

GOVERNMENT OF THE DISTRICT OF COLUMBIA
District Department of the Environment



Office of the Director

August 12, 2009

VIA HAND DELIVERY

The Honorable Vincent C. Gray
Chairman
Council of the District of Columbia
1350 Pennsylvania Avenue NW, Suite 504
Washington, DC 20004

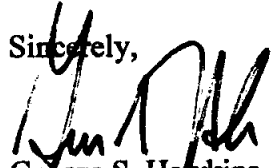
RE: Clean and Affordable Energy Act of 2008, D.C. Law 17-250

Dear Chairman Gray:

Pursuant to section 210(e) and 211(e) of the Clean and Affordable Energy Act of 2008, D.C. Law 17-250, effective October 2008. I am pleased to submit the District Department of the Environment's Clean and Affordable Energy Act (CAEA) Third Quarterly Report for April 2009 – June 2009. This report summarizes the performance of Energy Assistance Trust Fund (EATF) programs and Sustainable Energy Trust Fund (SETF) programs and expenditures during the three months ending June 30, 2009. This document reflects our continuing commitment to focus our efforts on improving the environment, installing more renewable energy systems and making the District more energy efficient.

If you have any questions or concerns on this report please do not hesitate to call me or Keith Anderson on 535-2615 or 478-1417 respectively.

Sincerely,


George S. Hawkins
Director
Department of the Environment

Attachments

cc: Councilmember Mary Cheh, Chairperson, Committee on Government Operations and Environment
DC Councilmembers
Cynthia Brock-Smith, Secretary of the Council



District Department of the Environment
Clean and Affordable Energy Act Quarterly Report
April 2009 – June 2009

District Department of the Environment Energy Office
Clean and Affordable Energy Act Quarterly Report
April 2009 – June 2009

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Attachment 2 - All Financial Activity

Attachment 3 – Administrative Budget and Expenditures

Attachment 4 - Monthly Actual Expenditures by Program

Attachment 5 – SEDS winners

Attachment 6 – SEDS School Visits

INTRODUCTION

The District Department of the Environment's ("DDOE") Clean and Affordable Energy Act (CAEA) Quarterly Report to the Council of the District of Columbia ("Council") covers the period from April 1, 2009, through June 30, 2009. This report summarizes: 1) significant program status; 2) provides timelines and milestones to track the progress and success of each program; 3) offers highlights of ward specific data; 4) includes potential savings estimates based on the recommended measures from audits conducted; and 5) presents the status of administrative and programmatic expenditures.

BACKGROUND

The Retail Electric Competition and Consumer Protection Act of 1999 created the Reliable Energy Trust Fund (RETF), the purpose of which was to fund programs promoting energy efficiency and the use of electricity from renewable sources. In Commission Order No. 13475, Formal Case No. 945, the Public Service Commission of the District of Columbia ("Commission") designated DDOE (previously the DC Energy Office), as the authority to administer all the programs approved for funding from the RETF. Subsequently, the Commission authorized DDOE to implement 16 programs.

Additionally, in 2005 the Council of the District of Columbia passed the Omnibus Utility Emergency Amendment Act of 2005 which established the Natural Gas Trust Fund (NGTF) to promote energy efficient programs and to provide assistance to low-income gas customers in the District. DDOE was designated to act as administrator of all the programs.

On June 2, 2009, the Council approved funds for 2 new programs: a Government Building Energy Efficiency Program and a Small Business Energy Efficiency Program from existing fund balances. Program managers are making preparations with grant awards, contacting applicants from the previous year's waiting list and reaching new applications through list-serves to spend the money in the fourth quarter.

This Report is the third quarterly report required by the 'Clean and Affordable Energy Act of 2008', D.C. Law 17-250, effective October 22, 2008 following the identical emergency legislation, which replaced the RETF and NGTF programs with the Sustainable Energy Trust Fund (SETF) and the Energy Assistance Trust Fund (EATF) programs, funded by a new utility assessment. Until the Sustainable Energy Utility (SEU) is established through a contract with DDOE, DDOE will directly operate programs funded by the SETF. DDOE is operating EATF programs as authorized in the CAEA.

The following programs are currently being administered by DDOE:

Sustainable Energy Trust Fund

1. C5, Home Energy Rating System

Provides energy audits for home owners to determine specific needs for energy efficiency improvement

2. D4, Weatherization Plus

Performs energy audits and installs audit-identified measures in low-income dwelling units

3. D5, Low Income Appliance Replacement Program

Performs energy audits and installs high-efficiency electric appliances to replace old and inefficient models in low-income dwelling units

4. D6, Weatherization and Rehabilitation

Performs energy audits and installs electricity energy-saving measures in rehabilitated low-income housing units

5. E1, Affordable Housing Energy Efficient Rebate Program

Provides rebates for the installation of energy-efficiency measures in affordable housing projects

6. **E2, Weatherization Rehabilitation Asset Partnership**
Performs energy audits and installs energy-saving measures in the dwellings of moderate income families and also refers those households to other programs for which they might be eligible
7. **G2, Heating System Repair, Replacement, and Tune-Up Program**
Performs energy audits and natural gas-fired heating system tune-ups, repairs, and replacements in low-income dwelling units
8. **G3, Residential Weatherization and Efficiency Program**
Enables non-low-income residents to use natural gas in a more efficient and cost effective manner by offering incentives for installing energy efficient gas measures
9. **G5, Energy Awareness Program**
Seeks to raise the energy efficiency awareness levels of District residents
10. **G6, Saving Energy in D.C. Schools**
Educates students about energy efficiency, the environment, and reducing energy consumption in participating schools and extending to the student's homes
11. **Renewable Energy Incentives Program**
Provides rebates and increases the awareness and the use of renewable energy generation technologies by District of Columbia residents, businesses, and institutions
12. **E13, Small Business Energy Efficiency Program**
Provides energy audits and installation of electric-energy-saving measures in participating small business establishments
13. **Government Building Energy Efficiency**
Provides energy audits and installs Energy Efficiency Measures in District of Columbia Government-owned Buildings

Energy Assistance Trust Fund

14. **D1, LIHEAP Expansion and Energy Education**
Provides additional funding for electric customers to be used in concert with the Federal Low Income Home Energy Assistance Program
15. **D2, RAD Extension**
Offers eligible Residential Aid Discount low-income customers expanded discount rates
16. **D3, RAD Arrearages Retirement and Education Program**
Assists eligible RAD customers with their Pepco arrearages
17. **G1, Residential Essential Service Expansion and Awareness Program**
Provides low-income gas customers greater affordability toward their total gas bills and to increase the participation rate by at least 30%.

CAEA BUDGET AND EXPENDITURES

The total budget for the CAEA programs increased in the third quarter by \$7.8M to fund the additional financial needs of new and existing programs in SETF and EATF, as well

as bring the Pepco Payment budget in line with the amount set in the CAEA legislation. The added funds are available through the SETF and EATF fund balances, the use of which in fiscal year 2009 allows the agency to put current resources to work without delay.

The budget increases are as follows:

EATF: D1, Low Income Home Energy Assistance Program - \$1,562,074.

SETF: E1, Affordable Housing Program - \$299,950; E2, Weatherization Rehabilitation Asset Partnership Program - \$287,976; C5, Home Energy Rating System Program - \$370,000; and two new programs-Government Building Energy Efficiency Program - \$2,000,000, and Small Business Energy Efficiency Program- \$480,000. In addition, the Payment to Pepco Project increased by \$2,793,229 to a total budget of \$6M, as stipulated in the CAEA legislation.

This report includes the following financial attachments:

- Attachment 1: Revenue Collections
- Attachment 2: Financial Activity as of the end of the quarter
- Attachment 3: Administrative Budget and Expenditures
- Attachment 4: Monthly Expenditures by Program

Sustainable Energy Trust Fund Programs

Program Name:	Home Energy Rating System
Program Number:	C5
Reporting Period:	April 2009 – June 2009

Project Description

The goal of the Home Energy Rating System (HERS) Program is to allow owners and prospective owners of the property to be aware of the energy performance of their home. It also provides information to enable them to make energy efficiency improvements while insuring their health and safety. This program is limited to single family dwellings, row and townhouses. Condominiums are excluded due to limitations of the owner to implement measures.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishment

The HERS program is fully operational with Elysian Energy and Patuxent Environmental Group (PEG) currently under contract to provide energy audits. Elysian Energy completed 134 audits, and PEG completed 259 audits during this quarter for a total of 393 audits. The program goals have increased from 1,200 to 1,500 due to an increase of budget from fund balance (see CAEA Budget and Expenditures p.3). Table 1 below provides a breakdown of the number of audits completed, and

Table 2 provides the number of clients served and estimated audit cost in each of the eight wards.

Table 1: Home Energy Rating System Deliverables

Program Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
# of Audits Completed	393	1,065	1,500

Table 2: Home Energy Rating System Audit Cost

WARD	Residents Served	Estimated Audit Cost
1	38	\$12,820.00
2	25	\$8,180.00
3	11	\$36,820.00
4	75	\$25,230.00
5	38	\$13,395.00
6	68	\$22,360.00
7	29	\$9,245.00
8	10	\$3,295.00
Total	393	\$131,345.00

During this quarter HERS added an additional 333 names to its waiting list. This program takes a holistic approach in implementing the Home Energy Ratings providing educational materials on other useful District programs: distributing information about radon, lead-paint, tax-credits and carbon monoxide detection and testing.

Table 3: Home Energy Rating System Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 Apr - Jun 2009		
Conducting HERS audits	June 30, 2009	June 30, 2009

Budget Increase

During the month of June DDOE added an additional \$370,000 in funds to the budget, these additional funds will allow DDOE to continue to perform audits through the end of the fourth quarter.

Next Quarter's Projected Goals

During the fourth quarter HERS audits will continue throughout all eight wards of the District.

Table 4: Home Energy Rating System Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 4 July – September 2009		
Continue conducting HERS audits	September 30, 2009	

Issues and Remedial Plan

None

Program Name:	Weatherization Plus
Program Number:	D4
Reporting Period:	April 2009 – June 2009

Program Description

This program expands DDOE’s Weatherization Assistance Program (WAP) to accelerate the installation of energy efficient measures that save electricity. The program performs energy audits and installs audit-identified measures in low-income dwelling units. Typical measures installed may include: energy efficient lighting upgrades, insulation, weather stripping, windows/door replacement, heat pump repair/replacement, hot-water heater replacement/wraps, faucet aerators, showerheads, and programmable thermostats. Program eligibility is based on federal low-income guidelines.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

For the fourth consecutive year, the Weatherization Plus Program performed beyond expectations and has surpassed its targeted goal (329 homes weatherized) for the program year. Since the year began, 534 residential audits have been completed and energy efficiency measures have been installed in 357 dwelling units across the District. Participating residents have saved 4,344,613 KWH’s (kilowatt hours) of electricity and projected annual energy savings will result in reduced energy costs of more than \$434,461.

During the third quarter, the program received an additional 101 applications from both single and multi-family home owners and conducted 160 energy audits. As stated in last quarter's report, the program will continue to accept applications and perform audits and installations until funds are expended. This program employs an integrated "whole house" approach towards the weatherization of low-income homes. SETF Weatherization Plus funds are used only for electricity-saving measures within a home. The non-electricity-saving measures identified in the energy audit are covered by other programs within DDOE. This approach allows DDOE to weatherize a significant number of homes each year. Table 5 below provides a breakdown of the application, audit and completion status.

Table 5: Weatherization Plus Deliverables

Program Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
Applications Received	101	843	329
Audits Completed	160	534	329
Installations Completed	338	357	329

Table 6 below provides a breakdown of the multi-family projects and their completion status.

