Quarterly Technical Progress Report

Project Title: SITING PROTOCOLS FOR MARINE AND HYDROKINETIC ENERGY PROJECTS

Covering Period: January 1, 2012 to March 31, 2012

Date of Report: July 5, 2012

Recipient: Pacific Energy Ventures, LLC

Award Number: AWARD #DE-FC36-08GO18176

Working Partners: None

Cost-Sharing Partners: None

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DOE Project Team: DOE HQ Program Manager – Jacques Beaudry-Losique
DOE Field Contract Officer – Pam Brodie
DOE Field Contract Specialist – Kerry Herbert
DOE Field Project Officer – Tim Ramsey
DOE/NAVARRO Project Monitor – Samantha Quinn

Project Objective: The purpose of this project is to identify and address regulatory issues that affect the cost, time and the management of potential effects as it relates to siting and permitting advanced water power technologies.

Background: The overall goal of this effort is to reduce the cost, time and effort of managing potential effects from the development advanced water power projects as it relates to the regulatory process in siting and permitting. To achieve this goal, a multi-disciplinary team will collect and synthesize existing information regarding regulatory processes into a user-friendly online format. In addition, the team will develop a framework for project planning and assessment that can incorporate existing and new information. The team will actively collaborate and coordinate with other efforts that support or influence regulatory process. Throughout the process, the team will engage in an iterative, collaborative process for gathering input and testing ideas that involves the relevant stakeholders across all sectors at the national, regional, and all state levels.

Status: Below is a description of the work completed for each task for the quarter:

Task 1.0 Integrated Work Plan – This task is complete.

Task 2.0 Existing Process Review - This task is complete.

Task 3.0 Online Tools - This task is complete.

Task 4.0 Stakeholder Engagement Process - This task is complete.

Task 5.0 Planning and Assessment Framework

5.1 West Coast Wave Energy Siting Framework - This task is complete.

5.2 Puget Sound Tidal Energy Siting Framework

- i. **Planned Work for the Quarter** – Task is complete. Will be submitted to DOE for final review prior to being publicly available.
- ii. **Actual Work done for the Quarter** – N/A
- iii. **Explanation of Variance** – N/A

Plans for Next Quarter: During the next quarter of the project, the following major activities are planned:

▪ **Task 5.2 – Puget Sound Tidal Energy Framework**

PEV expects to finalize the content and make it publicly available.

Patents: No patents are expected to be developed as part of this award.

Publications / Presentations/Travel:

- There was no travel during this period.

Project Schedule & Milestones						DE-FC36-08GO18176
Task Number	Title	Task Completion Date				Progress Notes
		Original Planned	Revised Planned	Actual	Percent Complete	
1	Integrated Workplan	Sep-09		Sep-09	100%	Complete
2	Existing Process Review	Nov-09		Nov-09	100%	Complete
3	Online Tools	Apr-10		Apr-10	100%	Complete
4	Stakeholder Engagement Process	Jun-10	Sep-10	Sep-10	100%	Complete
5	Planning and Assessment Frameworks					
5.1	West Coast Wave Energy Framework	Oct-10	Jan-11	Jan-11	100%	Complete
5.2	Puget Sound Tidal Energy Framework	Nov-10	Mar-11	IIQ2012	99%	Waiting for DOE review of content

Cost Share Contributions						
Funding Source	Approved Cost Share		This Quarter		Cumulative to Date	
	Cash	In-kind	Cash	In-kind	Cash	In-kind
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Cost Share Contributions						

Spend Plan Data: The actual spending should reflect the money actually spent on the project in the corresponding periods.

Spend Plan Data							
Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H
Quarter	From (mm/dd/yy)	To (mm/dd/yy)	Estimated Federal Share	Actual Federal Share	Estimated Recipient Share	Actual Recipient Share	Actual Cumulative Share (E + G)
Q1	01/01/09	03/31/09	\$212,320	\$212,320			\$212,320
Q2	04/01/09	06/30/09	\$135,012	\$135,012			\$135,012
Q3	07/01/09	09/30/09	\$124,871	\$124,871			\$124,871
Q4	10/01/09	12/31/09	\$163,105	\$163,105			\$163,105
Q5	01/01/10	03/31/10	\$103,904	\$103,904			\$103,904
Q6	04/01/10	06/30/10	\$97,843	\$97,843			\$97,843
Q7	07/01/10	09/30/10	\$61,990	\$61,990			\$61,990
Q8	10/01/10	12/31/10	\$20,751	\$20,751			\$20,751
Q9	01/01/11	03/31/11	\$0	\$0			\$0
Q10	04/01/11	06/30/11	\$0	\$0			\$0
Q11	07/01/11	09/30/11	\$0	\$0			\$0
Q12	10/01/11	12/31/11	\$28,283	\$28,283			\$28,283
Q13	01/01/12	03/31/12	\$1,701	\$0			\$0
Q14							\$0
Totals			\$949,780	\$948,079			\$948,079