

PMC-EF2a

(2.04.02)

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



RECIPIENT: Gas Equipment Engineering Corporation

STATE: CT

PROJECT Recovery Act: Baseline System Costs for 50.0 MW Enhanced Geothermal System -- A Function of  
TITLE : Working Fluid, Technology and Location

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE - PS36 - 09G099018: Item 12; Point 1	DE-EE0002742	GFO-10-337	2742

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:

**A9** Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

## Rational for determination:

Gas Equipment Engineering Corporation (GEEC) would develop a baseline cost model and analyze key parameters driving cost variations in Enhanced Geothermal System (EGS) development. Key parameters that would be analyzed are the type of EGS (CO2 vs. H2O), construction and top side equipment, and variables associated with location (temperature vs. depth, geology, and electric buying/selling rate).

All tasks within the project concern the gathering, analysis, and dissemination of data via reports and publications.

The project involves information gathering, data analysis, document preparation, and dissemination activities only; therefore the DOE has categorized this proposal into Categorical Exclusion A9.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award


Insert the following language in the award:

Note to Specialist :

None Given.

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

NEPA Compliance Officer Signature: \_\_\_\_\_



NEPA Compliance Officer

Date: \_\_\_\_\_

4/16/10

**FIELD OFFICE MANAGER DETERMINATION**

Field Office Manager review required

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