

Progress Report for period 08/15/2014-09/30/2014

submitted to

Florida Energy Systems Consortium (FESC)

Solar Energy Technologies: Fundamentals and Applications in Buildings

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Summary

In this project, the PI at Florida International University will develop a new online course in solar energy technologies, with emphasis on solar applications in buildings, taking account the unique solar resource and infrastructure in the state of Florida.

During this report period, the PI has received the new award notice from FESC. The research offices at FIU and University of Florida (UF) are currently working on getting the subcontract in place.

Goals and Objectives

In this project, the PI from FIU will develop a new online solar energy course, with emphasis on the solar system applications in different buildings for electrical power generation as well as for heating and cooling systems, by taking into account Florida's solar resource and infrastructure.

The course will be offered completely online through the Blackboard Learn system. The course targets senior undergraduate students and entry level graduate students who study in FIU as well as other universities in the state of Florida. The course will be offered at least once a year. Students will earn 3 credit hours by taking the course in the Spring, Fall, and/or Summer semesters.

Project Activities, Results and Accomplishments

FESC decided to fund this project in August 4, 2014. The official subcontract agreement has been received by the PI on October 8, 2014.

Currently, the research offices at FIU and UF are working on the necessary paperwork to get this contract in place.

Patents

n/a

Publications

n/a

Attachments

n/a