

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



RECIPIENT: CalWave Inc.

STATE: CA

PROJECT TITLE : CalWave xWave Pilot at PacWave-South

Notice of Funding Opportunity Number
DE-FOA-0002415

Procurement Instrument Number
DE-EE0009952

NEPA Control Number
GFO-0009952-003

CID Number
GO9952

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

CX, EA, EIS APPENDIX AND NUMBER:

Description:

B3.6 Small-scale research and development, laboratory operations, and pilot projects

Siting, construction, modification, operation, and decommissioning of facilities for smallscale research and development projects; conventional laboratory operations (such as preparation of chemical standards and sample analysis); and small-scale pilot projects (generally less than 2 years) frequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where active utilities and currently used roads are readily accessible). Not included in this category are demonstration actions, meaning actions that are undertaken at a scale to show whether a technology would be viable on a larger scale and suitable for commercial deployment.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to CalWave Power Technologies, Inc. (CalWave) to design, fabricate, and deploy a wave energy converter (WEC). The WEC would be deployed at the PacWave South test site off the coast of Oregon.

DOE previously completed NEPA Determinations (ND) for Budget Period (BP) 1 and BP2 activities (GFO-0009952-001: exclusion A9, signed 17 May 2022; and GFO-0009952-002: exclusions A9 and B3.6, signed 24 June 2024). This ND applies to BP3 activities, specifically Tasks 7, 10, 11, and 13. This ND does not apply to BP3 Tasks 14 and 15, which involve staging and deployment of the WEC. DOE would complete the NEPA review for BP3 Tasks 14 and 15 when sufficient information is available to conduct a meaningful review.

Proposed BP3 activities would include installation of computers and control equipment at the PacWave Utility Connection and Monitoring Facility in Newport, Oregon, as well as control equipment testing, computer modeling, and assembly of WEC components at the CalWave test center in Alameda, California.

All activities would take place in facilities designed for the type of work proposed. No building modifications, outdoor installations, or additional permits would be required. Potential hazards include typical hazards associated with hydraulic, electrical, and mechanical work. Award recipients would adhere to established health and safety policies and procedures when performing project work, and would observe all applicable federal, state, and local health, safety, and environmental regulations.

DOE has considered the scale, duration, and nature of proposed activities to determine potential impacts on resources, including those of an ecological, historical, cultural, and socioeconomic nature. DOE does not anticipate impacts on these resources which would be considered significant or require DOE to consult with other agencies or stakeholders.

NEPA PROVISION

DOE has made a conditional NEPA determination.

The NEPA Determination applies to the following Topic Areas, Budget Periods, and/or tasks:

BP3 Tasks 7, 10, 11, and 13

The NEPA Determination does not apply to the following Topic Area, Budget Periods, and/or tasks:

Notes:

Water Power Technologies Office
NEPA review completed by Andrew McClellan, 14 May 2026

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposal fits within a class of actions that is listed in Appendix B to 10 CFR Part 1021 or Appendix B and C of DOE's NEPA Implementing Procedures (June 30, 2025). To fit within the classes of actions listed in Appendix B to 10CFR Part 1021, or Appendix B of DOE's NEPA Implementing Procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR Part 1021 and DOE's NEPA Implementing Procedures.

There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.

The proposed action has not been segmented to meet the definition of a categorical exclusion.

A portion of the proposed action is categorically excluded from further NEPA review. The NEPA Provision identifies Topic Areas, Budget Periods, tasks, and/or subtasks that are subject to additional NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

 Electronically
Signed By: **Nicole Serio**

NEPA Compliance Officer

Date: **5/14/2026**

FIELD OFFICE MANAGER DETERMINATION

- ☒ Field Office Manager review not required
☐ Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____

Field Office Manager

Date: _____