

GREENHOUSE GAS EMISSIONS REDUCTION FUND
Quarterly Progress Report Form

Organization Name: New Hampshire Housing Finance Authority
Program Title: Greener Homes Program
Program Contact: Ted Wilkinson
Reporting Period 4/1/2011 - 6/30/2011

1) Summary of work completed during this reporting period.

a) Provide a summary of activities relevant to this grant using Exhibit A of your contract as an outline. Include summaries of work completed by all project partners.

*Because none of the projects being funded under the Greener Homes Program (henceforth "GHP") has yet completed the installation of the energy retrofit components comprising each project-specific Energy Reduction Plan (ERP), NHH is not submitting an invoice with this report. As of June 30 we have audited **439 units in 12 projects** around the state. Each of these projects is "in the pipeline", some under full construction, some out to bid, and others refining the scope of work as informed by the initial energy audit and related Energy Reduction Plan. Project completions will start to be recorded in the third reporting quarter, and will accelerate in the fourth quarter of 2011 and into 2012.*

Based on the Scope of Services as enumerated in Exhibit A of our GG erf contract, we are pleased to report the following:

1. As overseen by the Program Implementer (see item #3 below), trained and qualified third-party energy engineers have completed audits and ERPs for 439 units in 12 projects from Portsmouth to Berlin, Claremont to Lancaster, Manchester to Bethlehem. Each of these projects has been modeled in TREAT, and each ERP defines project-specific measures that comprise the scope of work to be bid competitively.

Construction is already underway at the 162-unit Sugar River Mills project in Claremont. In early May construction began at three other projects containing 169 units, while 99 units in seven smaller projects will go out for competitive bids on their individual scopes of work, based on already-completed audits and ERPs.

The actual bricks-and-mortar construction work based on comprehensive energy audits will proceed quickly once the individual project funding has been approved by the NHH Board, and the construction contract is then executed. NHH staff has many years of experience funding and managing complex construction projects, but we recognized our lack of in-house energy engineering expertise, which led to the hiring in March 2011 of TRC as GHP Program Implementer.

2. The GHP Advisory Committee met again on June 3. Representatives of all the entities listed in the GHP RGGI application were present. By design the Advisory Committee reflects a broad range of multi-family projects and owners, explicitly including both for-profit and non-profit interests. All parties agreed that the threshold for project participation for the GHP is that the housing be government-funded and rent-restricted, regardless of the form of ownership. Other criteria include ERPs showing significant projected energy savings, and projects nearing the end of their initial affordability restrictions. Every project funded under the GHP must agree to a minimum of 20 years of affordability restrictions after completion of the energy retrofit. (see #4 below)

3. New Hampshire Housing formally hired TRC Energy Services in early April in the role of Program Implementer for the GHP. Though we were generally familiar with their capabilities from their services rendered during the pilot phase of the GHP, we conducted a rigorous RFQ and subsequent RFP process, winnowing ten prospective energy consultant firms down to a final two (Peregrine Energy and TRC) before choosing TRC as the best of the best. Since signing their GHP consultancy and implementation contract with us, they have consistently exceeded expectations.

In a matter of weeks, not months, TRC produced at least 17 GHP-specific documents, including the 40-page GHP Program Guidelines, selected a short list of qualified Program Partners following a transparent review process with PUC staff participating, and then conducted a day-long Program Partner Orientation in Portsmouth on April 15. We are very pleased but not at all surprised with TRC's impressive performance to date, given their valuable experience running comparable efficiency programs in New York and New Jersey.

With a stable of qualified and trained field auditors ready to go by the end of the first reporting quarter, TRC continues to develop project management tools and metrics to facilitate rapid, efficient program implementation. Another Partner training is planned for June, focused on the nexus between indoor air quality and human health. Existing plans call for TRC to produce and deliver to each owner a Project Manual explaining all systems and components installed during the retrofit, including product specifications and guarantees. At the completion of construction/installation, TRC will provide on-site training for property managers in the proper operation of the HVAC systems. Another critical component of TRC's work scope as Implementer is to manage the post-retrofit testing at every GHP project. Without good post-rehab data to compare to pre-rehab data from the audits, we cannot meaningfully quantify the results of the GHP.

PLEASE NOTE:

Because this is a narrative report only, and does not include an invoice, we have not quantified activities in the summary table below. However, we will provide a full breakdown in the requested format when we submit the first invoice for reimbursement of GHP expenses already incurred, starting with the third quarterly report.

b) List quantitative actions in table format below (see directions for more details)

Table 1: Activity Summary					
Activity	2011 Q1*	2011 Q2	2011 Q3	2011 Q4	2012 Q5

* Please break out activities for the month of December, 2010.

2) List projected annual energy savings by fuel type for all completed energy efficiency projects during this reporting period (see Reporting Instructions for more details.)

Table 2: Projected Energy Savings Summary					
Fuel	2011 Q1*	2011 Q2	2011 Q3	2011 Q4	2012 Q5
Oil (Gallons)					
Electric (kWh)					
Natural Gas (Therms)					
Propane (Gallons)					

* Please break out anticipated annual energy savings for the month of December, 2010.

3) Please list total hours worked on the project as required by your contract.

Table 3: Labor Hour Reporting					
2011 Q1*	2011 Q2	2011 Q3	2011 Q4	2012 Q5	
TRC – 204.5 hrs					

* Please break out total labor hours for the month of December, 2010.

4) Explain any obstacles encountered or any milestones not reached. *Note any problems or delays. **If you have a deviation from the plan, contact the PUC before proceeding and document approved action.***

Implementation is proceeding modestly faster than anticipated. Final project completions are still a month or two away, but just to have 162 units already under construction is highly unusual in the world of multi-family housing development.

5) Summarize work to be completed next quarter:

- 162 units completed
- 191 units under construction
- 175 units contracted for audits
- GHP Advisory Committee meeting

- 6) If applicable, in a section labeled *Beyond the Contract* (or some other well defined title), please report other activities, partnerships, funding or other synergies that have occurred as a result of this funding.

Though it's no longer news, it's still worth pointing out that the \$2M in RGGI funds awarded to the GHP has leveraged an additional \$4M, \$1M from the Office of Energy & Planning and \$3M from NHHFA. That's a nice leveraging ratio for RGGI money.... Initially OEP promised up to \$3M, but much of that has been spent by the NH CAP agencies under their Weatherization Assistance Program.

- 7) If applicable, please include brochures, workshop announcements, or other materials developed to promote your grant activities. Attachments (and other documentation) are appreciated.

PUC staff is in possession of many of the GHP documents extant. Additional program information including project-specific press releases will be submitted with the third-quarter report.

- 8) Complete the Invoicing form which includes your Budget vs. Actual Expenditures. *(Save this worksheet for future reporting as we will want to see your quarterly expenditures as the project continues.)* **You are required to submit budget vs. actual with each invoice.**