

PMC-EF2a

(20102)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: Algenol Biofuels Inc.

STATE: FL

**PROJECT TITLE :** Recovery Act: Integrated Pilot-Scale Biorefinery for Producing Ethanol from Hybrid Algae

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000096	DE-EE0002867	GFO-10-287-001	EE2867

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:

**C12** Siting, construction, and operation of energy system prototypes including, but not limited to, wind resource, hydropower, geothermal, fossil fuel, biomass, and solar energy pilot projects.

## Rational for determination:

DOE is proposing to provide federal funding to Algenol Biofuels, Inc. to design and build and operate a pilot-scale integrated biorefinery.

DOE is required to complete an Environmental Assessment before deciding to commit federal funds to this project.

Construction of the proposed biorefinery would disturb over 24 acres. DOE's Environmental Assessment will analyze at a minimum: air quality including greenhouse gases; water usage, use of biological materials (GMO strains); management of waste streams; biological and cultural resources; and impacts of water discharge.

DOE previously CXed Budget Period 1 activities for this project. This determination that an Environmental Assessment is required applies to Budget Period 2 activities.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

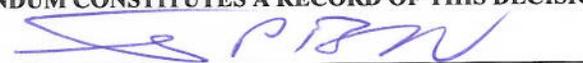
Insert the following language in the award:

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:

  
NEPA Compliance Officer

Date:

5/13/10

**FIELD OFFICE MANAGER DETERMINATION**

Field Office Manager review required

**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

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

Field Office Manager's Signature:  Date: 5-13-10  
 Field Office Manager