



Date: March 14, 2014

**Report for the period thru March 15, 2014**  
**Submitted to**  
**Department Business and Professional Regulations**  
**Office of Codes and Standards**

<b>Grantee Name:</b>	University of Central Florida/Florida Solar Energy Center		
<b>Grantee Address:</b>	1679 Clearlake Road, Cocoa, FL 32922		
<b>Grantee's Grant Manager:</b>	James Cummings	<b>Telephone No:</b>	321-638-1403
<b>Reporting Period:</b>	Thru March 15, 2014 (Interim)		
<b>Project Number and Title:</b>	<b>A Review of Home Airtightness and Ventilation Approaches</b>		
<p><i>Provide a summary of Project accomplishments to date. (Include comparison of actual accomplishments to the objectives established for the period. If goals were not met provide reasons why)</i></p> <p align="center"><u>Project Overview</u></p> <p>The goal of the Review of Home Airtightness and Ventilation Approaches Code research project is to provide understanding of the consequences of recent trends in airtightness and ventilation, and by means of modifications to the Code avoid potential related indoor air quality and combustion safety problems.</p> <p align="center"><u>Task Updates</u></p> <p><u>Task# 1. Literature Review, Data Examination and Energy Impact Calculations</u></p> <p>Work on Task 1 to this point has included:</p> <ul style="list-style-type: none"> <li>- Two brief organizational meetings</li> <li>- Initial literature review of house airtightness trends since 1995 and current recommendations and policies regarding house envelope airtightness and ventilation strategies</li> <li>- Development of a research summary spreadsheet.</li> </ul>			





Next steps include continuing the literature search and beginning the examination of relevant experimental data.

**Task# 2. Develop Alternative Ventilation Approaches**

No activity for this reporting period.

**Deliverable Update:**

**Deliverable #1 Interim Report**

Completed with this submission

**Deliverable #2 Final Report**

Due June 15, 2014

***A. Provide an update on the estimated time for completion of the project and an explanation for any anticipated delays.***

No relevant information to report at this time

***B. Provide any additional pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit cost***

No relevant information to report at this time

***C. Identify below, and attach copies of, any relevant work products being submitted for the project for this reporting period (eg. report data sets, links to on-line photographs, etc.)***

No relevant information to report at this time

***D. Hours and budget update***

Not available at this time

This report is submitted in accordance with the reporting requirements of Work Authorization for \$27,800 dated Feb 14, 2014.





FLORIDA SOLAR ENERGY CENTER™

*Creating Energy Independence*

*Robin K. Vieira*

Robin K. Vieira  
For James Cummings

March 14, 2014

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Signature of the Grantee's Grant Manager  
James Cummings

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Date

