

PMC-EF2a

(2.01.02)

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



RECIPIENT: Synchrotek Inc

STATE: WI

PROJECT TITLE : Manufacturing and Commercialization of Energy Efficient Generators for Small Wind Turbines

| | | | |
|--|--------------------------------------|----------------------------|-------------------|
| Funding Opportunity Announcement Number | Procurement Instrument Number | NEPA Control Number | CID Number |
| DE FOA 0000052 | DE EE0000163 | GFO-10-388 | 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.

A1 Routine actions necessary to support the normal conduct of agency business, such as administrative, financial, and personnel actions.

Rational for determination:

The State of Wisconsin will provide \$350,000 in Recovery Act funds to Synchrotek, Inc. for working capital and equipment purchases. Synchrotek is located at 610 Baeten Road, Ashwaubenon, Wisconsin, 54304.

The project involves the manufacturing and commercialization of a 100kW generator and assembly of the generator with an inverter called "gen sets". Synchrotek is leasing space in an ISO registered manufacturing facility with over 130,000 sq ft of design, manufacturing, and assembly space. The project will not expand the building footprint nor will it require significant building repairs.

The project involves the purchase of engineering hardware and software, office equipment, and manufacturing tooling equipment that will be installed in an existing facility. Working capital includes administrative items. The project will not require new permits or changes in existing permits.

Based on information provided by the State and recipient, the work outlined is consistent with activities identified in Categorical Exclusion B5.1 and A1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

According to the project officer, funding for this project is \$350,000. Unless there is a significant change in scope, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

NEPA Compliance Officer

Date: _____

5/19/10