



Offshore Wind Energy Roadmap, Fisheries, and Federal Consistency Tools

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Enrolled

House Bill 4080

Sponsored by Representatives GRAYBER, GOMBERG; Representatives ANDERSEN, BOWMAN, DEXTER, EVANS, FAHEY, GAMBA, HELM, HOLVEY, HUDSON, KROPF, LEVY E, LIVELY, MARSH, NGUYEN D, NGUYEN H, NOSSE, PHAM K, TRAN, WALTERS, WRIGHT, Senators CAMPOS, DEMBROW, FREDERICK, GELSER BLOUIN, GOLDEN, PATTERSON, TAYLOR (Presession filed.)

- Includes labor standards applicable to offshore wind projects
- DLCD to lead Offshore Wind Roadmap Engagement Effort
- DLCD to Evaluate Oregon Enforceable Policies for Offshore Wind and Make Recommendations



Roadmap Requirements in HB 4080

Roadmap shall define standards to be considered in the processes related to Offshore Wind development and approval.

Standards must support:

- Effective Stakeholder Engagement
- Local and regional coastal communities
- Creation of economic opportunities and sustainment of existing local and regional economies;
- Creation of an offshore wind workforce that is trained, housed, and equitable
- Protection of tribal cultural and archaeological resources, culturally significant viewsheds, and other interests of Tribes
- Protection of the environment and marine species
- Achievement of state energy and climate policy objectives



What is the Roadmap?

The Roadmap WILL:

- Consider different futures and the best paths to get there (scenarios so far include both "with OSW" and "without OSW").
- Look for policy "gaps".
- Recommend potential new policies to address gaps related to environment, energy, communities, or other state values and interests.
- Recommend actions the state could take to be better positioned for offshore wind decision-making or investment.
- Identify capacity needs at the state and local level.

The Roadmap WILL NOT:

- Create new policies by itself.
- Decide whether or not Oregon will move forward on offshore wind.



Roadmap Outline

- 1. Purpose and Background
- 2. Alternative Futures and Waypoints
- 3. State Policy Assessment and Recommendations
- 4. Strategic Planning Elements (opportunities, challenges, recommendations)
- 5. Action Plan





Roadmap Concepts Being Discussed

- What are the "waypoints" along the path to development?
- Where are the state's "policy gaps" around offshore wind?
- Should the state lead its own marine spatial planning for federal waters?
 What would we do differently?
- How do we responsibly manage uncertainty and risk?
- How should the state coordinate its research agenda internally and with West Coast neighbors?
- What should the state's role be in future **community benefit** conversations?
- What does a market signal to attract development look like?
- What are the "exit ramps" for the state in the process?

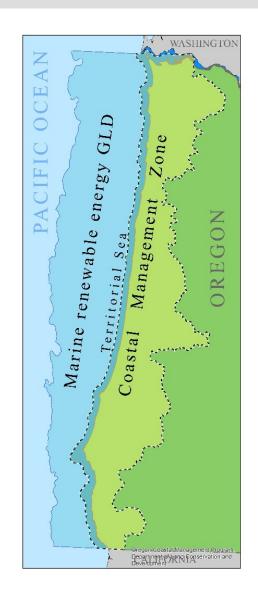




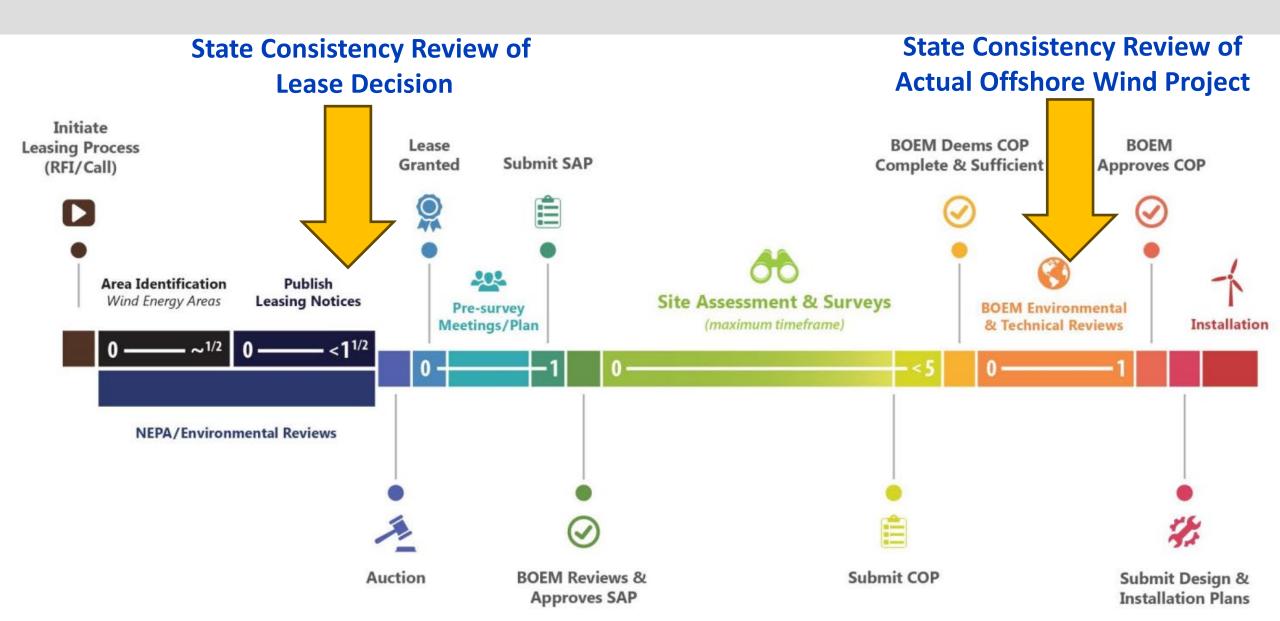
Federal Consistency - Oregon's Main Lever

