

PMC-ND
(1.08.09.13)

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



RECIPIENT: Metropolitan Energy Center

STATE: KS

PROJECT TITLE: Electric Vehicle Market Simulation in Divested Economies

Procurement Instrument Number
DE-0200063

NEPA Control Number
NETL-000863-006

CID Number
N7903

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:

All information gathering, analysis, and dissemination environmental monitoring. (See Appendix E for the subject.)

Information gathering including, but not limited to, literature surveys, interviews, 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 monitoring and/or data analysis.

EA Smart scale research and development, laboratory operations, and pilot projects

Siting, construction, modification, operation, and decommissioning of facilities for research and development projects, conventional laboratory operations (such as preparation of chemical standards and sample analysis), and analytical pilot projects (generally less than 1 year) primarily conducted to verify concepts before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where other utilities are located), and government-owned or -leased, and not directly owned or leased, and not for resale or development (such as installation and testing of sensors and data); programmed testing of hardware settings; placement of items on test water heaters; installation or replacement of energy efficient lighting (such as fluorescent, compact fluorescent, and LED); and other activities.

EA 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 activities may include financial and technical assistance to individuals (such as lighting, energy, conservation, maintenance, and diagnostic) organizations that are located, and government-owned or -leased, and not directly owned or leased, and not for resale or development (such as installation and testing of sensors and data); programmed testing of hardware settings; placement of items on test water heaters; installation or replacement of energy efficient lighting (such as fluorescent, compact fluorescent, and LED); and other activities. (b) Conservation systems, and diagnostic installation of diagnostic systems, improvements to generate electricity and assistance efficiency energy efficiency improvements for vehicles, and transportation (such as fuel changes); transportation management systems (such as traffic signal systems, carpooling, speed cameras, and automated data transfer); development of energy efficient manufacturing, installation, or building practices, and on-site energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building retrofits or new structures, provided that the floor is previously disturbed or developed area. Covered actions shall require contracts, research, operations, installation, or regulatory actions. Covered actions do not include rulemaking, standard-setting, or proposed DOE legislation, except for those actions listed in the top three categories. (c) Covered actions include rulemaking 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 uncontrolled conflicts concerning alternative uses of available resources (such as water or limited air 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.

EA 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:

NEPA PROVISION

DOE has made a conditional NEPA determination.

The NEPA Determination applies to the following Topic Areas, Budget Periods, and/or tasks:

Installations at the following locations:

- 1490 W Ironwood Street, Olathe, KS 66091-5313
- 800 S Curtis Street, Olathe, KS 66061-6696
- 25787 W 119th Street, Olathe, KS 66081-9532
- 200 W Harvard Street, Olathe, KS 66061-2487
- 27065 W 83d Street, Lenexa, KS 66227-5548

The NEPA Determination does not apply to the following Topic Area, Budget Period, and/or tasks:

A completed EQ is required for any TBD location sites/charging stations. A separate NEPA review is required for the TBD location sites. This CX covers all activities except the TBD location sites.

Notes:

This project number and recipient have previously received a CX on previous work. This new CX has been signed due to the recipient adding additional project locations. The control number reflects the prime recipient has received multiple NEPA determinations. As noted by the NEPA Control Number NETL-000863-006, this is the 6th CX associated with the initial award. Sensitive environmental resource areas should be avoided. This CX does not cover field placement on historic buildings/structures or sensitive environmental resource areas. These areas should be avoided. Additional NEPA reviews are required for these sensitive areas.

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (or 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 A, 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-eligible petroleum and natural gas products that present 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.

A portion of the proposed action is categorically excluded from further NEPA review. The NEPA Provision identifies Topic Areas, Budget Periods, tasks, and/or subtasks that are subject to additional NEPA review.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:



Date:

3/4/2025

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: