

April 23, 2010

**GREENHOUSE GAS EMISSIONS REDUCTION FUND  
Quarter 1 2010 Progress Report**

**1. Program Title:**

New England College- Science Building

**2. Program Type**

- Energy efficiency related industrial process and control system (Item # 5).
- Programs to improve the electric and thermal energy efficiency of new and existing commercial buildings (Item # 8).

**3. Summary of work completed during the reporting period September 23, 2009 through December 31, 2009**

**Task 1:** *Install a 1,000,000 Btu/hr boiler at the Science building at New England College.*

- The manufacturing of the boiler building container and the assembly of the boiler system components as has begun at the vendor.



- New England College has completed all the permitting and documentation for the project to satisfy the Town of Henniker's local government and Planning Board.
- Site work for the container will start in April 2010
- There were some delays on gathering all the information for the permitting and finalizing all the details. Everything has been addressed and we are moving forward

- **Percentage of completion: 15%**

**Task 2:** *Set up a web portal through collaboration with New England College that will provide interested parties with pertinent energy data regarding this project.*

- Information is being coordinated and being prepared to be put on the website for the next quarter.

**Percentage of completion: 5%**

#### **4. Summary of work to be completed during the reporting period April 1, 2010 through June 30, 2010**

**Task 1:** *Install a 1,000,000 Btu/hr boiler at the Science building at New England College.*

- Site preparation is expected to begin at New England College.
- Boiler and building will be delivered to the site and put in position
- Silo will be erected on site and the auger will be assembled
- Plumbing and electrical work will be started

**Task 2:** *Set up a web portal through collaboration with New England College that will provide interested parties with pertinent energy data regarding this project.*

- The Propell Energy and New England College web portal will go Live and documentation of the beginning phases of the project.

#### **5. Jobs Created**

This project created the equivalent of four jobs for a period of four weeks through site preparation work, foundation work, building construction, plumbing, electrical work, and mechanical assembly, all in the state of New Hampshire.

#### **6. Obstacles Encountered**

It took a little longer to get all the permitting and design details coordinated. We are now on track and will be starting ground prep in April.

#### **7. Beyond the Contract**

As part of Task 2, Propell Energy will collaborate with New England College to create a web portal documenting the pellet boiler project. We are excited to



work with the students at New England College to design and maintain this Website, and we hope that it will encourage other area schools and colleges to seek alternative energy heating systems and improve their energy efficient processes on campus.

Also as a result of this funding, Propell Energy is working in partnership with Granite State Plumbing on additional projects.

**8. Promotional Materials**

Not applicable at this time.

**9. Budget vs. Actual Expenditures**

Please see attached worksheet.