

PG&E WaveConnect
Humboldt Working Group (HWG)
Site Selection Subcommittee

Freshwater Tissue Plant
Samoa, CA

August 10, 2009

Meeting Summary

Overview

The goal of the Site Selection Subcommittee was to provide input to the HWG on preferred options for siting the pilot project.

Discussion Highlights

- Bill Toman, PG&E Senior Program Manager, presented eight cable landing site alternatives under consideration for the pilot project, all of which are located on the northern spit of Humboldt Bay. He compared and contrasted the attributes of each including: siting feasibility, cost to ratepayers, environmental considerations, and compatibility with existing uses. The PowerPoint presentation of the site alternatives can be found on the WaveConnect website: <http://www.pge.com/myhome/environment/pge/cleanenergy/waveconnect/relateddocuments.shtml>
- The subcommittee reached consensus on preferred onshore and offshore sites for the pilot project: the offshore site should be at the far northwestern corner of the preliminary permit area, hugging the three nautical mile line. The exact location is subject to confirmation of the maximum cable length that will fit on a reel for shipment by freighter, vice carousel ship. Note: the cable bundle cost is \$150 per foot (\$800,000 per mile) plus installation costs.
- The subcommittee reached consensus on the preferred onshore sites. The group agreed that the best alternatives for the onshore cable landing site are the three southern-most options near the PG&E Fairhaven Substation. Another potentially favorable landing site is the Manila Wastewater Treatment Site. The group agreed that PG&E should continue to search for the best onshore landing site based on the criteria presented (and listed above).
- The fishing community stated that PG&E need not bury the power cable bundle, but rather place it on the sea floor and they could “work around” this.
- PG&E committed to researching gear recovery options for crab pots lost from entanglement with the Wave Energy Conversion (WEC) anchoring devices.
- The subcommittee agreed that it is preferable for the WEC devices to be arrayed in a linear fashion roughly parallel to the 3 nautical mile line rather than in a layered array.
- The discussion of whether or not there will be a single use zone around the pilot project will be continued with the full HWG.

A summary of the above discussion points and decisions will be presented to the HWG at the August 26th meeting. PG&E will prepare an updated presentation that highlights the preferred options for onshore and offshore sites.

Attendees

- Ken Burns, Commercial Trawler Fisherman
- Kevin Pinto, Commercial Fisherman
- Larry De Ridder, Humboldt Area Saltwater Anglers
- Aaron Newman, Humboldt Bay Fishermen's Marketing Association
- Pat Higgins, Humboldt Bay Harbor Recreation and Conservation District
- Bill Lydgate, Surfrider Foundation, Humboldt Chapter
- Scott Willits, Surfrider Foundation, Humboldt Chapter
- Craig Goucher, Trinidad Bay Fishermen's Marketing Association
- David Ammerman, U.S. Army Corps of Engineers
- Bill Toman, PG&E
- Ian Caliendo, PG&E
- Alison Talbott, PG&E
- Doug Davy, CH2M Hill, PG&E consultant
- Rick Williams, SAIC, PG&E consultant
- Briana Moseley, Kearns & West
- Janet Thomson, Kearns & West

By Phone:

- Tom Luster, California Coastal Commission
- John Dye, California State Lands Commission