

Resource Topics – FERC Pilot License Application

PG&E is using the Federal Energy Regulatory Commission's (FERC) new Hydrokinetic Pilot License Application process for wave energy projects that produce up to five megawatts (5MW) in capacity for a five-year license term. If the license is granted, PG&E will test new wave energy technologies over this five-year term. Under this Pilot Project License Application process, PG&E is working with the Humboldt Working Group (HWG, which includes regulatory agencies and community members) to prepare a draft application to be filed on February 26, 2010. This draft application will include a draft biological assessment, monitoring and adaptive management plans, and a navigation plan.

Over the next few months, PG&E and the HWG will continue to work together to prepare a Final Pilot License Application, which is anticipated to be filed with FERC in the fall of 2010.

Resource Topics to be Addressed:	Resource Issues to be Addressed:
<p>Geology and Soils Offshore – geology and offshore substrate Onshore – soils and erosion and sedimentation</p> <p>Water Resources (Oceanography and Water Quality) Ocean Resources Seasonal wave patterns Wave energy potential Water Quality Marine water column</p> <p>Biological Resources Marine Fish Anadromous fish Pelagic and pelagic schooling fish Demersal fish Skates and rays Sharks Marine Wildlife Whales and other cetaceans Seals and other pinnepeds Marine turtles including leatherback turtles Zooplankton Southern sea otters Marine Vegetation Kelp and marine vegetation Zooplankton Benthic Invertebrates Terrestrial Wildlife Birds Botanical Resources Wetlands Freshwater Fish (and anadromous fish in freshwater)</p> <p>Recreation and Land Use Recreational Use of the Ocean Recreational fishing Recreational diving Kayaking Whalewatching Onshore/Nearshore Recreational Use Surfing Camping Sightseeing Beachcombing Hiking Biking Horseback Riding Onshore Facility Planning and Zoning</p> <p>Cultural Resources Prehistoric and Historic Archaeological Sites Onshore Underwater Archaeology and Shipwrecks Historic Buildings and Structures Native American Cultural Resources and Traditional Cultural Properties</p> <p>Aesthetic Resources Visual and Scenic Resources of the Project Areas</p> <p>Socio-economic Resources Socioeconomics of Commercial Fishing Industry Socioeconomics of the Recreational Fishing Industry Socioeconomics of other Tourist Industry Other Economic Uses of the Ocean</p>	<p>Geological Hazards Tsunami Earthquake Sediment Transport and Geomorphology</p> <p>Rare, Threatened and Endangered Species Marine Species (Cetacean, Anadromous Fish, Birds) Terrestrial Wildlife, Birds, and Botanical Resources</p> <p>Biological Resources and Habitat Marine, Tidewater, and Anadromous Fish Electromagnetic Fields Artificial Reefs Biofouling Prevention Marine Mammals Migration of whales Pinneped Haulout</p> <p>Recreation and Land Use Consistency with Comprehensive Plans Siting and Zoning of the Onshore Facilities Recreational Fishing and Whale Watching Surf</p> <p>Cultural Resources Native American Cultural Resources Onshore Prehistoric Archaeological Resources Shipwrecks</p> <p>Aesthetic Resources Visibility and Visual Resources Effects Acoustic and Audibility Lighting</p> <p>Socioeconomics Economic Effects on Commercial Fishing Economic Effects on Recreational Fishing Effects on the Tourist Industry Local Economic Benefits</p>

