PMC-ND
(1.08.09.13)

U.S. DEPARTMENT OF ENERGY
Office of Energy Efficiency and Renewable Energy
NEPA Determination

Recipient: Virginia Department of Energy (formerly Virginia Department of Mines, Minerals and Energy)  State: VA
Project Title: The Mid-Atlantic Electrification Partnership: An Electrification Ecosystem of Intermodal Leadership and Intercity Travel

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, ES APPENDIX AND NUMBER:

Description:

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 B.3 of appendix B to this subpart.)

B3.6 Small-scale research and development, laboratory operations, and pilot projects

Siting, construction, modification, operation, and disembarrassing of facilities for small-scale research and development projects; conventional laboratory operations; (such as preparation of chemical standards and sample analysis); and small-scale pilot projects (generally less than 2 years) frequently conducted to verify a concept before demonstration actions, provided that construction or modification would be within or contiguous to a previously disturbed or developed area (where active utilities and currently used roads are readily accessible). Not included in this category are demonstration actions, meaning actions that are undertaken at a scale to show whether a technology would be viable on a larger scale and suitable for commercial deployment.

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, and homeowners), small businesses, and local, state or regional governments (such as public agencies and non-profit organizations). Covered actions include, but are not limited to, weatherization actions (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 energy management systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fence changes); 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 readers); demonstration 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 result in the proposal 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 RODA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

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.

NEPA PROVISION

DOE has made a conditional NEPA determination.

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

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

A completed EQ is required for the 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-0009225-0038, this is the twenty-eighth CX associated with the initial award.

FOR CATEGORICAL EXCLUSION DETERMINATIONS

The proposed action (for the part of the proposal defined in the Rationale above) falls 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, treatment facilities (including incinerators), but the proposal may include geometrically enclosed waste storage, disposal, recovery, treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or DOECLA-excluded petroleum and natural gas products that present to 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(b) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, genetically engineered organisms, 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 considered to other actions with potentially significant impacts (40 CFR 1508.25(a) ((5)), and is not precluded 40 CFR 1508.2 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:

NEPA Compliance Officer

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 NO:

Field Office Manager's Signature: Date: