



PMC-EF2a

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



(2.04.02)

RECIPIENT: Minnesota Department of Commerce, Office of Energy Security

STATE: MN

PROJECT TITLE : SEP Residential Ground Source Heat Pump Installations

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE FOA 0000052	DE-EE0000164	GFO-10-623-001	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:

This determination is for the following projects listed below:

Minnesota Department of Commerce, Office of Energy Security SEP ARRA EE0000164  
Residential Ground Source Heat Pump Rebate Program:

## Anderson

- Address- 18989 329th Place, Isle, MN 56342
- Borefield- N 46.29055, W 93.53437

## King

- Address- 3769 Wescott Hills Drive, Eagan, MN 55123
- Borefield- N 44.81999, W 93.13125

## Nyberg

- Address- 3740 Brighton Way, Arden Hills, MN 55112
- Borefield- N 45.05405, W 93.18068

## High

- Address- 2190 Kelzer Pond Drive, Victoria, MN 55386
- Borefield- N 44.85767, W 93.67485

## Morri

- Address- 3719 Centerville Road, Vadnais Heights, MN 55127
- Borefield- N 45.05471, W 93.06601

## Monson

- Address- 13645 Greenwood Trail North, Stillwater, MN 55082
- Borefield- N 44.97344, W 92.83036

## Alexander

- Address- 8051 Kimberly Lane North, Maple Grove, MN 55082
- Borefield- N 45.10149, W 93.50185

## Landis

- Address- 33011 Spruce Road, Motley, MN 56466
- Borefield- N 46.32224, W 9.67326

Korsa

- Address- 12070 210th Street West, Lakeville, MN 55044
- Borefield- N 44.64418, W 93.3093

Every project under this determination is less than or equal to 7 tons, The exchange fluid for these projects is a mixture potable water and food-grade propylene glycol. The MN GSHP rebate program requires contractors to be licensed and/or bonded as applicable under state or local requirements. All electrical work must be performed by a licensed electrician working for a licensed electrical contractor. The ground-loop installers for these projects are IGSHA-certified.

No wetlands or flood plains or coastal zones will be impacted by any of the projects on this list. All project information has been submitted to the local SHPO in the State of MN in regards to state permitting. As part of the requirements within the program all SHPO consultation and permitting must be completed before construction activities can occur. Every project has submitted a waste management plan for all waste generated by the projects.

DOE has reviewed the information for the proposed projects and determined that these projects do not pose a significant impact to human health and/or environment. Therefore these project are Categoricaly Excluded under B5.1 "Actions to Conserve Energy".

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

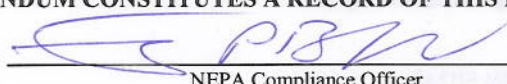
Insert the following language in the award:

Note to Specialist :

This EF-2A was completed by Logan Sholar on 9-20-10

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:



NEPA Compliance Officer

Date:

9/22/10

**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:

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Field Office Manager

Date:

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