

GREENHOUSE GAS EMISSIONS REDUCTION FUND
Quarterly Progress Report Form

The fifth quarter grant report is due November 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 **August 1, 2010 through October 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.***

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

With our partners the Rockingham County Conservation District and the Merrimack County Conservation District, we implemented two farm tours demonstrating the use of renewable energy on farms.

The first one was on Tuesday, October 5th at Cider Hill Farm in Amesbury, MA. Unfortunately, there are so few farms in the state that can showcase renewable energy; we had to showcase a farm on the Massachusetts side of the boarder. Cider Hill Farm is a diverse 145-acre family farm committed to renewable energy. This tour included the three on-site 10-kW wind turbines, three outdoor wood boilers and over 300 solar panels used to heat and power farm buildings and greenhouses and save on energy costs.

The second was on October 19th at North Family Farm in Canterbury, NH. North Family Farm, originally a Shaker farm, specializes in certified organic maple products including maple syrup, cream and sugar. This tour included a turbine and large solar panel that generate energy to run vacuum pumps and reverse osmosis in the maple sugar house and a solar thermal system that heats water for the farmhouse. They also showcased other energy efficiency methods such as their clothes line and their biodiesel production.

Robert Spoerl, acting chairman of SNHRCD, also presented at a farm energy forum at the 2011 New England RC&D Fall Conference at the University of Massachusetts Conference Center in Amherst, MA on October 29, 2010.

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

Over 25 farms have been selected. We are awaiting the energy audits from EnSave and GDS Associates. We are anticipating the completion of all of these audits by March 30th.

4. Summarize work to be completed next quarter: November 1, 2010 – January 31, 2010.

The work completed during this quarter will be primarily completing the farm energy audits and assist farmers with the “next steps” – implementing the recommendations in the farm energy audits. This will include assisting farms with applying for USDA Rural Development REAP applications, USDA Natural Resources Conservation Service EQIP funds, and other programs providing financial assistance. SNHRCD will also work on other grants implementing the recommendations, creating demonstration sites, and providing more audits for farms in need.

5. Please document any jobs created.

SNHRCD is trying to identify more energy audit companies willing to become certified Technical Service Providers to conduct Agricultural Energy Management Plans for the USDA Natural Resources Conservation Service, which could expand their business but has not created jobs. Other than that, no additional jobs have been created this quarter.

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

Though the completion of the audits is slower than expected for reasons beyond our control, 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.

SNHRCD has been actively seeking other grant funds to create demonstration sites and “holistic” farm energy audits that better include the farmstead. SNHRCD has worked with partner USDA Natural Resources Conservation Service in highlighting their Energy Conservation Activity Plans, which they recently unveiled.

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

Included with this reporting form is the press release, brochure, and photos of the alternative farm energy tours.

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 in the invoicing.