide comments, questions, or participate in future engagement activities.

I. Public Input Opportunity and Discussion

Following the official adjournment of the Task Force meeting, Mr. Poncelet invited members of the public to share comments or questions on topics covered during the Task Force meeting. A summary of this discussion organized by key themes is provided below.

- Addressing potential conflicts with fisheries. Many attendees voiced concern about potential impacts on fisheries and were worried that BOEM was not adequately engaging with the fishing industry and fishing communities. Offshore wind development needs to be done in a transparent way with meaningful input from these constituencies. Data on potential fisheries impacts needs to be brought in at the beginning of the process. BOEM should also consider providing funding to support participation of local fishing representatives in this process.
- General support for offshore wind energy development in California. Many attendees expressed support for the development of offshore wind energy off the north and central coasts. They recommended building effectively off of the preparatory work that has already been conducted with local stakeholders.
- Job opportunities. Many attendees noted the important opportunity for new job creation coming from offshore wind development in California.

- Multifactor bidding. Several attendees highlighted the supported incorporation of a multifactor bidding process and promoted the development of community benefits agreements (in advance of the lease sales).
- Grid reliability. Several attendees spoke to the importance of grid and electrical system reliability (both onshore and offshore) and asked that transmission capacity needs be addressed.
- Research and Impact Analysis. Several attendees spoke to the importance of making sure that meaningful studies are conducted early enough to inform the decision-making process. It is important to take a holistic look at potential impacts on ecosystems and species, both on land and in the ocean. This information needs to be made available to the public.
- Addressing the climate crisis. Several attendees expressed the view that taking advantage of offshore wind resources in the north and central coasts will be an important step in combatting the climate crisis and achieving California’s decarbonization goals.
- Tribal engagement. Several attendees encouraged BOEM and the State to engage proactively and effectively with Native American Tribes in California, both federally and non-federally recognized, to address their interests in marine cultural resources. Some requested that funding be made available to support tribal engagement.
- Appreciation. Attendees thanked BOEM for convening the Task Force meeting, sharing information, and involving the public. They also thanked BOEM for scheduling around other important meetings (e.g., Pacific Fishery Management Council). Early notification of Task Force meetings is important.

III. Appendices

A. Agenda

AGENDA

BOEM California Intergovernmental Renewable Energy Task Force Webinar

Webinar Access

https://kearnswest.zoom.us/j/96566764840?tk=z3aOZP9wzjZ1Xf3fm0l6ZISsln8JgIQ_sEzIAPVAgc.DQIAAAAWe9PIKBZLT2prbjkT1RKQ3BnVEdjWE00TRRAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA&pwd=Z2w3SudTTnZoUIFaYTFkNDB0bEh6dz09&uuid=WN_oBsOpaAuTWWKxrM2UCcKog

Audio Conference Details

US: +1 669 900 9128 or 877 853 5257 (Toll Free)
Webinar ID: 965 6676 4840; Passcode: 902054

July 13, 2021

Meeting: 9:00 a.m. – 5:00 p.m.

There will be two opportunities for public involvement. There will be an opportunity to ask clarifying questions about the Outer Continental Shelf Wind Energy Leasing process in California from 11:05am – 11:35pm. There will also be a public input opportunity from 4:00-5:00pm.

Meeting Objectives

- Update Task Force members on progress since the March 2020 Task Force meeting.
- Discuss next steps for offshore wind off California’s Central and North Coasts.
- Outline next steps to provide input into the process.
- Receive public input on Task Force items.

Agenda

Time	Item	Presenter
8:30 a.m.	Join the Webinar	
9:00-9:05	Webinar Instructions and Guidance	Kearns & West, Facilitator
9:05-9:30	Welcome, Opening Remarks & Introductions	Amanda Lefton, Director, BOEM Wade Crowfoot, Secretary, CNRA Karen Douglas, Commissioner, CEC Mr. Ron Tickle, Deputy Assistant Secretary of Defense, DOD Kearns & West, Facilitator
9:30-9:35	Agenda Review Purpose of Meeting	Kearns & West, Facilitator
9:35-10:05	Outer Continental Shelf (OCS) Wind Energy Leasing in California <ul style="list-style-type: none"> • Approach to Offshore Wind Energy Planning • BOEM Process • North Coast Update • Central Coast Update • BOEM Lease Notices 	Jean Thurston-Keller, Task Force Coordinator, BOEM

