



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



Program or Field Office: Energy Efficiency and Conservation Block Grant Program

Project Title SC-City-North Charleston

Location: City North Charleston SC

Proposed Action or Project Description:

American Recovery and Reinvestment Act:

1) Train staff on energy codes; 2) install solar hot water heaters in fire stations (built between 1959 and 1995) and the Danny Jones Recreation Center (1950); 3) install wind turbines on North Charleston City Hall which will be attached to the HVAC chiller system for an air recovery system; 4) purchase infrared camera to allow inspectors to work with building owners to identify locations of energy leaks; 5) purchase hybrid vehicles; 6) install tankless water heaters in three community centers; 7) distribute education materials to public; 8) retrofit traffic lights to LED lighting; 9) transition lighting to LED lighting at the Fire Museum, City Hall, and other city-owned buildings; 10) retrofit the Train Museum (1962) with new windows, doors, insulation, and HVAC system; 11) low-income residential air conditioning replacement program; 12) develop energy efficiency and conservation strategy; 13) energy efficiency residential retrofits to include weatherizing low-income homes; 14) installation at the Greenhouse Facility several sustainable and energy efficient technology demonstrations including air sealing and insulation demonstrations, technologies to conserve and recycle water, solar tubes and efficient LED lighting packages, solar hot water heating, energy star qualified appliances, and other demonstrations; 15) energy efficient retrofits to the Northwoods Gymnasium (1986) including envelope improvements and advanced air sealing measures, spray foam insulation, installation of HVAC system, water heaters, roof coating, improved indoor air quality measures, and monitoring capacity; 16) energy efficient retrofits to the Ferndale Gymnasium (1980) including new HVAC system and removal of current systems, installation of energy efficient windows, doors, and hot water heater; and 17) technical consultant services to conduct annual audits.

Conditions: Historic preservation clause applies to this application (Activity 2—solar hot water heaters must be in accordance with Programmatic Agreement document)

Categorical Exclusion(s) Applied: A9, A11, B1.32, B2.5, B5.1

\*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR10 21

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Based on my review of information conveyed to me and in my possession (or attached) concerning 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.

ORO NEPA Compliance Officer

**Gary S. Hartman**

Date Determined:

6/30/2011

Record ID: 231



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Comments:

Webmaster: