PMC-EF2a
(20602)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION

RECIPIENT: Delaware Division of Energy & Climate **STATE:** DE

PROJECT TITLE : DE SEO Sub Grantee/Bridgeville Well Pump Replacement

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-EE0000775	DE-EE0000775	GFO-0000775-005	0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:
Description:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

Well House #2, Cherry Alley, Bridgeville, DE 19933:
1. Motor/Pump #2 is located at an approximate depth of 86 ft through an 8" diameter casing, is rated 15 HP at a flow rate of 250 GPM. Drop pipe diameter is 4". This motor will receive a Variable Frequency Drive to improve energy efficiency and performance.
2. Motor/Pump #2D is located at an approximate depth of 378 ft through an 8" diameter casing, is rated 20 HP at a flow rate of 250 GPM. Drop pipe diameter is 4".

Well House #5, South Cannon St. Bridgeville, DE 19933:
1. Motor/Pump #5D is located at an approximate depth of 492 ft through an 8" diameter casing, is rated 30 HP at a flow rate of 300 GPM. Drop pipe diameter is 5".
2. Motor/Pump #5F is located at an approximate depth of 492 ft through an 10" diameter casing, is rated 30 HP at a flow rate of 150 GPM. Drop pipe diameter is 4". All motors/pumps are to be replaced in the same location as the existing units. In the event that the existing drop pipe has deteriorated, this will be replaced as well. All casings will be reused and will not be disturbed.

The replacement of energy efficient motorized equipment in existing facilities is anticipated to have negligible or no affects on the human and natural environment. Project activities are consistent with actions outlined in categorical exclusion B5.1 (actions to conserve energy) and are therefore categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 8/26/11

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.

☐ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____

Field Office Manager