

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



RECIPIENT: Indiana Office of Energy Development

STATE: IN

PROJECT TITLE : Englewood Community Development Corporation

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-EE0008647	GFO-0008647-002	

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:

A9 Information gathering, analysis, and dissemination	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
B5.1 Actions to conserve energy or water	a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.
B5.16 Solar photovoltaic systems	The installation, modification, operation, and removal of commercially available solar photovoltaic systems located on a building or other structure (such as rooftop, parking lot or facility, and mounted to signage, lighting, gates, or fences), or if located on land, generally comprising less than 10 acres within a previously disturbed or developed area. Covered actions would be 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.
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.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to the State of Indiana for energy efficiency and renewable energy improvements at the Englewood Community Development Corporation (ECDC) building located at

57 N. Rural Street in Indianapolis, IN. The ECDC building is a multi-use building that houses a children's day care, a church, and ECDC administrative offices.

Initially, an energy audit of the entire facility would be completed to ensure all proposed improvements are appropriate and identify possible future energy saving improvements. Proposed project activities would include the installation of a roof-mounted 22 kW photovoltaic (PV) array next to an existing 20kW PV array. A single pole-mounted electric vehicle (EV) charging station with two EV chargers and a 7kW capacity would be installed in the building parking lot. The EV charger would be located between the parking lot and sidewalk at the north entrance to the building and would require an approximate 10 foot long trench from the EV charger to existing electric equipment in the building. Asphalt would be removed for the trenching and would be replaced once the electrical conduit was placed. Additionally, the heating and air conditioning system in the building would be upgraded to a variable refrigerant flow system. Lastly, an energy monitoring system would be added to identify where unnecessary energy is being used in the building, so corrective actions could be taken by building occupants.

The area under construction would be blocked off from the public. Safety protocols would be followed including proper training, the use of protective equipment and proper controls. All waste products would be disposed of by licensed waste management service providers. Required city permits would be obtained by the contractor.

The U.S. Fish and Wildlife Service's Information for Planning and Consultation database shows one insect (Monarch Butterfly), two mammals (Northern Long-eared bat and Indiana Bat) and seven migratory birds (Red-headed Woodpecker, Bald Eagle, Cerulean Warbler, Kentucky Warbler, Prothonotary Warbler, Rusty Blackbird, and Wood Thrush) with the potential to occur in the project area. Because of the nature of the project (i.e. installation of an EV charging station that requires trenching on already disturbed ground), it is unlikely that any of the species of concern would be present in the project area. Additionally, the proposed project site is outside of the critical habitat of all listed species. Accordingly, DOE has determined the proposed project will have no effect on federally listed threatened or endangered species. Further, DOE does not anticipate adverse impacts to migratory bird species.

The recipient worked directly with their State Historic Preservation Officer (SHPO) to ensure protection of cultural resources during the project activities. The SHPO reviewed the proposed project activities and the site location, and did not identify "any historic buildings, structures, districts, or objects listed in or eligible for inclusion in the National Register of Historic Places within the probable area of potential effects." on November 5, 2021. DOE is in agreement with this determination from the Indiana SHPO.

Any changes to the project activities or location are subject to additional NEPA review by DOE and are not authorized for Federal funding unless and until the Contracting Officer provides written authorization on those additions or modifications.

The project site is outside of the 100-year floodplain.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

Weatherization and Intergovernmental Programs Office - State Energy Program
NEPA review completed by Diana Heyder, 3/31/2022

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or the part of the proposal defined in the Rationale above) fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the

environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

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. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The proposed action is categorically excluded from further NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



Electronically
Signed By: Casey Strickland

NEPA Compliance Officer

Date: 3/31/2022

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: _____