

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: 7/1/2011 - 9/30/2011

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.

As of September 30 we have audited **1,025 units in 38 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 fourth reporting quarter, and will accelerate exponentially in 2012. The expected completion of the Eastern Apartments in Concord has been delayed by the local CAP agency’s apparent inability to assign one of their WAP weatherization crews to install the portion of the Eastern work scope that they agreed to fund.

Based on the Scope of Services as enumerated in Exhibit A of our GGERF 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 1,025 units in 38 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.*

Construction has been completed at the 162-unit Sugar River Mills project in Claremont, and that project is now undergoing post-rehab testing, including blower door tests of individual units and combustion-efficiency testing of the new boilers. Full Project Completion Reports for Sugar River and Eastern Apartments will accompany our fourth-quarter report. Construction is well underway at Wamesit Place in Portsmouth, Opera Block in Woodsville, and McKee Inn in Lancaster, together comprising 169 units of affordable family and senior rental housing.

Just with these four projects, the Greener Homes Program will have achieved 42% of our 785 unit production target. Even with sharply-reduced program funding from OEP, we anticipate exceeding the original target by at least 100 units.

2. *Even though the GHP Advisory Committee did not formally convene during the third quarter, GHP staff was in frequent contact with all Committee members to keep them apprised of the disappointing level of cooperation from OEP in assigning WAP funds to eligible GHP projects, and the effect on the GHP project pipeline of the loss of nearly \$3M in promised funding. All Committee members were advised that we will continue to work down through the project list, assigning available funds to projects in the order in which we receive completed audits and Energy Reduction Plans. Because of the funding uncertainties, we have stopped identifying new potential projects and accepting them into the program.*

3. *New Hampshire Housing hired TRC Energy Services in early April 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. By the middle of the fourth quarter of 2011 we expect to complete the final audits and ERPs for the projects currently in the GHP pipeline, bringing the count of audited units very close to 1,300. Not all of these units will receive a GHP-funded retrofit – some will not produce the minimum 15% reduction in energy consumption (based on their audit), some owners have opted not to encumber their properties with 20 years of future affordability as required under the GHP rules, and at present we lack sufficient funds to complete every audited project.*

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	225	audits complete
under construction		262 units	430 units	660+	875
completed				178	350+

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.)

NOTE: We cannot yet report on completed projects – that will commence with the fourth quarter report. In the interim, the projected aggregate site energy savings from the first 31 projects is **247,072.93 MMBTUs**.

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)					

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	533.5		
NHHFA*	120	160		

* 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.**

It's important to note that TRC expended considerable time and energy during the second and third quarters to assure compliance with a long series of ARRA-driven requirements mandated by OEP staff. For example, the training of Program Partners to perform standardized audits was deemed insufficient because of the lack of a proper ARRA logo on some of the training material, necessitating yet another "training" session for the highly-qualified professionals already certified by TRC for their energy expertise. After many weeks of additional administrative work to update forms, contracting procedures, and Davis-Bacon compliance monitoring procedures to fully conform with every OEP directive, we were informed by OEP staff that we had been too slow in implementing our program, and that most of their WAP money had already been spent.

Another obstacle that recently came to light was the unexpected determination by the NH Division of Historical Resources that the Women In Transition building in Manchester, operated for years by Families In Transition as housing for homeless single women, is in fact eligible for listing on the National Register of Historic Places. That

decision precluded the possibility of adding rigid insulation and replacement siding on the building's exterior, requiring the Program Partner to revise the ERP. But to date this is the only building over which NHDHR has invoked their authority to limit our proposed scope of GHP work.

Otherwise the Greener Homes Program is progressing as planned. TRC and their Program Partners are busily at work all around the state. Of all the CAP agencies in New Hampshire, Tri-County CAP and their WAP director Phil Guiser have proven to be by far the most capable CAP in assigning OEP/WAP funds and weatherization crews to GHP projects in Grafton, Carroll, and Coos Counties. At the current rate of production, it seems likely that the GHP will have expended all program funds and will have easily surpassed the goal of 785 units sometime in the third quarter of 2012.

- 5) Summarize work to be completed next quarter:

178 units completed

660 units under construction

225 units contracted for audits

- 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 will be submitted with the fourth-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.**

Coming very soon....