

PMC-EF2a

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



(201402)

RECIPIENT: Michigan Energy Office

STATE: MI

**PROJECT TITLE :** EERE Loan Program - NextEnergy

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE0000166	GFO-0000166-050	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:

**B5.23 Electric vehicle charging stations**

The installation, modification, operation, and removal of electric vehicle charging stations, using commercially available technology, within a previously disturbed or developed area. Covered actions are limited to areas where access and parking are in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

**Rational for determination:**

The U.S. Department of Energy (DOE) provided funding to the Michigan Energy Office (MEO) under the DOE's American Recovery and Reinvestment Act of 2009 State Energy Program (SEP). MEO selected NextEnergy to receive \$800,000 in SEP funding (total project cost - \$1,600,000).

NextEnergy would use federal funding to partially fund the purchase of equipment and materials that would be used to install a four bay commercial electric vehicle charging station for its Vehicle-to-Grid project at the its existing facility located at 803 Burroughs Street, Detroit, Michigan, 48202 (proposed project). The charging stations would be located adjacent to the building (currently a small, grassy area) and would require new concrete slabs and connections to electricity.

DOE has determined that the proposed project would have a minimal impact on land use, as it is consistent with the current use of the facility and would require only a minor expansion. Other than any permits related to the installation of the concrete pad and electric connections, the proposed project will not require modifications to or additional permits. The proposed project would not impact any wetlands or floodplains. DOE has determined the proposed project would have No Effect on any listed endangered or threatened species. DOE has determined the proposed project would not have an adverse effect to historic or cultural resources (as it would take place on previously disturbed land in an urban area). DOE has determined the proposed project would lead to a negligible increase in the amount of traffic coming to NextEnergy to utilize the charging stations. DOE has determined the proposed project would have a minimal impact on utilities/electricity as facility has an adequate electrical service to support the proposed project.

The proposed project is consistent with categorical exclusion B5.23, "electric vehicle charging stations," because it involves the installation of electric vehicle stations at a previously disturbed area. Therefore, based on analysis of the proposed project (including its potential for cumulative impacts), DOE has concluded the proposed project will not significantly impact the human environment and is categorically excluded from further NEPA review under CX 5.23.

**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 :

SEP funding - \$800,000  
Total project cost - \$1,600,000  
EF2a prepared by Melissa Rossiter

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

NEPA Compliance Officer Signature: Kimberly Kim Date: 11/17/2011  
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: \_\_\_\_\_  
Field Office Manager

The U.S. Department of Energy (DOE) provided funding to the Michigan Energy Office (MEO) under the DOE's American Recovery and Reinvestment Act of 2009 State Energy Program (SEP). MEO selected HydroEnergy to receive \$800,000 in SEP funding (total project cost - \$1,600,000).

HydroEnergy would use federal funding to partially fund the purchase of equipment and materials that would be used to install a four day commercial electric vehicle charging station for an Vehicle-to-Grid project at the existing facility located at 505 Birmingham Street, Detroit, Michigan, 48202 (proposed project). The charging stations would be located adjacent to the building (currently a small, empty area) and would require new concrete slabs and connections to electricity.

DOE has determined that the proposed project would have a minimal impact on land use, as it is consistent with the current use of the facility and would require only a minor expansion. Other than any permits related to the installation of the concrete pad and electric connections, the proposed project will not require modifications to or additional permits. The proposed project would not impact any wetlands or floodplains. DOE has determined the proposed project would have no effect on any listed endangered or threatened species. DOE has determined the proposed project would not have an adverse effect on historic or cultural resources (as it would take place on previously disturbed land in an urban area). DOE has determined the proposed project would lead to a negligible increase in the amount of traffic coming to HydroEnergy to utilize the charging station. DOE has determined the proposed project would have a minimal impact on hydroelectricity as facility has an adequate electrical service to support the proposed project.

The proposed project is consistent with categorical exclusion B(2), "electric vehicle charging station", because it involves the installation of electric vehicle stations at a previously disturbed area. Therefore, based on analysis of the proposed project (including its potential for cumulative impacts), DOE has concluded the proposed project will not significantly impact the human environment and is categorically excluded from further NEPA review under CX 2.2.