# U.S. Department of Energy
## Categorical Exclusion Determination Form

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Proposed Action Title: CATEGORICAL EXCLUSION (CX) FOR REDUCTION AND CAPTURE OF METHANE AND GREENHOUSE GASES (CX-EECBG-010)

Program or Field Office: Energy Efficiency & Renewable Energy (EERE) / Oak Ridge Office (ORO)

Location(s) (City/County/State): All 50 States and U.S. Territories

Proposed Action Description:

The American Recovery and Reinvestment Act of 2009, Public Law 111-5, appropriates funding for the Department of Energy (DOE) to issue/ award formula-based grants to states, U.S. territories, units of local government, and Indian tribes under the Energy Efficiency and Conservation Block Grant (EECBG) Program. DOE's authorization for this program is set forth in Title V, Subtitle E, of the Energy Independence and Security Act (EISA) of 2007. This CX determination is applicable to DOE elements reviewing and awarding formula-based and competitive grants under the EECBG Program, and includes, but is not limited to, EECBG Program activities under the purview of DOE-HQ Energy Efficiency and Renewable Energy, DOE Golden Field Office, and the DOE Oak Ridge Office.

The reduction and capture of methane and greenhouse gases would be conducted by various states, U.S. territories, units of local government, and Indian tribes.

The proposed actions would involve awarding grants for the purchase and implementation of technologies to reduce, capture, and, to the maximum extent practicable, use methane and other greenhouse gases generated by landfills or similar waste-related sources, such as wastewater treatment plants, operations producing food waste, dairy farms and other animal operations.

Categorical Exclusion(s) Applied:

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

B3.9 - Projects to reduce emissions and waste generation

B5.21 - Methane gas recovery and utilization systems

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☑ The proposal 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 proposal that may affect the significance of the environmental effects of the proposal.

☑ The proposal 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.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: GARY HARTMAN Digitally signed by GARY HARTMAN DN: c=US, o=U.S. Government, ou=Department of Energy, cn=GARY HARTMAN, 0.9.2342.19200300.100.1.1=89001000208422 Date: 2011.11.16 13:13:56 -05'00' Date Determined: 11/16/2011