Summary – July 13, 2021 State of California Intergovernmental Renewable Energy Task Force Meeting

	<ul style="list-style-type: none"> • Auctions 	
10:05-10:50	Task Force – Clarifying Questions and Discussion	Task Force Members Kearns & West, Facilitator
10:50-11:05	<i>Break – Adjourn Task Force Meeting</i>	
11:05-11:35	<p>Public Clarifying Questions and Answers Interested individuals will be provided an opportunity to ask clarifying question on the topic of the OCS Wind Energy Leasing process in California.</p> <p><i>Participants will submit their questions via the Zoom Q&A function. Questions will be read aloud by the facilitator.</i></p>	
11:35 a.m. - 12:15 p.m.	<p>Task Force Member Updates</p> <ul style="list-style-type: none"> • Tribal Updates (30 min) • BOEM/CEC Tribal Engagement Update (5 min) <p>Clarifying questions (5 min)</p>	<p>Nakia Zavalla, Santa Ynez Band of Chumash Indians Jana Ganion, Blue Lake Rancheria Tribe Shirley Laos, Cher-Ae Heights Indian Community of the Trinidad Rancheria Other invited Tribal representatives Sara Gultinan, BOEM Thomas Gates, CEC</p>
12:15-1:15	Lunch Break	
1:15-2:05	<p>Task Force Member Updates (cont.)</p> <ul style="list-style-type: none"> • Coastal Zone Management Act and Federal Consistency Review • Ocean Protection Council (OPC) studies • Public and stakeholder outreach and fishing industry engagement (CEC) • Fisheries data and environmental review (CDFW) <p>Clarifying questions (10 min)</p>	<p>Kate Huckelbridge, California Coastal Commission Justine Kimball, OPC Eli Harland, CEC Chris Potter, CDFW</p>
2:05-3:05	<p>Federal/State Studies and Other Updates</p> <ul style="list-style-type: none"> • BOEM Studies • VMS studies • United States Coast Guard Studies • Department of Defense Studies • Integrated Resource Planning and Transmission (CPUC/CEC/CAISO) • Research and development (CEC/EPIC) <p>Clarifying questions and discussion (10 min)</p>	<p>Rick Yarde, BOEM Frank Pendleton, BOEM Tyrone Conner, USCG Steve Chung, DOD David Withrow, CPUC Jeffrey Billinton, CAISO Rizaldo Aldas, CEC</p>
3:05-3:15	Break	
3:15-3:25	<p>Next Steps in the Process</p> <ul style="list-style-type: none"> • Public engagement process moving forward • Outreach and coordination of VMS data 	Jean Thurston-Keller, Task Force Coordinator, BOEM
3:25-3:50	Task Force – Clarifying Questions and Discussion	Task Force Members Kearns & West, Facilitator
3:50-3:55	Overview of Action Items & Closing Remarks	Karen Douglas, Commissioner, CEC

		Doug Boren, Regional Supervisor, BOEM
3:55 p.m.	Adjourn Task Force Meeting	
4:00-5:00 p.m.	<p>Public Input Opportunity Interested individuals will be provided an opportunity and are encouraged to provide input on the topics being considered and discussed by the Task Force.</p> <p><i>Participants may provide input via the webinar chat box or verbally by clicking the “raise hand” icon to enter the queue. Public input submitted through the chat box will be read aloud by the facilitator. Those who wish to provide verbal input will be given a 1-3-minute time amount depending on the number of anticipated speakers. The queue of comments and questions will be moderated by the facilitator.</i></p>	

B. Task Force Member Participation List

Bureau of Ocean Energy Management

California Intergovernmental Renewable Energy Task Force Meeting July 13, 2021

**Task Force members are noted alphabetically by agency.*

U.S Elected Officials & Representatives

1. Scott Baur – 3rd Congressional District of California
2. Ciara Emery – 3rd Congressional District of California

Tribal Nations

1. Edwin Smith – Bear River Band of the Rohnerville Rancheria
2. Jan Ganion – Blue Lake Rancheria
3. Lisa Gover – Campo Kumeyaay Nation
4. Christina Lara – Coyote Valley Band of Pomo Indians
5. Shaunna McCovey – Resighini Rancheria
6. Sam Cohen – Santa Ynez Band of Chumash Indians
7. Nakia Zavalla – Santa Ynez Band of Chumash Indians
8. Theodore “Ted” Hernandez – Wiyot Tribe

State of California

1. Allison Dettmer – California Coastal Commission (CCC)
2. Kate Huckelbridge – CCC
3. Becky Ota – California Department of Fish & Wildlife (CDFW)
4. Chris Potter - CDFW
5. Eric Wilkins – CDFW
6. Rizaldo Aldas – California Energy Commission (CEC)
7. Karen Douglas – CEC
8. Thomas Gates – CEC
9. Eli Harland – CEC
10. David Hochschild – CEC
11. Kourtney Vaccaro – CEC
12. Jeff Billinton – California Independent System Operator (CAISO)
13. Wade Crowfoot – California Natural Resources Association (CNRA)
14. Mark Gold – CNRA
15. Justine Kimball – CNRA
16. Cheryl Cox – California Public Utilities Commission (CPUC)
17. Cliff Rechtschaffen – CPUC
18. David Withrow – CPUC
19. Marina Cazorla – California Department of Parks & Recreation (CA Parks)

20. Jennifer Lucchesi – California State Lands Commission (CASLC)
21. Shrayas Jatkar – California Workforce Development Board (CWDB)
22. Stephanie Tsai – CWDB
23. Sarah Schaefer – City of Arcata
24. Wes White – Delmar County
25. Mike Wilson – Humboldt County
26. Jeff Hunerlach – Humboldt County Workforce Development Board (HCWDB)
27. Treston Shull – (HCWDB)
28. Mayor John Heading – Morro Bay
29. Linda Hillman – Santa Barbara Workforce Development Board
30. Blake Fixler – San Luis Obispo Board of Supervisors
31. Annie Secrest – San Luis Obispo Board of Supervisors

Federal Agencies

1. Bill Standley – Bureau of Land Management (BLM)
2. Cheri Hunter – Bureau of Safety and Environmental Enforcement (BSEE)
3. Jason Gerdes – Environmental Protection Agency (EPA)
4. Jean Prijatel – EPA
5. Steve Chung – Department of Defense (DOD)
6. Ron Tickle – DOD
7. Lena Lee – National Park Service (NPS)
8. Sarah Quinn – NPS
9. Bill Douros – National Oceanic and Atmospheric Administration (NOAA) Office of National Marine Sanctuaries
10. Steve Edmondson – NOAA Fisheries West Coast Region
11. William Foster – NOAA Fisheries West Coast Region
12. Candace Nachman – NOAA Fisheries
13. Sarah van der Schalie – NOAA Office for Coastal Management
14. Becky Smyth – NOAA Office for Coastal Management
15. Tyrone Conner – U.S. Coast Guard (USCG)
16. Brian Penoyer – USCG
17. Tracy Borneman – U.S. Fish & Wildlife Service (USFWS)
18. Thomas Leeman – (USFWS)
19. Keith Miles – U.S. Geological Survey (USGS)

Facilitation Team

1. Jasmine King – Kearns & West
2. Kaitlin Morton – Kearns & West
3. Eric Poncelet – Kearns & West
4. Jenna Tourje – Kearns & West

C. Public Attendee List

First Name	Last Name	Organization
Jalal	Abedi	CSLC
Lindsay	Adrean	American Bird Conservancy
Isabella	Alvarado	OPC
Jessica	Alvarenga	PMSA
Charlotte	Ambrose	NOAA Fisheries
Kevin	Ashe	Holland & Knight LLP
Pierre	Augare	Grays Harbor Wind
Letitia	Austin	Oxnard Harbor District/Port of Hueneme
Shadi	Awwad	Oceaneering International Inc
Sandy	Aylesworth	NRDC
Brian	Balcom	CSA Ocean Sciences Inc.
Katherine	Ball	DOE
Chris	Barkley	AECOM
Graham	Barrett	The Business Network for Offshore Wind
Cory	Barringhaus	ESA
Jim	Bartridge	Energy Commission
James	Behrens	CDIP / SIO / UCSD
Lisa	Belenky	Center for Biological Diversity
John	Berge	Pacific Merchant Shipping Association
Colby	Bermel	Politico
James	Bernthal-Hooker	4C Offshore
bill	bertain	humboldt eastern railroad llc
Lori	Biondini	Redwood Coast Energy Authority
Christina	Birdsey	Port of Hueneme

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Steve	Black	Steve Black Strategies, Inc.
Charlotte	Boesen	Danish Energy Agency
tammer	botros	bp
Dana	Boudreau	Redwood Coast Energy Authority
Marian	Brady	Business Owner
Jenny	Briot	RWE Renewables
Glenn	Brooks	self
Bo	Buchynsky	Diamond Generating Corporation
Ann	Bull	UCSB
Brandon	Burke	Business Network for Offshore Wind
Gary	Burke	
Jason	Busch	POET
Cole	Caldwell	US Fish and Wildlife Service
Amanda	Canepa	CDFW
Emily	Capello	Panorama Environmental, Inc. - San Francisco, CA
Jordan	Carduner	NOAA
Andrea	Carpenter	Navy
LeeAnn	Carranza	USFWS
Emma	Chaiken	Bureau of Ocean Energy Management
Susan	Chambers	West Coast Seafood Processors Association
Davin	Chan	CSL
Daniel	Chandler	350 HUMBOLDT
Grace	Chang	Integral Consulting Inc.
Kaycee	Chang	California Energy Commission
Aideen	Chapman	American Clean Power Association
Maia	Cheli	Schatz Energy Research Center
Susanne	Chess	Chess + Evans LLC

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Satish	Chilka	GHD
Nina	Christensen	Clearway Energy
Salvatore	Ciccarelli	TD Securities
Aisha	Cissna	Redwood Coast Energy Authority
Maxwell	Cohen	Orsted
Mike	Conn	NV5 Geospatial
Mike	Conroy	PCFFA
Vicki	Cornish	Marine Mammal Commission
Sarah	Courbis	Advisian Worley Group
Amanda	Cousart	California Coastal Commission
Geoff	Croft	AIS Survivex (3t Energy Group)
Molly	Croll	American Clean Power - California
John	Crowther	Stantec
Albert	Csaszar	DOI BOEM AK Region 11
Henry	Curtis	ililani media
Skylar	Dallmeyer-Drennen	Orsted
Stephen	Danscuk	USCG Pacific Area
Jennifer	Davis	American Bird Conservancy
Doug	Davy	Jacobs
Rebecca	Degagne	Conservation Biology Institute
John	Demers	US Navy
Casey	Dennehy	WA Dept of Ecology
Yvonne	deReynier	NOAA
Jordan	Diamond	UC Berkeley's Center for Law, Energy & the Environment
Romil	Doctor	NOV
Christopher	Dorman	Mainstream Renewable Power

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Adrienne	Downey	NYSERDA
Steve	Duboyce	US Navy
Alana	Duerr	SBG
Nicholas	Dugdale	Sheppard Mullin
Elizabeth	Duncan	CINMS
Cathie	Dunkel	BOEM
Angela	Ebiner	Senate
Robin	Ehlke	PFMC
Ciara	Emery	Rep. Jared Huffman
Eric	Endersby	City of Morro Bay
Bob	Erickson	CSA Ocean Sciences Inc
Stewart	Erwin	Sabik Offshore
Ahad	Esmailian	Avangrid
Ami	Everett	Blue Latitudes LLC
Jennifer	Ewald	BOEM
Sam	Faries	Energy and Environmental Economics
James	Fawcett	University of Southern California
Oswaldo	Felix	EDF Renewables Inc
Javier	Fernández	Ocean Winds
Anna	Ferrera	CA Energy Commission (CEC)
Adrienne	Fink	Offshore Wind Consultants (OWC)
Whitney	Fiore	SWCA
Corianna	Flannery	CA Department of Fish and Wildlife
Pamela	Flick	Defenders of Wildlife
Peter H	Flournoy	International Law Offices of San Diego
William	Foster	NOAA Fisheries

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Steve	Gaines	Bren School of Environmental Science & Management, UCSB
Mary	Gelinas	Gelinas James, Inc.
Garry	George	National Audubon Society
D	George	NOAA
Nathaniel	Glynn	Latham & Watkins LLP
Aaron	Goldschmidt	Wood plc
Patricia	Goley	Humboldt State University
Justin	Gonzales	Ocean Winds
Jonathan	Gonzalez	Pacific Seafood
Dana	Goodson	Udall Foundation
Andrew	Graf	Adams Broadwell Joseph & Cardozo
Nigel	Grainger	Offspring International Ltd
Robin	Gray-Stewart	Sierra Club, North Group, Redwood Chapter
Abbey	Greene	RI Sea Grant
Jordan	Greer	Moffatt Nichol
Kerry	Griffin	Pacific Fishery Management Council
Karen	Grimmer	MBNMS
Greg	Haas	Congressman Salud Carbajal
Tom	Hafer	Morro Bay Commerical Fishermen Organization
Heather	Hall	WA Department of Fish and Wildlife
John	Hansen	West Coast Ocean Alliance
Deena	Hansen	BOEM
Simon	Hansen	Danish Energy Agency
Abigail	Harley	NOAA Fisheries West Coast Regional Office
Julia	Harnad	California Energy Commission
Bill	Hartman	Atargis Energy

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Whitney	Hauer	BOEM Pacific
Annie	Hawkins	RODA
Mark	Healy	Coquille Indian Tribe
Bill	Helwer-Carlson	Humboldt Eastern Railroad
Nathan	Henderson	AECOM
Christian	Herbosa	Ramboll
Megan	Higgins	Avangrid Renewables
Bruce	Hill	DOD / OSD / Operational Test and Evaluation
Kristen	Hislop	Environmental Defense Center
Bronwyn	Hogan (she/her)	USFWS
Paul	Holland	Leidos
Chase	Hopkins	California Senate
Rajiv	Hrishikesh	BMT Designers & Planners
Stephanie	Hudgins	Cardno, Inc.
Benjamin	Huffman	SheppardMullin
William	Hurley	Glosten/PelaStar
Susan	Hurley	Tetra Tech, Inc.
Harrison	Ibach	Humboldt Fishermen’s Marketing Association
Truce	Jack	Stockholm University
Dan	Jacobson	Environment California
Arne	Jacobson	Schatz Energy Research Center, Humboldt State University
Jeff	Jahn	NOAA Fisheries
Connor	Jandreau	California Central Coast Joint Venture
Jessica	Javied	Coyote Valley Band of Pomo Indians -- Tribal Government
Dan	Jaynes	Aker Offshore Wind
Jill	Jenkins	BOEM

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Keifer	Jennings	Ocean Winds
Amy	Jester	Humboldt Area Foundation & Wild Rivers Community Foundation
Carliane	Johnson	SeaJay Environmental
Andrew	Johnson	Defenders of Wildlife
Lane	Johnston	RODA
Craig	Jones	Integral Consulting
Dave	Jones	Saildrone
Isabel	Kaubisch	ENBW North America
Kate	Kelly	Defenders of Wildlife
Delia	Kelly	Oregon Dept of Fish and Wildlife
Erin	Kester	Avangrid Renewables, LLC
Eleanor	Kim	Brightline
Nancy	Kirshner-Rodriguez	Business Network for Offshore Wind
Elizabeth	Komiskey	bp
Sharon	Kramer	H. T. Harvey & Associates
Andrew	Krieger	Advisian
Linda	Krop	Chief Counsel
Christopher	Kubiak	Central California Joint Cable/Fisheries Liaison Committee
Ann	Kuo	Leidos
Keith	Kurrus	RPS
Jim	Lanard	Magellan Wind
Eva	Land	Xodus Group
Andy	Lanier	DLCD
Katharine	Larson	SCPPA
Scott	Lathrop	ytt Northern Chumash Nonprofit
Ali	Lee	Access Consultants

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Mark	Lee	BOEM
Paul	Lee	Equinor ASA
Thomas	Leeman	USFWS CA/Great Basin Region
Marc	Lendermann	Consulate General of Germany
Naomi	Lewandowski	DOE
Julia	Lewis	Equinor
Emily	Lieban	Holland & Knight
Emily	Lindow	US Department of the Interior - Bureau of Ocean Energy Management
Jim	Loring	self
Lydia	Lostan	Shell Renewables & Energy solutions
Chad	Lousen	NAVSEA
Andrea	Lueker	Port San Luis Harbor District
Jeff	Maassen	stakeholder: Commercial Fisherman
Cheryl	Madrigal	Rincon Band of Luiseño Indians
Jonah	Margulis	Aker Offshore Wind
Melinda	Marquis	NREL
Matthew	Marshall	Redwood Coast Energy Authority
Daniel	Martin	NOAA OCM
Lucy	Marton	LS Power Development, LLC
Kyle	Matthys	no
Jennifer	Mattox	state lands commission
Aoife	Mc Govern	Mainstream Renewable Power
Ryan	McCarthy	Weideman Group
Stephanie	McClellan	Simply Blue Group
Ross	McDonald	Sause Bros.
Bill	Mclver	DOI - U.S. Fish & Wildlife Service

