

GREENHOUSE GAS EMISSIONS REDUCTION FUND
Quarterly Progress Report Form

The second quarter grant report for those who received contract approval on September 23rd, 2009 is April 30, 2010.

Instructions:

- *Please refer to Exhibits A & B of your contract.*
- *Exhibit A outlines the tasks that you agreed to complete. **Your report should explain the work done on each task to date and the percentage of completion.***
- *Exhibit B refers to your payment schedule. Invoices will not be processed without supporting documentation on hours worked. Payment will only be made on work that relates to the contract.*
- *Please submit the report electronically in a Word format. This will allow us to cut & paste for program summaries. Attachments and supporting documents can be provided in hard copy, but pdf versions, where appropriate, are greatly appreciated.*

1. Program Title (*as displayed in your proposal*)

NH Farm Energy Initiative

2. Program Type (*as listed in your proposal*)

Energy Audits; Energy efficiency related industrial process and control systems; Education, outreach and information programs that promote energy efficiency, conservation, and demand response; and Demand response programs to reduce NH's peak electric load.

3. Summary of work completed during this reporting period **January 1, 2010 through March 31, 2010.**

- *Provide a summary of activities relevant to this grant using Exhibit A of your contract as an outline.*
- *For each task, please provide an estimate of the percentage of work completed,*
- *Discuss any benefit your activities may have had for low income residents.*
- *Note any problems or delays.*
- *Note any deviation from the work-plan. **If you have a deviation from the plan, you should contact us before proceeding.***

During this period, the Farm Energy Initiative has completed a majority of the public outreach and has selected some of the farms for energy audits. The remainder of the farms selected for the energy audits was completed in the beginning of the next quarter with all audits beginning during the 4/1/2010-6/30/2010. The only delay is with getting the audits started, but all are now proceeding.

Using *Exhibit A*, here is a list of grant activities this quarter.

Task 2: Draft materials appropriate to the types and scale of NH farmers.

For this task, SNHRCD Board Member Jim Moore wrote the final article for the AgPower Newsletter that was distributed at the conferences. This was an in-kind match.

Task 4: Receive both written and verbal feedback from the focus group on NH energy assessment tools.

The SNHRCD board and staff have continued to take in written and verbal feedback on workshops, materials, and the energy audit process. For this quarter, this task was performed as an in-kind match. The board and staff will continue to take in and incorporate feedback throughout the entirety of the grant.

Task 5: Offer two Train-the-Trainer workshops on energy conservation and generation on the farm.

This task was completed during this quarter. Two workshops were completed with the help of many volunteers. The accomplishments are as follows:

- a. Farm Energy Conference on January 12, 2010 hosted by NH Department of Environmental Services. This event brought together 17 different speakers from Federal, State, and private entities to talk about farm energy efficiency and opportunities. Approximately 100 people attended this conference including agricultural service providers from UNH Cooperative Extension, USDA, agricultural commissions, and the conservation districts. It was also attended by many farmers and members of the energy industry.*
- b. Farm Energy Workshop with an emphasis on the dairy industry held on March 23, 2010 in Littleton. This event highlighted regional dairy energy expert Richard Pederson from the Northeast Agriculture Technology Corp to get a more detailed look into energy efficiency. A special “Dairy Energy Lunch Hour” was provided for people interested in only dairy energy efficiency. Approximately 34 people attended with an audience including ag service professionals, farmers, and other governmental entities.*

Task 6: Work with Trainers and collaborators to plan, organize, and execute 10 farmer education workshops.

This task was completed primarily by Hollie Umphrey, an in-kind match to the grant. Other outreach was performed by the SNHRCD board, Merrimack County Conservation District, and farm energy partners.

Accomplishments include:

- a. Distribution of farm energy materials and audit applications to each USDA Service Center offices (Farm Service Agency and Natural Resources Conservation Service, UNH Cooperative Extension, and the 10 county conservation districts.*
- b. Meetings with the Cheshire, Merrimack, Rockingham, and Strafford County Conservation District Board of Supervisors.*
- c. Meeting with dairy farmers through the Cheshire County Conservation District resulting in several audit applications.*
- d. An informational booth and two workshops at the NH Farm & Forest Expo on February 5th and 6th in Manchester. Over 500 people came to the booth and approximately 40 people in total attended the two workshops.*
- e. An informational booth and a workshop at the Northeast Organic Farming Association- NH Chapter Winter Conference. Over 200 people came to the booth and approximately 12 people attended the workshop.*
- f. The NH Farm Energy Initiative was discussed at the NH Association of Conservation District’s New England Leadership Meeting on March 26th. Approximately 45 people were in attendance.*
- g. Partner Julie Moran discussed the farm energy initiative at energy committee meetings and with individual farmers in Coos County.*
- h. Distributed materials to the Plymouth Area Renewable Energy Initiative in Grafton County.*
- i. Press releases that have been run by the Weekly Market Bulletin and the Farm Bureau Communicator.*
- j. Partner Merrimack County Conservation District held a renewable energy series at the Hopkinton Library drawing over 100 participants from the general public, agriculture industry, and energy industry.*
- k. Many farmers attended the two larger workshops held in Concord and Littleton.*

The farm energy team has tried to utilize many types of media to outreach to farmers and agricultural service providers to bring materials and expertise to interested parties in NH.

Task 7: Identify 25 farms to perform professional Farm Energy Audits in partnership with EnSave.

The Farm Energy Initiative selected six farms for audit during this quarter. The remaining farms were chosen at the beginning of the next quarter.

4. Summarize work to be completed next quarter: **April 1, 2010 – June 30, 2010.**

The majority of the work to be completed during this quarter is the energy audits. It is anticipated that most of the audits will be completed during this period.

5. Please document total hours worked and/or any new jobs created.

The total hours worked, both paid and in-kind match, during this quarter by task are as follows:

Task 2: 2 hours

Task 4: 17 hours

Task 5: 479 hours

Task 6: 329 hours (These hours will be greater because the “trainers” trained during the workshops have not been asked to report their own outreach hours as of yet. These hours will be compiled during the final evaluation part of the grant.)

Task 7: 35 hours

Though no new jobs were completed during this period, one NH company has signed up to be a Technical Service Provider through USDA Natural Resources Conservation Service (NRCS) to provide energy audits through their Conservation Activity Plans. This is the first NH company to sign up to provide energy audits to agricultural entities through NRCS’s Conservation Activity Plan program.

6. Explain any obstacles encountered or any milestones not reached.

Though the completion of the audits is slower than expected, Southern NH RC&D is completing milestones in a reasonable timeframe.

7. 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.

While working on this grant, Southern NH RC&D has identified additional needs that we will be putting proposals together to address. The biggest need is a way to address the technical assistance needs to our small and beginner farmers. We are in the process of submitting proposals and allocating money to this endeavor. Another next step is to take the audit information and provide assistance or incentives to make necessary energy efficiency changes. We will be looking to grant write for this important part.

Throughout the month of March, our partner, the Merrimack County Conservation District, put on a renewable energy series at the Hopkinton Library. The general public and farmers attended these free workshops with over 100 people attending the series. A flyer is attached describing the series. Another partner, the Belknap County Conservation District, will be holding a similar series in June.

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

See attached.

9. Budget vs. Actual Expenditures: (if you have included this with your invoicing, there is no need to repeat for the quarterly report.) *Using the budget you submitted for the final approved grant proposal, please add a column and provide actual expenditures as well as match dollars for this quarter. (Save this worksheet for future reporting as we will want to see your quarterly expenditures as the project continues.)*

Included with invoicing.