PMC-EF2a

(2.04.02)

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

RECIPIENT: EnerDel, Inc. **STATE:** IN

PROJECT TITLE : Market 4: Accelerating Consumer and Commercial Clean Energy Deployment

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052		GFO-10-077	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:

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:

SEP ARRA funds will provide a $5M loan to purchase equipment used in the testing of lithium battery systems for automotive electrification, smart grid stationary, and energy storage. This equipment will use cycling devices to capture and recycle the energy resulting in a 60% energy savings for this energy intensive process. The equipment will consist of Bitrode (plug and test capabilities), ABC17OCE (test energy storage systems for electric and hybrid vehicles), AV900 (test high performance and heavy duty electric and hybrid vehicles), and a thermal chamber (replicate different ambient conditions). No exterior changes will be made to the building as part of this project. Total equipment cost is $10,000,178. Additional funding for the project has been secured by EnerDel, Inc .

Under DOE's Loan Guarantee Program and DOE's Advanced Battery Grant program, an EA is being prepared for 3 sites – Indianapolis (site for this SEP ARRA award), Noblesville, and Greenfield, IN. The EA and the FONSI address all projects in a single document. This document notes that the potential environmental impacts are limited to incremental increases in the energy use, utility service needs, generation of hazardous and industrial waste, and vehicle traffic. The incremental increase in air emissions was accounted for in the existing air quality permit. These incremental increases would be small and well within the capacity of existing services and suppliers.
The document is titled: DOE'S PROPOSED FINANCIAL ASSISTANCE TO ENERDEL, INC. FOR ITS EXPANSION OF BATTERY MANUFACTURING CAPABILITIES AT INDIANAPOLIS, NOBLESVILLE AND GREENFIELD, INDIANA (DOE/EA-1710, March 2010), and is attached. The FONSI was signed March 18, 2010 and is also attached.

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: _____ Date: 3/23/10
NEPA Compliance Officer

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: 3/23/10
Field Office Manager