PMC-EF2a
(2.04.02)

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

RECIPIENT: Colorado Seminary, which owns and operates University of Denver **STATE:** CO

PROJECT TITLE : Recovery Act: Multi-level Energy Storage and Controls for Large-scale Wind Energy Integration

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-PS36-09GO99009	DE-EE0004295	GFO-10-010-001	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:

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.

B3.6 Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).

Rational for determination:

The Colorado Seminary/University of Denver's objective for this project is to develop a wind power energy storage system that will have uses at various levels of wind power generation systems.

They will be conducting feasibility studies, computer modeling, and benchmark simulations of the developed technology.

Laboratory and simulation work will be conducted at the University of Denver's campus in Denver, CO. An R&D questionnaire has been submitted for this project and the University has protocols in place that meet with OSHA and EPA standards.

This project is comprises of paper studies, computer modeling and laboratory research; therefore a CX A9 and B3.6 apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Completed by Laura Margason and Cristina Tyler: 9.15.2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 9/16/10
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION