

GREENHOUSE GAS EMISSIONS REDUCTION FUND
Quarterly Progress Report Form

1. Program Title
New Hampshire EnergySmart Schools Program

2. Program Type
TRC's New Hampshire Schools Benchmarking Project falls under the following types of programs pursuant to Puc 2604.01(c):

8. Programs to improve the electric and thermal energy efficiency of new and existing residences and commercial buildings

10. Education, outreach and information programs that promote energy efficiency, conservation, and demand response

3. Summary of work completed during this reporting period **Feb 1, 2010 – April 30, 2010**

Marketing and Outreach

- Contacted New Hampshire Department of Education and sent them a brief article on March 8th, 2010 to be included in the NH DOE April edition sent out to schools in New Hampshire and received confirmation of published article on April 16th, 2010. Link to the article: <http://www.education.nh.gov/key/documents/apr2010.pdf>
- Collaborated with Cool Air-Cool Planet, a leading non-profit organization in Portsmouth to promote NH EnergySmart schools program by
 - Posting an article about the program on the NH Community Energy Project website. (Link: http://nhenergy.org/index.php?title=Main_Page)
 - Including the article in the weekly newsletter, Local Energy Committee News sent out on April 9th, 2010. (Refer: Volume 3 #6)
- Worked with Cool Air – Cool Planet towards sponsoring the 2nd Annual Local Energy Solutions Conference to be held on June 19th, 2010. TRC intends to give a brief presentation on the NH EnergySmart Schools program at the conference as well as hold an informal round table discussion
- Contacted eighteen (18) SAU's that applied to the New Hampshire Energy Efficiency & Conservation Block Grant Program. Sent building data forms to 13 SAU's

Benchmarking

- Currently have eighteen (18) school districts enrolled in the program
- Forty seven (47) schools have been benchmarked
- Eleven (11) schools undergoing benchmarking
- The benchmarking system requires approximately 50 buildings in order to calculate comparative statewide statistics. Therefore, no full reports were completed as of April 30th
- The Benchmarking Report draft was edited to include most recent utility incentives and programs available

Adapt Building Energy Performance System to NH

- Currently integrating EPA's automated benchmarking system into our benchmarking data tracking and analysis database application. This will allow us to decrease the cost and effort to benchmark buildings by eliminating duplicate data entry. It will also ensure a higher level of data quality by eliminating a potential source of data entry error and enable us to more quickly recalculate scoring metrics when the EPA changes their rating systems. This system is being developed and tested

4. Summarize work to be completed next quarter: **May 1, 2010 – July 31, 2010**

Marketing and Outreach

- Launch a dedicated NH EnergySmart Schools program website including benchmarking summary statistics and online data collection form
- A presentation and an informal round table discussion on the Program at the 2nd Annual Local Energy Solutions Conference to be held on June 19th, 2010
- Co-ordinate with the NH Local Government Center (LGC) to include the Program information/announcement on the NH LGC website and the June issue of *Town and City*
- Collaborate with other RGGI grantees, utilities, US EPA and others on promoting the benchmarking services
- Develop case studies on completed reports now that the required minimum of schools has been reached
- Consideration of program incentives such as energy assessment tools including infrared thermometer and/or kill-a-watt meter
- Collaborate with Local Energy Committees through existing channels (i.e., Clean Air-Cool Planet)
- Continue to collaborate with the NH Department of Education

Benchmarking

- Complete and send benchmark reports to at least 58 schools now that the 50 building statistical threshold has been met
- Respond to Program inquiries via the toll-free Program phone number
- Assist school districts in compiling data and submitting applications
- Benchmark all the schools registered in the program
- Develop benchmark reports for public and private schools statewide

Adapt Building Energy Performance System to NH

- Complete development and testing of the automated benchmarking system
- We are also working on developing more sophisticated data analysis and reporting options including ad hoc query support.

EPA / Energy Star

- Provide ENERGY STAR Building support as necessary

5. Budget vs. Actual Expenditures (if you have included this with your invoicing, there is no need to repeat this for the quarterly report.)

- Please see invoice reporting form

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

- Lack of response from schools to queries sent after initial utility data review
- Assumptions (reasonable) had to be made if the information provided is incomplete