Table 6: Weatherization Plus Summary of Projects

Projects	Ward	No. of Units	Project Status
1007 Monroe St. NW	1	4	Completed
5113 Fitch St. NE	7	281	Completed
4125 Ames St. NE	7	53	Completed
4242 6 th St SE	8	6	Completed
2624 29 th St. SE	7	4	Completed
2628 29 th St. SE	7	4	Completed
5514 1st St NW	4	15	Work in Progress
1723 27 th St. SE	7	5	Completed
3237 Hiatt Place NW	1	32	Work in Progress

Table 7 below provides a breakdown of the projected dollar energy savings and estimated annual kilowatt hours (KWHs) savings.

Table 7: Weatherization Plus Projected Annual Energy Savings

Recommended Measures/ Appliances	Quantity	Savings Per Year Per Installed Quantity (kWh)	Life Time Saving (kWh)	Annual Saving (\$)	Life Time Saving (\$)
Energy Star Light Fixtures	1,124	263,016	3,945,240	\$26,301.60	\$394,524.00
Cooling Units	53	26,625	399,373	\$2,662.50	\$39,937.50
Total	1,177	289,641	4,344,613	\$28,964.10	\$434,461.50

Marketing Activities

Marketing and recruitment activities for the program consisted of a few on-site visits to property owners of multi-family buildings to fully explain the benefits of the program. The program continues to benefit from a constant flow of referrals from satisfied building owners, residents, and developers that have received weatherization assistance in the past years. Program management also collaborated with CBOs to help promote the program through their outreach efforts.

Table 8: Weatherization Plus Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 April – June 2009		
Identify and recruit homes for participation in the Weatherization Plus Program	June 29, 2009	May 31, 2009
Conduct energy audits/assessments and energy assistance intake	June 29, 2009	May 31, 2009
Install recommended energy efficient measures	June 29, 2009	June 15, 2009
Review monthly reports submitted by CBOs.	May 15, 2009	June 15, 2009

Next Quarter's Projected Goals

In the last quarter of the program year, DDOE anticipates a large number of homeowners and property managers will apply to the program given the public's interest in "stimulus dollars" for weatherization. However, DDOE already has a number of homes that have been audited and are awaiting installation of energy efficiency measures. Therefore, all new applicants will be placed on a waiting list and will be served when the new program year begins October 1, 2009. In the interim, DDOE will work diligently to complete the installation of energy efficiency measures in all homes that have been audited.

Table 9: Weatherization Plus Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 4 July - September 2009		
Identify and recruit homes for participation in Weatherization Plus Program	July 30, 2009	
Conduct energy audits/assessments and energy assistance intake	July 30, 2009	
Install recommended energy efficient measures	August 30, 2009	
Review monthly reports submitted by CBOs.	September 15, 2009	

Issues and Remedial Plan

None

Program Name:	Low Income Appliance Replacement Program
Program Number:	D5
Reporting Period:	April 2009 – June 2009

Program Description

The Low-Income Appliance Replacement Program performs energy audits and installs high-efficiency electric appliances to replace old and inefficient models in low-income dwelling units. The program is designed to reduce energy usage by allowing low-income residents of the District to dispose of their inefficient room air conditioners and refrigerators in an environmentally safe manner. Homeowners and renters can have their inefficient appliance replaced on a one for one basis. Program eligibility is based on federal low-income guidelines.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

The Low-Income Appliance Replacement Program conducted 507 appliance audits and replaced 206 inefficient appliances in single and multi-family homes in the District of Columbia. Table 10 below provides a breakdown of the appliance audit and type installed during the quarter.

The performance of the program during the third quarter has been slower than anticipated due, in part, to the unusually cooler days of Spring. However, this program has always performed exceptionally well during the cooling season (summer months) and DDOE

remains confident that the program will accomplish its stated goals. Program management has completed the necessary ramp-up activities to ensure a shorter turn-around time for delivery and installation of energy efficient appliances, especially room air conditioners.

Table 10: Low Income Appliance Replacement Program Deliverables

Progress Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
# of Appliances Audited	507	1,228	1,958
# of Refrigerators Replaced	96	164	902
# of Room Air Conditioners Replaced	110	179	1,056
Total Appliances Installed	206	343	1,958

Based on the appliance audits performed, Table 11 below provides a breakdown of the estimated annual kilowatt hours (KWHs) and dollar savings.

Table 11: Low Income Appliance Replacement Program Projected Annual Energy Savings

Recommended Measures/ Appliances	Quantity	Savings Per Year Per Installed Quantity (kWh)	Life Time Saving (kWh)	Annual Saving (\$)	Life Time Saving (\$)
Refrigerators	96	480,000	720,000	\$4,800.00	\$72,000.00
Window AC	110	43,230	648,450	\$4,323	\$64,845.00
Total	206	523,230	1,368,450	9,123	136,845

Table 12: Low Income Appliance Replacement Program Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 April – June 2009		
Recruit homes for participation in the Appliance Replacement Program	June 29, 2009	May 31, 2009
Conduct energy audits and appliance efficiency assessments	June 29, 2009	May 31, 2009
Install recommended energy efficient appliances	June 29, 2009	June 15, 2009
Review monthly reports submitted by CBOs.	May 15, 2009	June 15, 2009

Next Quarter's Projected Goals

The proposed launch of the "Appliance Replacement Summer Campaign" is expected to begin in the next quarter. A letter to notify 7,000 eligible participants will be mailed next quarter to expand participation. Program management will continue to work industriously with CBOs and clients to ensure that all appliances recommended for replacement be completed before September 30, 2009.

Table 13: Low Income Appliance Replacement Program Quarter 4 Timeline and Milestones

Milestone	Goal	Date	Actual Date Accomplished
Quarter 4 July – September 2009			
Recruit homes for participation in the Appliance Replacement Program		July 30, 2009	
Conduct energy audits and appliance efficiency assessments		July 30, 2009	
Install recommended energy efficient appliances		August 30, 2009	
Review monthly reports submitted by CBOs.		September 15, 2009	

Issues and Remedial Plan

The application process for multi-family buildings continues to progress slower than expected. Program management has made several attempts to assist property managers in completing this process but some residents are still reluctant to participate. In many instances, the tenants that are reluctant to participate are a vital part of the two-thirds percentage that is needed for the building to be eligible for the program. However, program management remains confident that the launch of Appliance Replacement Summer Campaign will help to overcome some of the obstacles faced by property owners and managers.

Program Name:	Weatherization and Rehabilitation
Program Number:	D6
Reporting Period:	April 2009 – June 2009

Program Description

The Weatherization Rehabilitation Program performs energy audits and installs electricity energy-saving measures in rehabilitated low-income housing units. The program targets non-profits and community based organizations that are providing improvements to multi-family low-income housing units. SETF funds are used to add an energy efficiency component to the home improvement efforts. Only electricity-saving measures will be paid by SETF funds, although the audit may identify non-electricity-saving measures. Program eligibility is based on federal low-income guidelines.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

The Weatherization Rehab Program completed 96 multi-family dwelling units. This brings the total number of units completed since the program year began to 122. The program received 214 new applications and completed 101 energy audits. Program Management collaborated with the management and Board of Directors from Allen House to add an energy efficiency component to their overall rehabilitation project. Allen House is a 96 unit Senior Housing Apartment Building located on Minnesota Avenue SE and the project is expected to be fully completed by September 2009. Based on the scope of work submitted by Allen House and the onsite inspections conducted by program engineers, DDOE paid 60 percent of the total cost for the purchase and

installation of 356 energy efficient windows, and the Exterior Insulation Finishing System (building envelope seal-up work).

Table 14: Weatherization and Rehabilitation Deliverables

Program Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
Applications Received	214	434	305
Audits Completed	101	213	305
Installations Completed	96	122	305

Based on the audits performed, Table 15 below provides a breakdown of the recommended energy-saving measures and estimated annual kilowatt hours (kWh) and dollar savings.