- State authority to review energy projects within entire coastal zone, from crest of the coast range to 500 fathoms depth offshore.
- State may apply our "enforceable policies" to a proposed federal activity (leasing) or permit (Offshore Wind Construction and Operations Plan).
- State may concur, object, or concur with conditions, based on our enforceable policies. Objection can halt a project unless successfully appealed to the US Secretary of Commerce.
- State and local permits may also apply to portions of a project within 3 NM or onshore.





BOEM Offshore Wind Process







What Coastal Effects are Subject to State Review?

Review is required when there are reasonably foreseeable effects, including indirect and cumulative effects

Key Coastal Uses and Resource areas: cultural, natural, economic, recreational, and aesthetic



Key Review Considerations

- Fish and Wildlife concerns & policies
- Fisheries/Marine transportation effects
- Viewshed Impacts
- City/County policies
 - Cable landing & facilities
- Territorial Sea Plan
 - Part 4 Subsea Cables
 - Part 5 Marine Renewable Energy
- Tribal Feedback & Consultation
 - Federal consultation initiated early in the taskforce process – DLCD is a signatory.

What Key Enforceable Policies Apply?

- Statewide Planning Goals
 - 1: Citizen Involvement
 - 5: Natural Resources, Scenic and Historic Areas, and Open Spaces
 - 6: Air, Water, and Land Resources Quality
 - 19: Ocean Resources
- Territorial Sea Plan Part 5:
 Renewable Energy Development
- ORS 496: Wildlife

- ORS 506: Commercial Fishing and Fisheries
- ORS 509: Additional Fishery Requirements
- ORS 465: Hazardous Waste and Materials
- ORS 468A: Air Quality
- ORS 468B: Water Quality
- ORS 196: Ocean Resources
- ORS 358: Archaeological Objects and Sites

Fisheries Effects of Concern We've Heard

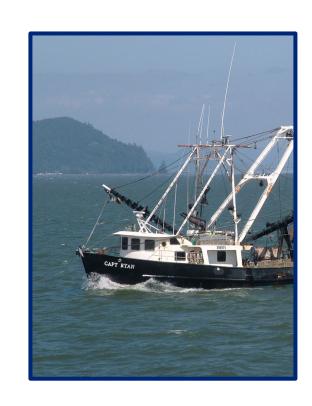
- Energy extraction effects on California Current Large Marine Ecosystem productivity e.g. Upwelling impacts
- Exclusion from wind farm areas
- Potential attraction of fish into wind farms "hits twice"
- "Squeeze" of vessels into other areas
- Safety/radar interference
- Effects on stock assessment tracks and accurate quotas
- Gear loss or vessel damage from entanglement
- Port space competition
- Secondary effects to processing and support economies
- BOEM spatial planning didn't account for all the important areas



Big picture: loss of livelihoods, effects on food security, generational effects to the fisheries – are there opportunities too?

Existing Tools

- 1. State fisheries protection standards applied to a project in federal waters.
- 2. Conditions to avoid or minimize harm (e.g., transit corridors, setting maximum areas for any given array, etc.).
- 3. Additional state-led marine spatial planning and analysis to account for important areas BOEM might have missed (currently under consideration in the Roadmap process).
- 4. Compensation or agreements that can give evidence of consistency to get state concurrence.



Questions We Are Asking

- 1. What might coexistence look like between offshore wind and fisheries? What are some key ingredients?
- 2. When there are conflicts, what might a grievance process look like and what role should the state play?
- 3. Which losses can be compensated for, and which ones can't?
- 4. Are there effects or mitigation ideas we haven't thought of yet?
- 5. Would you be interested in participating in a state-led spatial planning effort where we could look into federal waters and identify those areas that are a best fit from the state perspective?
- 6. What actions should the state take in the next 5-10 years to better address fishing community concerns around offshore wind? (actions to take, information to get, etc.)

