

PMC-ND
(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT:Dehlsen Associates, LLC

STATE: CA

PROJECT TITLE : Advanced Controls for the Multi-pod Centipod WEC device

Funding Opportunity Announcement Number **Procurement Instrument Number** **NEPA Control Number** **CID Number**
DE-FOA-0000848 DE-EE0006404

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

A9 Information gathering, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

Rationale for determination:

The U.S. Department of Energy is proposing to provide federal funding to Dehlsen Associates, LLC to research and develop innovative advanced control algorithms to optimize power production and dynamic loads to reduce Cost of Energy (CoE) and improve Power-to-Weight ratio (PWR) for their Centipod Wave Energy Converter marine and hydrokinetic (MHK) device utilizing a novel energy efficient Power Take-Off (PTO) system.

Tasks funded under this award are administrative and analytical in nature and consist of information gathering, analysis, and dissemination activities that would include, but are not limited to preliminary design, computer modeling, simulation and data analysis and validation. In-water equipment deployment/testing or laboratory scale research and development activities would not occur.

Based on review of the project information and the above analysis, DOE has determined the proposed activities would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with the actions contained in DOE categorical exclusion A9 "information gathering, analysis, and dissemination" and is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

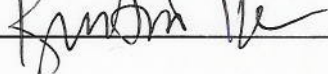
If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

This NEPA Determination does not require a tailored NEPA provision.

Obadiah Broughton 11/27/2013

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 

Date: 12/2/2013