Table 15: Weatherization and Rehabilitation Projected Annual Energy Savings

Recommended Measures / Appliances	Quantity	Saving Per Year Per Installed Quantity (kWh)	Life Time Saving (kWh)	Annual Saving (\$)	Life Time Saving (\$)
Energy Star Fixture Replacement	5,800 l sq.	N/A	N/A	N/A	N/A
Windows	356	80,812	1,616,240	\$8,081.20	\$161,624.00

Table 16: Weatherization and Rehabilitation Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 April - June 2009		
Identify and recruit low-income housing units for rehabilitation	June 29, 2009	May 31, 2009
Conduct energy audits and electricity efficiency assessments	June 29, 2009	May 15, 2009
Install recommended energy efficient measures	June 29, 2009	June 29, 2009
Review monthly reports submitted by CBOs.	May 15, 2009	June 15, 2009

Next Quarter's Projected Goals

Program Management has held initial meetings with property owners from three new rehab projects that are slated to be completed this program year. These projects (214 total units) are currently in the application and verification process, and installation of audit-recommended energy-saving measures will be completed next quarter.

Table 17: Weatherization and Rehabilitation Quarter 4 Timeline and Milestones

Milestone	Goal	Date	Actual Date Accomplished
Quarter 4 July - September 2009			
Identify and recruit low-income housing units for rehabilitation	August 15, 2009		
Conduct energy audits and electricity efficiency assessments	August 15, 2009		
Install recommended energy efficient measures	September 15, 2009		
Review monthly reports submitted by CBOs.	September 15, 2009		

Issues and Remedial Plan

None

Program Name:	Heating System Repair, Replacement, and Tune-Up Program
Program Number:	G2
Reporting Period:	April 2009 – June 2009

Program Description

The Heating System Repair, Replacement, and Tune-up Program provides energy audits and natural gas-fired heating system tune-ups, repairs, and replacements in low-income dwelling units. The program also replaces inefficient gas hot water heaters and provides programmable thermostats. Participants receive an assessment of their heating system as part of the general weatherization audit, except when heating systems are replaced or repaired on an emergency basis because there is no heat in the home or as a health and safety measure. Program eligibility is based on federal low-income guidelines.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

The Heating System Repair, Replacement, and Tune-up Program has performed exceptionally well throughout the program year and the demand for services provided under this program continues to exceed expectations. Since the program year began, nearly 263 heating systems in the homes of low-income District residents have been repaired, replaced or tuned-up. Participating residents have saved 109,934 BTU and projected annual energy savings will result in reduced energy costs of more than \$944,170. Table 18 below provides a breakdown of the number and type of measure completed, and Table 19 provides a breakdown of clients served throughout the Wards.

As anticipated, the program has exhausted almost all of the programmatic funds available for the program year. Program Management collaborated with the Weatherization Rehabilitation Program and the Weatherization Plus Program to provide for the replacement of gas-fired heating systems in two multi-family dwelling units. The Table below provides a breakdown of the type of measures completed during the quarter.

Table 18: Heating System Repair, Replacement, and Tune-Up Program Deliverables

Program Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
# of Repairs Completed	10	53	50
# of Replacements Completed	21	128	153
# of Tune-Ups Completed	0	30	55
# of Hot Water Heaters Completed	10	52	50

The number of completions for each measure is subject to change because the program operates on a first come, first serve basis. Therefore, the program goal for each measure is an estimated figure and is subject to change as the program progresses.

Table 19: Heating System Repair, Replacement, and Tune-Up Program Clients Served by Ward

Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Total
17	6	1	56	55	25	62	41	263

Table 20: Heating System Repair, Replacement, and Tune-Up Program Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 April – June 2009		
Identify and recruit homes for participation in tuning-up, repairing and replacement of heating systems.	June 29, 2009	May 31, 2009
Conduct energy audits/assessments and Red tag emergency intake	June 29, 2009	May 15, 2009
Install recommended energy efficient heating systems and /or repairs	June 29, 2009	June 15, 2009
Review monthly reports submitted by CBOs.	May 15, 2009	June 15, 2009

Next Quarter's Projected Goals

The program will continue to collaborate with other low-income programs to provide for the repair, replacement or tune-up of gas-fired cooling systems. In addition, program

inspectors will continue to perform random on-site inspections for quality control and verification purposes.

Table 21: Heating System Repair, Replacement, and Tune-Up Program Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 4 July – September 2009		
Identify and recruit homes for participation in tuning-up, repairing and replacement of heating systems.	August 30, 2009	
Conduct energy audits/assessments and Red tag emergency intake	August 30, 2009	
Install recommended energy efficient heating systems and /or repairs	August 30, 2009	
Review monthly reports submitted by CBOs.	September 15, 2009	

Issues and Remedial Plan

None

Program Name:	Affordable Housing Energy Efficient Rebate Program
Program Number:	E1
Reporting Period:	April 2009 – June 2009

Program Description

The Affordable Housing Energy Efficiency Rebate Program provides rebates for the installation of energy-efficiency measures in affordable housing in the District of Columbia. The program targets non-profit community developers and provides rebates to cover the incremental costs for the installation of energy efficient appliances, HVAC systems, high efficiency fluorescent fixtures and bulbs, metal halide exterior bulbs, high efficiency windows, and high efficiency water heaters. The goal is to help affordable housing developers close the gap between standard and energy efficient technology costs. Affordable housing is categorized by the low to moderate income guidelines established by the US Department of Housing and Urban Development.

Program Status:

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

Energy installation measures of approved rebate measures are currently being installed for three multi-family projects (46 total units). Table 22: Summary of Rebate Projects below provides a summary of the rebate projects. The program goals have increased from 316 to 400 due to an increase of budget from fund balance (see CAEA Budget and Expenditures p.3). The program provides rebates to non-profit developers upon receipt of official notification that a project is completed and program inspectors have verified

installation of approved measures. Table 23: Affordable Housing Energy Efficiency Rebate Deliverables provides the number of applications received, audits completed and installations completed.

Table 22: Summary of Rebate Projects

Rebate Projects	Ward	No. of Units	Approved Rebate Measures	Project Status
Park Terrace Apartments	8	316	Energy Star lighting fixtures, ceiling fans, LED exit signs, high intensity discharge fixtures, lighting controls, high efficiency appliances, high performance building envelope, high efficiency packaged air conditioners and heat pumps, and high efficiency water heater.	Completed
Marian Russell Cooperative	6	12	Wall installation, water heaters, energy star appliances, lighting fixtures, LED exit signs, ceiling fans, lighting controls, high efficiency appliances, building envelop, and heat pumps and air conditioners.	Work In progress
Sheriff Road	1	5	Energy efficient appliances, light fixtures, and high efficiency HVAC system (including gas boiler and chiller systems).	Work In progress
Fendall Street Apartments	8	29	Compact fluorescent bulbs, light fixtures, energy star appliances, building/roofing insulation, high energy efficiency HVAC system, high efficiency hot water heaters, and low "e" glass windows.	Work In progress
Total		362		

Table 23: Affordable Housing Energy Efficiency Rebate Deliverables

Program Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
Applications Received	0	630	400
Audits Completed	46	362	400
Installations Completed	0	316	400

Table 24: Affordable Housing Energy Efficiency Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 April – June 2009		
Payment of completed awards	June 2009	June 2009

Next Quarter's Projected Goals

Table 25: Affordable Housing Energy Efficiency Rebate Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 4 July – September 2009		
Payment of completed awards	June 2009	

Issues and Remedial Plan

None

Program Name:	Weatherization Rehabilitation Asset Partnership
Program Number:	E2
Reporting Period:	April 2009 - June 2009

Program Description

The Weatherization Rehabilitation and Asset Preservation (WRAP) Program performs energy audits and installs energy-saving measures in the dwellings of low to moderate income families and also refers those households to other programs for which they might be eligible. The program which is administered in Partnership with the Energy Programs Consortium (EPC) integrates weatherization services with rehab and related programs to help sustain low to moderate income homeownership. Program participants receive weatherization assistance, along with a review of their mortgage and insurance costs. Only electricity-saving measures are funded with WRAP funds.

Program Status

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishments

Fifteen installations of measures were completed during this quarter. Table 26 below provides a breakdown of audits completed and number of installations completed. The program goals have increased from 93 to 181 due to an increase of budget from fund balance (see CAEA Budget and Expenditures p.3)

Table 26: Weatherization Rehabilitation Asset Partnership Deliverables

Progress Deliverables	Quarter Achievement	Cumulative Achievement	Program Goal
# of Homes Audited	0	124	181
# of Single-Family Homes Completed	11	15	N/A
# of Multi-Family units Completed	4	34	N/A
Total Completions Installed	15	49	181

Manna Mortgage has identified 16 families who are seeking either purchase or refinance mortgages that fit within the WRAP guidelines. City First Foundation inquired about a possible collaboration with their DHCD funded project to renovate 25 vacant homes and make grant funding available to WRAP income-eligible families. Cornerstone, a non-profit that provides independent housing for disabled DC residents has also expressed interest in the program. The program continues to work closely with UPO, ANCs, Housing and Counseling Services, and Harrison Institute for Public Law.

Table 27: Weatherization Rehabilitation Asset Preservation Quarter 3 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 3 Apr – June 2009		
Solidify Funding for FY 09	June 30, 2009	June 30, 2009
Identify Clients	June 30, 2009	June 30, 2009
Conduct Audits	June 30, 2009	June 30, 2009
Install Energy Measures in Single/Multi-Family Homes	June 30, 2009	June 30, 2009
Review Monthly Reports	June 30, 2009	June 30, 2009

Next Quarter's Projected Goals

Table 28: Affordable Housing Energy Efficiency Rebate Quarter 4 Timeline and Milestones

Milestone	Goal Date	Actual Date Accomplished
Quarter 4 July – September 2009		
Identify Clients	August 2009	
Conduct Audits	September 2009	
Install Energy Measures in Single/Multi-Family Homes	September 2009	
Review Monthly Reports	September 2009	

Issues and Remedial Plan

The ability of developers and contractors to obtain financing to complete rehabilitation work on multi-family units continues to be an issue. The current crisis in the money market is causing delays in completions of construction projects. It is projected that the financial market will improve by the third quarter which will allow developers to borrow money needed to complete unfinished projects. This could affect the completion/timelines for multi-family units. Development of a process to approve additional homes that do not meet the all-electric test is still being considered. Many of the homes included in the program could benefit from additional weatherization measures. Stimulus funding could provide these much needed energy measures that would ultimately benefit the energy efficiency of the homes served by this program.

Program Name:	Residential Weatherization and Efficiency Program
Program Number:	G3
Reporting Period:	April 2009 – June 2009

Program Description:

The Residential Weatherization and Efficiency Program is designed to encourage and enable non-low-income residents of the District to use natural gas in a more efficient and cost effective manner by offering incentives for installing energy efficient gas measures. It is designed to capture natural gas savings at the time of purchase of new equipment or replacement of equipment.

Program Status:

- Program is on Target
- Program is exceeding expectations
- Program is falling short of expectations

Program Accomplishment:

During the remainder of the month DDOE made phone calls and emailed a Request for Information from all the rebate companies which we found while researching rebate programs in other jurisdictions. Those request included a brief description of the program and the needs of DDOE. From those request we received two responses, one from Niagara Conversation and one from Energy Federation Incorporated.

DDOE met with the Office of Contracting and Procurement (OCP) to discuss the best option for soliciting a rebate fulfillment company for implementation of the program. Based on the above mentioned meeting, it has been decided that the best option for this