



Regulatory and Licensing Support for Alternative Technologies

Alternative energy technologies, such as wave, tidal, and ocean current technologies face an array of regulatory challenges. In many cases, regulations and policies developed for traditional hydropower developments are not appropriate for these new technologies. Long View Associates is utilizing its years of experience in regulatory arenas involving hydropower licensing, and our considerable expertise in the design and implementation of consultation and regulatory processes that achieve successful outcomes with broad stakeholder support to help this emerging industry be successful.

We approach the licensing and permitting of alternative technologies with the following guiding principles:

- **Recognition of resource ownership and management authority.** The marine environment in which many of these technologies are located is fundamentally different from riverine systems that dictate how proponents of traditional hydropower approach resource agencies and land ownership concerns. The “common property” nature of Territorial Sea and Outer Continental Shelf management regimes has important ramifications on how new technology proponents approach the siting and licensing of their projects including:
 - Stakeholder interactions
 - Approach to information development
 - Interactions with resource agencies and regional policy concerns
- **Early outreach to stakeholders.** Our extensive experience has confirmed the importance early identification of the interests that should be engaged. The ability to effectively communicate with stakeholders, particularly traditional economic users of the marine resources, will be key to a successful consultation process. Long View Associates has
- **Objective assessment of resource concerns and uncertainties.** New technologies provide great promise for delivering clean, renewable energy at a time when our nation’s energy needs are expanding. While resource agencies share a desire to see renewable sources of power made available, their mandates, disaggregated baseline information, and a lack of understanding about possible impacts from these technologies requires that they take a precautionary approach to regulating new technology development. We believe that there are opportunities to help regulators fulfill their public trust responsibilities through a collaborative approach that shares risk. This requires that project proponents utilize creative mechanisms for developing and sharing basic information on possible effects. Such an approach will enable project proponents to make the leap more quickly to full-scale commercial development.
- **extensive experience in engaging traditional fishers and other coastal economic concerns.**





- **Development of long-term resource plans based on adaptive management principles.** Long View is supportive of comprehensive planning and siting efforts to ensure that competing uses in the coastal zone are thoroughly understood; this is an important mechanism developers can use to provide regulators and local communities with comfort that proposed projects have been planned in accordance with a framework that has been thoroughly vetted with stakeholders regulators, and state policy makers.

Long View has participated in a number of planning efforts designed to guide resource management over the long term. We have worked closely with technical workgroups to develop the initial framework for these plans — e.g., through the use of structured decision making, identification of critical uncertainties, and evaluation of scientific information — and have taken lead roles in drafting planning documents.

We are experts at synthesizing a wide array of technical, regulatory, and policy information for clear and to-the-point presentation and analysis in planning and related environmental assessment documents. We take pride in the quality of our communications skills and expertise, understanding that the clarity and accuracy of written and verbal communications corresponds directly to the overall effectiveness of consultation and planning efforts.

Reengineering of existing regulatory frameworks for new technology development. Long View has taken a leadership role in facilitating a dialogue between resource agencies, regulators, stakeholders, and developers on the appropriate mechanisms for regulatory oversight of this new industry.

Our participation in Oregon wave energy policy discussions has helped the state recognize the need for greater collaborative efforts to gather and centralize existing baseline information; organize an effort to launch a coast-wide programmatic assessment; and develop a coast-wide comprehensive planning approach. The goal of these efforts is to improve the opportunities for success by developing a broad base of information and stakeholder involvement.

Long View is also leading industry efforts through the National Hydropower Association to encourage innovative action at the Federal Energy Regulatory Commission to develop a more streamlined and integrated approach to preliminary permitting and licensing for new technologies. The objective is to bring more certainty to the continuum of activity from the demonstration of technology through full commercial deployment.

Please visit our Document Library at www.longviewassociates.com for examples of how we are contributing to this emerging industry.

Specific Services

- Process design, including strategic and logistical planning
- Design of public outreach / public involvement activities
- Information gathering and analysis for planning purposes
- Consultation support
- Meeting facilitation
- Assistance with selection of technical contractors
- Database development / information management
- Technical and non-technical writing:
 - License/permit applications
 - Stakeholder communications
 - Meeting presentation materials
 - Grant applications
 - Management plans

References

- Onno Husing, Executive Director
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Association (541) 265-8918
- Todd Glass, Attorney
HEWM LLP, Seattle
(206) 398-6412
- Gail Achterman, Director
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