



Integrated Energy Policy Report Workshop: Permitting Considerations for Wave and Tidal Energy

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Assessing Permitting Requirements for Wave and Tidal Energy

Underlying Assumptions used to evaluate permitting requirements:

- Technology specific parameters
- Location, power output, and grid connectivity
- Regulatory processes and standards

Two useful resources:

- [Memorandum of Understanding between California and the Federal Energy Regulatory Commission](#)
- Unites States Department of Energy: [Handbook of Marine Hydrokinetic Regulatory Processes](#)

*Public Resources Code 25996 (b) (3) Evaluate wave energy and tidal energy project potential transmission needs and **permitting requirements**.*



State Agency Roles and Requirements

California state agencies with likely jurisdiction:

- State Lands Commission
- State or Regional Water Resources Control Board
- Department of Fish and Wildlife
- California Coastal Commission
 - Coastal Zone Management Act (CZMA)
 - Coastal Development Permit (CDP)
 - San Francisco Bay Conservation and Development Commission

California project review would most likely include:

- CEQA compliance and Certification
- Section 401 Water Quality Certification
- CZMA
- CDP
- State Tidelands Lease
- California Endangered Species Consultation
- Land and Streambed Alteration Agreement
- Scientific Collecting Permit



Note: other federal and local agencies will have permitting considerations for wave and tidal energy development



Collaborative Project Review

Project review considerations:

- Effective and efficient review involves all parties early and often
 - Project objectives
 - Agency points of view
 - Issues identification
 - Regulatory environment and processes
- Information sharing and reducing duplication
- Maintaining a project review schedule
- Monitoring strategy to inform adaptive management



Thank You

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