

PMC-EF2a

(2.04.02)

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



RECIPIENT: WA Dept. of Commerce

STATE: WA

PROJECT  
TITLE : SGL Automotive Carbon LLC

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-EE0000139	DE-EE0000139		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:

SGL Automotive Carbon Fibers LLC is opening a plant in Moses Lake, WA to manufacture carbon fiber material to be used in BMW vehicles that will make them lighter and more energy efficient. The SEP funds will be used to purchase and install commercially available equipment designed for increased energy efficiency. DOE funding would be used for the following tasks:

- Task 1: Feasibility study for heat recovery from emissions control equipment.
- Task 2: Design, purchase and install heat recovery system for the carbon fiber manufacturing line's emissions treatment equipment.
- Task 3: Energy efficient technologies for Low Temperature and High Temperature Furnaces for the manufacture of carbon fiber.
- Task 4: Energy efficient technologies for oxidation ovens used for the manufacture of carbon fiber.
- Task 5: Energy efficient technologies for Premium Efficiency Motors.

SGL has been awarded a loan of \$2,000,000 in SEP ARRA funds.

This project involves the purchase of energy efficient equipment and therefore qualifies for a CX under B5.1.

**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: \_\_\_\_\_

*Robin R. Lawrence*

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

*4/15/10*