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Kate	Mckeever	RWE RENEWABLES
Hillary	McKey	BOEM
Anne Marie	McShea	OW Ocean Winds
Parker	McWilliams	BOEM - Pacific
James	Mearns	Northern California Power Agency
Andrew	Meredith	State Building & Construction Trades Council
Carl	Merkle	Confederated Umatlla Tribes
Judith	Mernit	Freelance
Jennifer	Merrick	Tetra Tech
Shahed	Meshkati	CA State Lands Commission
Larry	Miles	Pacific Coast Renewable Energy LLC
Zachary	Miller	Triton Systems Inc.
Danielle	Mills	Danielle Osborn Mills
Micah	Mitrosky	IBEW
TJ	Moore	CSS Inc./NOAA
Haiee	Morgan	EDP Renewables
Gary	Morishima	QMC
Scott	Morris	SME
Laura	Morton	ACP
frederick	moses	WSP
Caroline	Mueller	Avangrid Renewables
Monique	Mullenaux	National Center for Environmental Conflict Resolution
Walt	Musial	NREL
John	Nakayama	NewFields
Samuel	Naujokas	Pacific Ocean Energy Trust
Shannon	Nelson	University of Michigan Law School; Marten Law

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Kaitlin	Nerlfi	BOEM
Garth	Neuffer	Offshore Wind California
Lequyen	Nguyen	CEC
Arne	Nielsen	CIERCO
Selin	Nielsen	Glocally Connected
Mary	Nishimoto	Joint Oil/Fisheries Liaison Office of South/Central California
Marisa	Nixon	West Coast Ocean Alliance and West Coast Ocean Data Portal
Mical	Nobel	Avangrid Renewables
Robert	Nowak	Commander, U. S. Pacific Fleet, Pearl Harbor HI
Yelena	Nowak	Oregon Trawl Commission
Steve	Odell	Marten Law, LLC
Larry	Oetker	Humboldt Bay Harbor District
Kris	Ohleth	Special Initiative on Offshore Wind
Mike	Okoniewski	Pacific Seafood independent consultant
Mike	Olsen	Aker Offshore Wind
Kim	Olsen	CSA Ocean Sciences Inc.
Noah	Oppenheim	Homarus Strategies, LLC
Pete	oringer	Timber Heritage Assoc.
Brian	Owens	CA Dept. Fish and Wildlife
Nomer	Oytas	US Navy - FACSAC San Diego
Silvia	Palma-Rojas	CEC
Tony	Parisi	Parisi Strategies/Castle Wind
Michelle	Pasini	Beacon West Consulting
Bernard	Pastorik	Diamond Generating, LLC
Amisha	Patel	Principle Power
Katey	Patrick	Weideman Group

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Kevin	Pearce	Siemens Energy
Ruth	Perry	Shell Renewables and Energy Solutions
David	Petrie	OCEAN Winds
Michael	Pimentel	Shaw Yoder Antwih Schmelzer & Lange
Shiva	Polefka	Resources Legacy Fund
Carrie	Pomeroy	UC Santa Cruz
Torbjorn	Prestegard	Aker Offshore Wind
Morty	Prisament	Green Planning Collab (GPC)
Sean	Quincey	County of Humboldt
Nancy	Rader	California Wind Energy Association
Kaustubha	Raghukumar	Integral Consulting Inc.
Wolfgang	Rain	Sea Risk Solutions
Frank	Ramirez	Governor's Office of Business & Economic Development
Charley	Rattan	Charley Rattan Associates
Craig	Reiser	Smultea Sciences
Peter	Reynolds	Orsted
Jen	Rice	Humboldt Area Foundation
Oceane	Ringuette	Sea Grant / State Parks
Ryan	Rinnan	bp
Charleen	Rode	Rincon Consultants
Edward	Roggenkamp	Nossaman LLP
Emma	Ross	USACE
Scott	Rotman	Montrose
Noe	rouxel	DNV
Alison	Rowe	Monterey Bay Aquarium
Mary	Sanger	350 Humboldt

