

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: 10/1/2011 - 12/31 /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.

As of December 31 we have audited **1,264 units in 40 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. We are pleased to inform you that two projects, Sugar River Mills in Claremont and Eastern Apartments in Concord, were in fact completed during the fourth quarter of 2011, and that projects completions will accelerate exponentially in 2012.

Based on the Scope of Services as enumerated in Exhibit A of our GGFR 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 (Program Partners) have completed audits and ERPs for 1,264 units in 40 projects around the state. 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. Not every project will proceed with installation of recommended measures – our consistent and rigorous audit protocol allows us to assess objectively the potential energy savings in the context of the estimated cost of the proposed measures. This will become increasingly important as we apportion remaining Greener Homes Program funds to the individual projects in our development pipeline. As we reach the end of our funding capacity later this year, hard choices will necessarily be made, and projects that do not indicate sufficient reduction in energy use and greenhouse gas emissions will be placed on the GHP Inactive list pending future program funding.*
2. *The NHH Board approved seven GHP projects in December: Troy Senior in Troy, Beaver Mills in Keene, Melcher Court in Groveton, New Hope Housing in Rollinsford, Rolling Green in Pittsfield, and St. Regis House and Berlin Housing in Berlin. In November the Board approved Lisbon Inn in Lisbon and Mill Knoll in Tilton. We will close the individual loans for each of these projects in the next several weeks, triggering the installation of the recommended energy reduction measures. That brings to thirteen the number of GHP projects now formally approved by our Board.*
3. *New Hampshire Housing hired TRC Energy Services in early April 2011 in the role of Program Implementer for the GHP. We continue to be impressed with their technical competence in quantifying energy consumption and their expertise in managing a complex program. One of their first tasks was to qualify and train a stable of energy auditors to gather the data for each audit and to formulate a project-specific Energy Reduction Plan (ERP) that recommends specific measures to be installed and quantifies the cost and projected energy savings for each measure. That process continues, and all audits and ERPs will be finished in the first quarter of 2012.*

- 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
energy audits		439 units	586 units	225 units	
under construction		262 units	430 units	660+ units	
completed				176 units	

- 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.)

Fuel	2011 Q1*	2011 Q2	2011 Q3	2011 Q4	2012 Q5
Oil (Gallons)					
Electric (kWh)				57,598	
Natural Gas (Therms)				2,970	
Propane (Gallons)				16,004	

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

2011 Q1	2011 Q2	2011 Q3	2011 Q4	2012 Q5
TRC	204.5	533.5	690.25	
NHHFA*	120	160	168	
Eastern Apts.		286	232	
McKee Inn		660	1,288	
Opera Block		420	610	
Wamesit		1,468	2,980	

* NHHFA staff time is an in-kind donation to the GHP, and will not be invoiced for RGGI repayment.

- 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.***

Now that we've started to report completed projects, and having audited 90+% of the projects in the GHP pipeline, we anticipate a much longer list of completions for the next quarter, and more impressive data on the reduction of energy consumption around the state as a result.

- 5) Summarize work to be completed next quarter:

500 units completed

700 units under construction

120 units audited, completing the audit component of the GHP workplan

- 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.

Kismet Beyond the Contract: We're negotiating with Clean Air – Cool Planet to help us implement the Market Transformation aspect of the Greener Homes Program, providing education and training to the tenants living in GHP units. CA-CP is already running the Button-Up NH program for single-family homeowners around the state, and the inclusion of multi-family GHP housing seems like a natural extension of that effort.

Under the auspices of the NH Healthy Homes and Lead Poisoning Prevention initiative, we're coordinating our GHP audit procedures with the One-Touch program, a centralized reporting and referral system managed by the NH Department of Health and Human Services that identifies health concerns stemming from housing deficiencies (e.g. asthma caused by mold). The GHP database will soon include more than one thousand units, and will be made available to HHS to help inform their public health efforts.

- 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 PowerPoint presentations and project-specific press releases is being submitted with this 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.**

Also being submitted with this report