

PMC-EF2a

(2.04.02)

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



RECIPIENT: Illinois Dept. of Commerce & Economic Opportunity

STATE: IL

PROJECT TITLE : Lincolnland Agri-Energy, LLC

Funding Opportunity Announcement Number Procurement Instrument Number NEPA Control Number CID Number
0

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:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

The State of Illinois is providing \$712,500 of Recovery Act funding to Lincolnland Agri-Energy for its fermentation expansion project. The project includes the engineering design, procurement, and construction of a fermentation tank at its Palenstine facility located at 10406 North 1725th Street in Palestine, IL. Recovery Act funding will be applied to the purchase of tank equipment, which is intended to increase energy efficiency in the production of ethanol.

The fermentation expansion project will extend the existing process building by approximately 3,000 sq ft. The building extension will be of like kind, that is steel structure, metal sided, to match the existing building structure. The added production infrastructure (including a heat exchanger, recirculation pump, and process drains) will be located within the proposed building extension. The proposed fermenter tank; however, will be outside and adjacent to the building. This tank will be connected to the building infrastructure and to other existing tanks. The new fermenter will utilize the existing cooling water system. The area where the building extension and fermenter is to be located is within the existing plant footprint and consists of gravel and mown grass. Permits for the facility expansion have been obtained with assurance that current emission limits will not be exceeded. The production plant improvements will result in lower process waste streams, thus improving environmental operations.

In view of the information provided by the State and Applicant, that the expansion will occur within the existing footprint of the facility; that process streams are projected to be lower, and that operation permits are in place to accommodate the expansion effort, I have determined that the work identified can be classified as Categorical Exclusion B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

According to the Project Officer, the funding for this project is \$712,500. Unless the scope of this effort changes significantly, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____
NEPA Compliance Officer

Date: 3/12/10

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: _____
Field Office Manager

Date: _____