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Grace	Saunders	BHFS
steve	scheiblaue	alliance of communities for sustainable fisheries
Martine	Schmidt-Poolman	Martine Schmidt-Poolman, California Energy Commission Staff
Doug	Schulker	Pearl Investments
Joe	Schumacker	Quinalt Indian Nation, Dept. of Fisheries
Alyson	Scurlock	Kearns & West
Annie	Secrest	County of San Luis Obispo
Katie	Segal	Center for Law, Energy, & the Environment
Jennifer	Selgrath	NOAA
Matthew	Senska	Department of the Navy
Isaac	Serratos	Environmental Action Committee of West Marin
Porter	Sesnon	Crowley Maritime
Mark	Severy	Pacific Northwest National Laboratory
Alan	Sharp	3t energy group (AIS Survivex)
Peter	Shattuck	Anbaric
Kelsey	Shebey	EnBW North America
Jessica	Sheldon	WSP
Jim	Shnell	Ocean Geothermal Energy Foundation
Craig	Shuman	CDFW
Kamil	Siddiqi	Aker Offshore Wind
Girair	Simon	HQMC, Marine Corps Installations Command
Kerrie	Skillen	Stantec Consulting Ltd.
John	Smith	Not applicable
Tanya	Sommer	US Fish and Wildlife Service
Jennifer	Spaulding	Vestas
Cheryl	Stahl	DNV

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David	Stalfort	ABS Group
Stef	Stavrakas	USFWS
Susan	Steckler	Smultea Sciences
Lou	Steinbrecher	ABS Group
Nancy	Stephenson	Redwood Coast Energy Authority
Adam	Stern	Offshore Wind California
Tara	Stevens	CSA
Christopher	Stillman	Vysus Group
Mkichael	Stocker	Ocean Conservation Research
Robert	Stoddard	bp
David	Stoms	California Energy Commission
Susan	Strachan	San Luis Obispo County
Peter	Stricker	Ecomerit Technologies
Vida	Strong	Aspen Environmental Group
Matthew	Stuber	U.S. Fish and Wildlife Service
Tyler	Studds	Ocean Winds
Kentaro	Suda	Diamond Offshore Wind
Mariza	Sullivan	Coastal Band of the Chumash Nation
patrice	surmeier	ExxonMobil
Doug	Tait	Morro Coast Audubon Society
Christian	Termyn	Perkins Coie LLP
Scott	Terrill	H. T. Harvey & Associates
Joe	Thacker	Jacobs
Max	Thorburn	bp
Aimee	Thurlow	Oceanaggie, LLC
Ian	Todd	SWCA Environmental Consultants
William	Toman	U.S. Air Force

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Denise	Toombs	AECOM
Anthony	Toribio	Independent
Lisa	Toribio	None
Chuck	Tracy	PFMC
Kevin	Travis	California Ocean Science Trust
Ted	Trenkwalder	COWI
Tim	Tringali	Tetra Tech
Matt	Trowbridge	Moffatt & Nichol
Olga	Tseyukova	Shell
Patrick	Tumamait	Barbareno, Venturenno Band of Mission Indians
Tishmall	Turner	Rincon Band of Luiseño Indians
Nico	Turpin-Invernon	Mainstream Renewable Power
Ross	Tyler	RWE
Bianca	Valdez	Kearns & West
Chris	Valencia	Weideman Group, Inc.
Jorge	Valenzuela	ARUP
Matt	Valerio	Dudek
LoryAnn	Velez	BBCI Barbareno Band Chumash Indians
Jenny	Vick	HDR
Tom	Vinson	American Clean Power Association
Rocco	Vita	EDF Renewables North America
Anna-Katharina	von Krauland	Stanford University
Christopher	Voss	Commercial Fishermen of Santa Barbara
Jack	Walter	Georgetown Uni
Libe	Washburn	UCSB
Alla	Weinstein	Castle Wind LLC

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Steve	Weisberg	SCCWRP
Sarina	Weiss	House Natural Resources Committee
Neesh	Wells	Humboldt Area Foundation
Thomas	Wheeler	Environmental Protection Information Center
Wes	White	Crescent City Harbor District
Brian	White	KP Public Affairs
Katy	White	Advisian
Liz	Whiteman	California Ocean Science Trust
Elizabeth	Wibling	Inocean
Michael	Wilks	Jacobs
Julia	Wilson	EarthCon/WSP
Brita	Woeck	Orsted
Amy	Wolfrum	Monterey Bay Aquarium
Sarah	Xu	Brightline Defense Project
Silvia	Yanez	WSP USA Inc.
Laura	Zagar	Perkins Coie LLP
Patrick	Zemanek	Argus Media
Rick	Zeroka	RPS
Haley	Zettelmeyer	EarthCon
Julia	Zuckerman	Clearway Energy Group
Vince		F/V Verna Jean