

PMC-EF2a

(20402)

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



RECIPIENT: Show Me Energy Cooperative

STATE: MO

PROJECT TITLE : Moisture Metrics

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	EE0003143	GFO-10-483	EE3141

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 Show Me Energy Cooperative proposes to use federal funding to analyze biomass moisture content within pellets made from corn, wheat, native grasses & straws. This data will be coupled with educational programs at a local university and disseminated to the public via the internet.

This project will include sampling for moisture content upon delivery and prior to processing. The tester, in a coordinated effort with the production manager, will take pellets from the pellet machines in timed intervals to weigh and determine moisture content. The information will then be recorded and analyzed then the data will be uploaded to a website maintained by Show Me Energy and implemented into coursework material at a local university.

This project will involve information collection, sampling of pellets of biomass, information dissemination and educational outreach; therefore CX A9 & B3.6 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 8/4/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.NEPA Compliance Officer Signature: Kristin Kerwin
NEPA Compliance OfficerDate: 8/4/2010**FIELD OFFICE MANAGER DETERMINATION**