

PMC-ND

(1.08.09.13)

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



RECIPIENT: Arcadia Sch. Dist., City of Beaver Dam, Denmark Sch. Dist., Expera, Inc, Holmen Sch., County La Crosse, Milwaukee Public Schs., NEW Organic, North Crawford Schs., Reedsburg Schs., Riverdale Schs., City Waterloo, City Wausau, LaCrosse Sch. Dist. **STATE:** WI

PROJECT TITLE: WI Office of Energy Innovation: Energy Innovation Grant Program - Energy Efficiency

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
SEP-ALRD-2018	DE-EE-0007494	GFO-0007494-003	

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.

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to the Wisconsin Office of Energy Innovation through the Energy Innovation Grant Program for various energy efficiency upgrades at schools, local governments, and businesses throughout Wisconsin. The proposed activities are limited to:

- School District of Arcadia: replacing two diesel school buses with two propane school buses;
- City of Beaver Dam: Beaver Dam Municipal Building – design and installation of new heat plant boilers along with a building automation system for control and monitoring of the heating, ventilation, and air conditioning (HVAC) system;
- Denmark School District: Denmark Elementary, Denmark Middle and Denmark High School and Early Childhood Center –installation of interior LED lighting and weather stripping and foam insulation for roof and wall intersection to reduce air leakage;
- School District of Holmen: replacing three diesel school buses with three propane school buses;
- County of La Crosse Health and Human Services Building: replacing or retrofitting, when possible, existing light fixtures with LED light bulbs;
- NEW Organic Digestion Facility: replacing diesel trucks with five compressed natural gas (CNG) freightliner vehicles;
- Expera Specialty Solutions Holdings, Inc A.K.A. Ahlstrom-Munksjo NA Specialty Solutions, Nicolet Paper Mill: replacing main mill sump pump, piping the new pump and mill water line to the new heat exchanger, implementing controls, and insulating all water lines;
- North Crawford School District: purchasing two propane school buses;
- School District of Reedsburg: Pineview Elementary School, Webb Middle School, and Reedsburg High School – retrofitting existing interior lights with LED bulbs;
- Riverdale School District: Riverdale Elementary, Riverdale High School, Riverdale District Office, and Riverdale Bus Garage - retrofitting existing interior lights with LED bulbs;
- City of Waterloo: Waterloo City Hall, Karl Junginger Memorial Library, Waterloo Fire Department, Waterloo Public Works Department, Waterloo Fireman’s Park – retrofitting existing interior lights with LED bulbs at all aforementioned City of Waterloo locations, in addition to installing a programmable wireless thermostat at Waterloo Fireman’s Park;
- City of Wausau: retrofitting existing lighting fixtures with LED bulbs, networking and sensor equipment on two city parking structures, one on Washington Street and one on Forest Street;
- Milwaukee Public Schools: Academy of Accelerated Learning, Starms Early Childhood Center, A.E. Burdick School, MacDowell Montessori School, Casimir Pulaski High School, Maple Tree Elementary School, Fernwood Montessori, Lincoln Avenue School, 95th Street School, Dr. Benjamin Carson Academy of Science, H.W. Longfellow School, Hawley Environmental School, IDEAL School, Riley Elementary School, Lowell International Elementary School, Morse Middle School for the Gifted and Talented, and possible other locations to ensure any remaining funding is expended- retrofitting and upgrading existing interior and exterior lighting fixtures with LED bulbs, performing steam trap surveys, repairing and replacing hot water heater flue valves, installing variable frequency drives on HVAC system motors, daylighting controls, occupancy sensors, demand control for kitchen hood ventilation units, and vending machine controls, and converting pneumatic thermostat controls to direct digital control systems. Not all project locations have been identified in the Milwaukee School District. Project locations may be added but project activities would be limited to those listed above.
- LaCrosse School District: State Road Elementary School, Southern Bluffs Elementary, Josephine Hinger Elementary School, Summit Elementary School, Spence Elementary School- LED lighting upgrades would include upgrading the current fluorescent and metal halide light fixtures to new LED fixtures, LED lamps and drivers, and LED Retro-door-Kits. A specialized portion of this project would be targeted towards special needs classrooms in the district. These rooms would be upgraded with new red, green, and blue LED fixtures that have the ability to change color.

Any asbestos containing materials or lead based paint surfaces would be abated, removed, and disposed of according to state and local regulations. All required permits, including electrical permits would be obtained. The state of Wisconsin shall adhere to the restrictions of their DOE executed Historic Preservation Programmatic

[Agreement for historic preservation with their State Historic Preservation Office.](#)

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

[Office of Weatherization and Intergovernmental Programs – State Energy Program](#)
[This NEPA Determination does not require a tailored NEPA provision.](#)
[NEPA review completed by Diana Heyder, 04/18/19](#)

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: _____


NEPA Compliance Officer

Date: 4/25/2019

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: _____