

**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

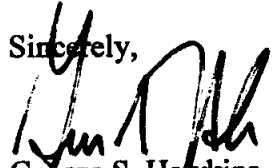
**RE: Clean and Affordable Energy Act of 2008, D.C. Law 17-250**

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



51 N Street, NE, 6<sup>th</sup> Fl., Washington, DC 20002

Phone: (202) 535-2600 Facsimile: (202) 535-2881

**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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## **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**

<b>Program Name:</b>	Home Energy Rating System
<b>Program Number:</b>	C5
<b>Reporting Period:</b>	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**

<b>Program Deliverables</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
<b># of Audits Completed</b>	<b>393</b>	<b>1,065</b>	<b>1,500</b>

**Table 2: Home Energy Rating System Audit Cost**

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

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**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 Apr – Jun 2009</b>		
<b>Conducting HERS audits</b>	<b>June 30, 2009</b>	<b>June 30, 2009</b>

### **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**

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

### **Issues and Remedial Plan**

None

<b>Program Name:</b>	Weatherization Plus
<b>Program Number:</b>	D4
<b>Reporting Period:</b>	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**

<b>Program Deliverables</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
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**

<b>Projects</b>	<b>Ward</b>	<b>No. of Units</b>	<b>Project Status</b>
1007 Monroe St. NW	1	4	Completed
5113 Fitch St. NE	7	281	Completed
4125 Ames St. NE	7	53	Completed
4242 6 <sup>th</sup> St SE	8	6	Completed
2624 29 <sup>th</sup> St. SE	7	4	Completed
2628 29 <sup>th</sup> St. SE	7	4	Completed
5514 1st St NW	4	15	Work in Progress
1723 27 <sup>th</sup> 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**

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

### **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**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April – June 2009</b>		
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**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
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

<b>Program Name:</b>	Low Income Appliance Replacement Program
<b>Program Number:</b>	D5
<b>Reporting Period:</b>	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**

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

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**

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

**Table 12: Low Income Appliance Replacement Program Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April – June 2009</b>		
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
<b>Quarter 4 July – September 2009</b>		
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.

<b>Program Name:</b>	Weatherization and Rehabilitation
<b>Program Number:</b>	D6
<b>Reporting Period:</b>	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**

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

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**

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

**Table 16: Weatherization and Rehabilitation Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April - June 2009</b>		
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**

<b>Milestone</b>	<b>Goal</b>	<b>Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July - September 2009</b>			
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

<b>Program Name:</b>	Heating System Repair, Replacement, and Tune-Up Program
<b>Program Number:</b>	G2
<b>Reporting Period:</b>	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**

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

*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**

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

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

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April – June 2009</b>		
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**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
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

<b>Program Name:</b>	Affordable Housing Energy Efficient Rebate Program
<b>Program Number:</b>	E1
<b>Reporting Period:</b>	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
<b>Total</b>		<b>362</b>		

**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
<b>Quarter 3 April – June 2009</b>		
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
<b>Quarter 4 July – September 2009</b>		
Payment of completed awards	June 2009	

### Issues and Remedial Plan

None

<b>Program Name:</b>	Weatherization Rehabilitation Asset Partnership
<b>Program Number:</b>	E2
<b>Reporting Period:</b>	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**

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

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 Apr – June 2009</b>		
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
<b>Quarter 4 July – September 2009</b>		
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.



<b>Program Name:</b>	Residential Weatherization and Efficiency Program
<b>Program Number:</b>	G3
<b>Reporting Period:</b>	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

project is to submit an Invitation for Bid (IFB). DDOE submitted to OCP the Scope for Work (SOW) for the project and are awaiting their comments.

On May 28, 2009, DDOE had a follow up meeting with Washington Gas to resume the discussion of a partnership as well as get their final review of the items to be considered for rebate. Due to the delay of implementation discussed in the previous quarter we are now on track for an October 1 startup date.

**Table 29: Residential Weatherization and Efficiency Timeline and Milestone**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April – June 2009</b>		
Finalize rebate item list	June 2009	June 2009
Begin developing scope of work for incentive/rebate fulfillment company	June 2009	June 2009
Submit scope of work to OCP (Office of Contracting & Procurement) for development of the IFB (Invitation for Bid)	June 2009	June 2009
Reprogram the budget to fit the program needs	June 2009	June 2009
Develop and finalize promotion of program	June 2009	June 2009
Invitation for Bids due	June 2009	June 2009

**Next Quarter's Projected goals:**

Program focus for the fourth quarter will be on procuring the services of a rebate fulfillment company, and development of rebate availability education materials and strategy.

**Table 30: Residential Weatherization and Efficiency Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
Develop and finalize promotion of program	September 2009	
Invitation for Bids due	September 2009	

*\*This work plan is subject to change based on the outcomes of meetings, research and Contracting & Procurement rules and regulations.*

**Issues and Remedial Plan:**

Although the program is behind schedule, it's expected that the high participation in the HERS program and the 2,000 plus audits that have already been completed, DDOE will quickly achieve its goals.

<b>Program Name:</b>	Energy Awareness Program
<b>Program Number:</b>	G5
<b>Reporting Period:</b>	April 2009 – June 2009

### Program Description

The Energy Awareness Campaign seeks to raise the energy efficiency awareness levels of District residents and encourage participation by low-income residents in the SETF and EATF programs offered.

### Program Status

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

### Program Accomplishments

Communications Center Inc., was selected and began the process to complete the baseline study to determine the current knowledge and level of awareness of Heating System Repair, Replacement, and Tune-Up Program and the Residential\* Essential Service Expansion and Awareness Program. Once the baseline study is complete the awareness campaign will begin.

**Table 31: Energy Awareness Program Timeline and Milestones**

Milestone	Goal Date	Actual Date Accomplished
<b>Quarter 3 April– June 2009</b>		
Procurement: Work with the Office of Contracting and Procurement to secure purchase orders for all advertising vendors.	June 2009	June 2009
Awareness Campaign: Launch the energy awareness campaign. The radio commercials will air monthly.	June 2009 •	<i>Pending</i>

### **Next Quarter's Projected Goal**

The awareness campaign will be launched in the next quarter to promote two of the natural gas programs: Heating System Repair, Replacement, and Tune-Up Program and the Residential Essential Service Expansion and Awareness Program. Since the awareness campaign is being launched over the summer it will focus on increasing participation for the upcoming program year, which will begin October 2009. Advertising proposals have been secured from the media outlets listed below.

#### **Television**

- OCT TV-13 (DC Cable)

#### **Radio**

- WHUR 96.3FM
- WMMJ 102.3 FM
- WPGC 95.5 FM
- WTOP 103.5 FM
- WASH 97.1 FM
- Mix 107.3 FM
- El Zol'99.1 FM

#### **Newspaper**

- Washington Post Express
- Washington Hispanic
- Washington City Paper

**Table 1: Energy Awareness Program Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
Launch the energy awareness campaign.	September 2009	

### **Issues and Remedial Plan**

None

<b>Program Name:</b>	Saving Energy in D.C. Schools
<b>Program Number:</b>	G6
<b>Reporting Period:</b>	April 2009 – June 2009

### **Project Description**

A primary function of DDOE is to educate students about energy efficiency, the environment, and reducing energy consumption in participating schools and extending to the student's homes. The goals of the Saving Energy in DC Schools (SEDS) program are to (a) educate students in grades K-12 about energy, (b) illustrate the connection between energy efficiency and the environment and (c) save energy in participating schools and students' homes. DDOE has contracted with the Alliance to Save Energy (ASE) (as proposed and approved by Commission Order) to implement the program in selected schools. Diligence

#### **Program Status**

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

#### **Program Accomplishments**

Saving Energy in D.C. Schools (SEDS) activities during this quarter included an end-of-year (EOY) celebration in May which involved significant planning and organization, ordering and distributing stipends to teachers, delivering prizes to winning schools (see Attachment 5), working with schools to prepare their final reports and EOY presentations, and beginning to recruit schools for year two of the SEDS program. Table 33 provides the status of the program's deliverables. A 10-minute compilation video of how SEDS works was created and can be found at:

<http://guerillaeducators.typepad.com/ge/2009/05/saving-energy-in-dc-schools-video-compilation.html>

**Table 33: SEDS Program Deliverables**

<b>Program Deliverables</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
Train students on SEAT	0	215	120
Train teachers	0	18	12
Students exposed to energy in class	20	440	180

### *End of Year Celebration*

Plaques were ordered to recognize all schools for their 2008-2009 SEDS participation, and energy-related prizes prepared for outstanding schools in 3 categories. The winning schools were Horace Mann Elementary school; Oyster Adams Bilingual School's Adams Campus (grades K-8); Capital City Public Charter School's Upper Campus (grades 6-10); and Key Elementary School. They were recognized for outstanding work in three categories: overall best energy audit report (Horace Mann – first place; Oyster Adams – second place); curriculum (Capital City), and outreach (Key). For placing first in the overall audit report category, Horace Mann will receive a real-time energy monitoring system.

### *Follow-up Meetings with Schools*

Besides the overall meeting and coordinating trainings, local project coordinators met with the following schools to help schools wrap up their SEDS projects for the year, complete award application forms, and prepare student presenters for the End of Year meeting (see Attachment 6).

### *New School Recruitment*

Through the end of June, staff has recruited three new schools to the SEDS program – John Eaton Elementary School, Stuart Hobson Middle School, and Duke Ellington School of the Arts. EL Haynes joined at the end of the last school year so will technically be considered a new school in the upcoming year. Various principals and other school contacts were also emailed to alert them to the opportunity to participate in SEDS and an alert was sent out via the DC Environmental Educators Consortium listserv to teachers and principals.

**Table 34: School and Student Participation**

School	Ward	SEAT Participant	Students Directly involved in SEAT	Students Receiving Additional Energy Curriculum	Total Estimated Students Exposed to Energy Curriculum per School
Aiden Montessori School	3	No		30	30
Alice Deal Middle School	3	Yes	18		18
Brookland EC at Bunker Hill	5	Yes	20	20	40
Capital City PCS (both campuses)	1	Yes	36	25	61
Center City PCS	5	Yes	18	50	68
E.L. Haynes PCS	1	Yes	15	20	35
Gonzaga High School	6	Yes	15		15
Horace Mann Elementary	3	No		75	75
Key Elementary	3	Yes	15	25	40
Lafayette Elementary School	4	No			
McKinley Tech High School	5	Yes	20	20	40
Oyster Elementary	3	No		25	25
Adams Elementary	1	Yes	19	50	69
Prospect Learning Center	6	Yes	15		15
Stoddert Elementary	3	No		50	50
Washington International School	3	Yes	9		9
Wilson Senior High	3	Yes	15	50	65
<b>TOTAL</b>			215	440	655



### *Testimonials*

Videos compiled of various aspects of the SEDS program – fall workshop, SEAT training, mid-year meeting, student activities, etc, can be found online at:

[http://www.youtube.com/view\\_play\\_list?p=B375FAE1B74BDA03](http://www.youtube.com/view_play_list?p=B375FAE1B74BDA03) and  
[http://www.youtube.com/view\\_play\\_list?p=7D012DA7E0A1A526](http://www.youtube.com/view_play_list?p=7D012DA7E0A1A526)

**Table 35: SEDS Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 Apr – June 2009</b>		
Work with students who have completed the energy auditor training	May 2009	May 2009
Conduct end-of-year celebration	May 2009	May 2009
Implement a local recognition program for school achievement in energy efficiency activities involving students	June 2009	June 2009
Write a final report	July 2009	Pending next quarter

### **Next Quarter's Projected Goals**

Throughout the rest of the summer and into the start of school, goals for the next quarter include more recruitment, again updating and preparing curriculum materials to distribute in the fall, and preparing for the fall workshop. Recruitment efforts will continue throughout the summer and into next fall upon approval to exceed the school cap of 18 schools. It will be possible to support up to 23 schools with the current budget, depending on interest from schools. The three new schools make a total of 19 schools planning on participating during the 09-10 school year.

**Table 36: Saving Energy in D.C. Schools Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
Write a final report	July 2009	
Identify and recruit schools	September 2009	
Update the instructional materials	September 2009	

**Issues and Remedial Plan**

None

<b>Program Name:</b>	Renewable Energy Incentive Program
<b>Program Number:</b>	N/A
<b>Reporting Period:</b>	April 2009 – June 2009

### **Project Description**

The District of Columbia Renewable Energy Incentive Program (REIP) has been developed to increase the use and awareness of renewable energy generation technologies by District of Columbia residents, businesses, and institutions.

### **Program Status**

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

### **Program Accomplishments**

A number of technologies are eligible for a rebate, but the main focus for the first year of the program (FY2009) has been for solar photovoltaic and small wind incentives due to exceptional demand. Rebates for geothermal and solar hot water and air heating will be launched on October 1, 2009. It is expected that Federal American Recovery and Reinvestment Act (ARRA) funding will be approved by the U.S. Department of Energy to supplement the geothermal and solar hot water incentives for the next three years. Additionally, an Innovative Energy Demonstration Grant proposal has been submitted to DOE under the State Energy Program ARRA funding pool to promote innovative and less common renewable energy systems including biomass and waste gas capture, as well as larger scale solar technologies ineligible for REIP. With rooftop photovoltaic systems being a key tool in meeting the District's renewable portfolio standard (RPS), emphasis in the first year of the program has been placed on this technology.

### *Rebate Award Amounts and Reservations*

Two confirmed installations have been completed as a direct result of this program's assistance, with two more in process. A total of \$2 million in funding remains available for the program year, with a total of 267 online prequalification applications having been submitted through June 30, 2009. A total of \$1,905,344 has been requested for 218 applications. This is down from the \$2,165,568 requested last quarter, which is largely due to the current economic conditions with applicants initially entering the reservation queue but subsequently dropping out. There are 49 applicants currently on DDOE's waiting list (to applicant reservation number 09-0267). As applicants continue to drop out of the reservation queue, those in line will be notified immediately and asked to submit complete applications.

### **Breakdown by property type (of 218 applicants)**

206 Residential

3 NGO

3 Houses of Worship

4 Commercial

2 Educational

Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Total
99	21	30	12	16	20	13	7	218

**Table 37: Renewable Energy Incentive Program Deliverables**

<b>Program Deliverables</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
Capacity of Rebates	0	0	200,000 Watts/Watts equivalent
Capacity of Applications (kW)	377.7	1062.2	n/a
Number of Awards	0	0	110
Number of Applications	69	267	n/a
Rebate Amounts Awarded	0	0	\$2 million
Rebates Requested	69	267	n/a
Residential Installations	64	253	
Non-profit, business and institutional Installations	5	14	
Rebate Amounts Requested	\$866,514	\$2,466,139	\$2 million
Capacity Installed & Interconnected (Watts)	0	0	
Kilowatt hours/year capacity (kWh)	1,767,673	4,971,110	
Energy Value (\$/year)	\$194,444	\$546,822	
Emissions Offset (Avoided)			
Carbon dioxide (pounds)	2,722,217	7,655,509	
Nitrogen oxides (pounds)	6,717	18,890	
Sulfur dioxide (pounds)	14,000	39,371	

*\*Avoided emissions data derived from the EPA Power Profiler (eGRID Subregion: RFC East, which includes the ZIP code: 20009) and the EPA Greenhouse Gas Equivalencies Calculator updated February 17, 2009. These calculators include the eGRID2007 Version 1.1 annual non-baseload CO<sub>2</sub> output emission rates (year-2005 data).*

**Table 38: Renewable Energy Incentive Program Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 Apr – June 2009</b>		
Review Full Applications	June 2009	June 2009
Distribute Approved Rebates	June 2009	June 2009

### **Next Quarter's Projected Goals**

Incentives for additional technologies not currently available but allowable under the CAEA will launch in the first quarter of 2010 (October 1).

**Table 39: Renewable Energy Incentive Program Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
Review Full Applications	September 2009	
Distribute Approved Rebates	September 2009	

### **Issues and Remedial Plan**

Rebate payments are currently in process. The primary delay has been an issue of taxation of the rebates by the District, and the approval process needed to input requisitions into the payment system. Solutions to these problems are on the horizon, as evidenced by ongoing communication between DDOE and the Office of the Chief Financial Officer, Office of Contracting and Procurement, Office of Taxation and Revenue. While some homeowners require the rebate to begin system installation, the majority will use it the funding to repay bank loans, and thus the timing of the rebate receipt has been of little consequence to many. Despite this, we foresee all challenges with payment being fully resolved by the end of July 2009. This coincides well with the fact that most photovoltaic installations in this area occur in July through September. This is the prime installation season, however installers are communicating that they are backlogged from work across the region.

As previously reported, the constrained global capital market and ongoing consumer economic hardship are still limiting rebate requests. Demand remains strong for photovoltaic systems in the District, but home equity loans are still somewhat difficult to obtain for many. This is particularly problematic for REIP, which is most utilized by residential customers. Another constraint is the low value of renewable energy credits in

the District, as well as the fact that suppliers can go outside the District to purchase their solar credits because of the limited number of registered generators in the District. The availability of upfront capital potentially derived from REC sales can be the deciding factor for many constituents, be they homeowners or businesses. DDOE is working aggressively to assist policy makers and the industry in updating the District's RPS to parity with surrounding jurisdictions, which will help to create a more favorable trading climate in the city, creating an incentive for smaller generators to register and subsequently sell their credits to aggregators. Despite these challenges, the renewable energy market in the District is still growing and the overall forecast for this program remains favorable.

## Energy Assistance Trust Fund

<b>Program Name:</b>	LIHEAP Expansion and Energy Education
<b>Program Number:</b>	D1
<b>Reporting Period:</b>	April 2009 - June 2009

### **Program Description:**

The Low-Income Home Energy Assistance Program (LIHEAP) Extension and Education Program provides additional funding for electric customers to be used in concert with Federal LIHEAP funding. Households that would otherwise not be served as a result of limited LIHEAP funding are granted benefits through this program.

### **Program Status:**

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

### **Program Accomplishments**

The LIHEAP Extension and Education Program is currently not disbursing money because the Federal LIHEAP grant has not been depleted. The program goals have increased from 2,077 to 5,098 due to an increase of budget from fund balance (see CAEA Budget and Expenditures p.3)

The program is expected to begin in the 4th Quarter.

**Table 40: LIHEAP Expansion Deliverables**

<b>Program Deliverable</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
# of households enrolled	0	0	5,098



**Table 41: LIHEAP Expansion Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 3 April - June 2009</b>		
Serve additional eligible District households (electric) pursuant to LIHEAP regulations and DC Council order.	June 30, 2009	Pending <i>(See Program Accomplishments)</i>

**Next Quarter's Projected Goals:**

**Table 42: LIHEAP Expansion Quarter 4 Timeline and Milestones**

<b>Milestone</b>	<b>Goal Date</b>	<b>Actual Date Accomplished</b>
<b>Quarter 4 July – September 2009</b>		
Serve additional eligible District households (electric) pursuant to LIHEAP regulations and DC Council order.	September 30, 2009	

**Issues and Remedial Plan:**

LIHEAP funds have not been depleted which does not allow for the use LIHEAP

Expansion funds. Funds are expected to be utilized in Quarter 4.

<b>Program Name:</b>	RAD Expansion
<b>Program Number:</b>	D2
<b>Reporting Period:</b>	April - June 2009

### Project Description

The Residential Aid Discount (RAD) Expansion Program is designed for eligible RAD clients to receive the expanded discount rates.

#### Program Status:

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

### Program Accomplishments

The RAD Expansion completed its total program goal in this quarter by adding 2,845 electric customers to the program. Of these, 1,172 were all-electric and 1,673 were non all-electric. See Table 44 for the distribution of participants by Ward.

**Table 43: RAD Expansion Deliverables**

Program Deliverable	Quarterly Achievement	Cumulative Achievement	Program Goal
# of households enrolled	2845	21,000	21,000

**Table 44: RAD Expansion Clients by Ward**

Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Total
231	94	17	303	401	205	605	989	2845

#### Issues and Remedial Plan:

None

<b>Program Name:</b>	Residential Essential Service Expansion and Awareness Program
<b>Program Number:</b>	G1
<b>Reporting Period:</b>	April - June 2009

### **Project Description**

The RES Expansion and Awareness Program aims to provide eligible gas customers greater affordability toward their total gas bills and to increase the participation rate by at least 30 %. The RES Expansion program will follow the same enrollment schedule and the RES program which extends its services until April 30, 2009. All customers that enroll after that date will not receive an additional discount on their utility bill.

### **Program Status:**

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

### **Program Accomplishments**

During this quarter, 1,227 new participants applied for the Residential Essential Service Expansion and Awareness program. None of the participants received the additional discount on their gas bills due to the program meeting its achieved goal in quarter 2.

**Table 45: RES Expansion Deliverables**

<b>Program Deliverable</b>	<b>Quarter Achievement</b>	<b>Cumulative Achievement</b>	<b>Program Goal</b>
Additional Participants	0	2,200	<b>2,200</b>

### **Issues and Remedial Plan**

None



<b>Program Name:</b>	RAD Arrearages Retirement and Education Program
<b>Program Number:</b>	D3
<b>Reporting Period:</b>	April - June 2009

### **Project Description**

The RAD Arrearages and Education program is designed to assist eligible RAD customers with their PEPCO arrearages. The program provides a total of \$250 per customer towards the arrearage and initiates a balance payment plan over 12 months.

#### **Program Status:**

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

### **Program Accomplishments**

The RAD Arrearage Retirement and Education Program is challenged by eligible customers who are also eligible for the LIHEAP benefit. The LIHEAP benefit pays the customer's bill or reduces their arrears significantly, which negates the need for the arrearage program. Additionally, customers are reluctant to commit to twelve months of arrearage payments. Outreach to create program awareness has included direct mailings, however in FY 2008 only 5 clients participated. In light of this lack of success this program is recommended to cease activities and redirect the funds to other programs that have a proven track record of meeting programmatic goals and objectives (i.e. D1: LIHEAP Extension and Education program and D2: RAD Expansion).

### **Next Quarter's Projected Goals:**

Due to the lack of customers that have enrolled in the program DDOE does not expect to continue with the program in the upcoming quarters.

### **Issues and Remedial Plan**

DDOE recommends that the program cease activities and redirect the funds to other programs that have a proven track record of meeting programmatic goals and objectives (i.e. D1: LIHEAP Extension and Education program and D2: RAD Expansion).

## ATTACHMENT 1

**ATTACHMENT 1**  
**REVENUES COLLECTED**  
**October 1, 2008 - June 30, 2009**

[illegible][illegible]



## ATTACHMENT 2

ATTACHMENT 2  
ALL FINANCIAL ACTIVITY  
3rd QUARTER-AS OF 6/30/09

Fund Detail	Project No	Project Title	Personnel Services/ NonPersonnel Services	Purchase Order Balance & Intra-District Amt			YTD Expenditures & Obligations		Available Balance
				Budget	Actual Expenditures	Requisition Balance Amt	Obligations		
6700	ABOARD	SETF & EATF ADVISORY BOARD	PERSONNEL SERVICES	229,824.88	79,766.80	0.00	79,766.80	150,058.08	
			NON-PERSONNEL SERVICES	29,958.83	2,199.96	0.00	2,199.96	27,758.87	
	ABOARD Total			259,783.71	81,966.76	0.00	81,966.76	177,816.95	
	ADMISE9	SETF ADMINISTRATION	PERSONNEL SERVICES	221,278.97	161,227.69	0.00	161,227.69	60,051.28	
			NON-PERSONNEL SERVICES	257,649.03	26,496.03	3,829.00	64,289.12	193,359.91	
	ADMISE9 Total			478,928.00	187,723.72	3,829.00	225,516.81	253,411.19	
	EPD409	WEATHERIZATION PLUS	PERSONNEL SERVICES	82,690.60	40,257.82	0.00	40,257.82	42,432.78	
			NON-PERSONNEL SERVICES	991,245.65	5,696.14	0.00	466,941.14	524,304.51	
	EPD409 Total			1,073,936.25	45,953.96	0.00	507,198.96	566,737.29	
	EPD509	LOW INCOME APPLIANCE REPLACEMENT	PERSONNEL SERVICES	174,931.23	116,087.85	0.00	116,087.85	58,843.38	
			NON-PERSONNEL SERVICES	1,180,614.97	280,000.00	0.00	780,614.00	400,000.97	
	EPD509 Total			1,355,546.20	396,087.85	0.00	896,701.85	458,844.35	
	EPD609	WEATHERIZATION REHAB	PERSONNEL SERVICES	35,732.26	25,340.42	0.00	25,340.42	10,391.84	
			NON-PERSONNEL SERVICES	918,877.74	518,000.00	0.00	918,000.00	877.74	
	EPD609 Total			954,610.00	543,340.42	0.00	943,340.42	11,269.58	
	EVASE9	SETF EVALUATION	PERSONNEL SERVICES	54,425.39	27,694.59	0.00	27,694.59	26,730.80	
			NON-PERSONNEL SERVICES	94,599.40	0.00	0.00	0.00	94,599.40	
	EVASE9 Total			149,024.79	27,694.59	0.00	27,694.59	121,330.20	
	NGG209	HEATING SYSTEM REPAIR, REPLACE & TUNE UP	PERSONNEL SERVICES	150,624.60	92,390.64	0.00	92,390.64	58,233.96	
			NON-PERSONNEL SERVICES	907,656.05	807,000.00	0.00	907,000.00	656.05	
	NGG209 Total			1,058,280.65	899,390.64	0.00	999,390.64	58,890.01	
	NGG309	RESIDENTIAL WEATHERIZATION & EFFICIENCY	PERSONNEL SERVICES	37,093.16	0.00	0.00	0.00	37,093.16	
			NON-PERSONNEL SERVICES	971,466.62	0.00	0.00	0.00	971,466.62	
	NGG309 Total			1,008,559.78	0.00	0.00	0.00	1,008,559.78	
	NGG509	ENERGY AWARENESS	PERSONNEL SERVICES	38,976.97	42,451.72	0.00	42,451.72	-3,474.75	
			NON-PERSONNEL SERVICES	326,638.66	0.00	0.00	18,500.00	308,138.66	
	NGG509 Total			365,615.63	42,451.72	0.00	60,951.72	304,663.91	
	NGG609	SAVING ENERGY IN D.C. SCHOOLS	PERSONNEL SERVICES	49,762.60	8,686.55	0.00	8,686.55	41,076.05	
			NON-PERSONNEL SERVICES	381,611.34	145,496.67	0.00	184,000.00	197,611.34	
	NGG609 Total			431,373.94	154,183.22	0.00	192,686.55	238,687.39	
	PEPC09	PAYMENT TO PEPCO	NON-PERSONNEL SERVICES	6,000,000.00	0.00	0.00	0.00	6,000,000.00	
	PEPC09 Total			6,000,000.00	0.00	0.00	0.00	6,000,000.00	
	RER09	RENEWABLE ENERGY INCENTIVES	PERSONNEL SERVICES	159,797.38	132,419.33	0.00	132,419.33	27,378.05	
			NON-PERSONNEL SERVICES	1,982,800.00	-8,740.85	0.00	-8,740.85	1,991,540.85	
	RER09 Total			2,142,597.38	123,678.48	0.00	123,678.48	2,018,918.90	
	RFP09	REQUEST FOR PROPOSAL	PERSONNEL SERVICES	108,507.48	20,718.73	0.00	20,718.73	87,788.75	
			NON-PERSONNEL SERVICES	225,813.69	0.00	0.00	38,640.00	187,173.69	
	RFP09 Total			334,321.17	20,718.73	0.00	59,358.73	274,962.44	
	TEC139	TEC139-SMALL BUSINESS	NON-PERSONNEL SERVICES	30,000.00	0.00	0.00	0.00	30,000.00	
	TEC139 Total			30,000.00	0.00	0.00	0.00	30,000.00	
	TEC509	HERS, CS	PERSONNEL SERVICES	53,681.83	17,373.79	0.00	17,373.79	36,308.04	
			NON-PERSONNEL SERVICES	889,084.17	385,410.00	0.00	500,000.00	389,084.17	
	TEC509 Total			942,766.00	402,783.79	0.00	517,373.79	425,392.21	
	TEE109	AFFORDABLE HEERP	PERSONNEL SERVICES	44,806.83	25,734.64	0.00	25,734.64	19,072.19	
			NON-PERSONNEL SERVICES	405,971.55	0.00	0.00	0.00	405,971.55	
	TEE109 Total			450,778.38	25,734.64	0.00	25,734.64	425,043.74	
	TEE209	WEATHER, RAP	PERSONNEL SERVICES	31,687.10	22,471.94	0.00	22,471.94	9,215.16	
			NON-PERSONNEL SERVICES	407,117.28	0.00	0.00	0.00	407,117.28	
	TEE209 Total			438,804.38	22,471.94	0.00	22,471.94	416,332.44	
	TEE309	NEW COMM. BLDG. CONTR ENERGY EFFICIENCY	NON-PERSONNEL SERVICES	2,000,000.00	0.00	0.00	2,000,000.00	0.00	
	TEE309 Total			2,000,000.00	0.00	0.00	2,000,000.00	0.00	
	6700 [SETF] Total			19,474,926.26	2,976,180.46	3,829.00	6,684,065.88	12,790,860.38	
6800	ADME49	EATF ADMINISTRATION	PERSONNEL SERVICES	85,475.87	47,870.22	0.00	47,870.22	37,605.65	
	ADME49 Total			85,475.87	47,870.22	0.00	47,870.22	37,605.65	



## **ATTACHMENT 3**

**ATTACHMENT 3**  
**Administrative Budget and Expenditures**  
**3rd Quarter- as of June 30, 2009**

QUARTERLY ACTUAL EXPENDITURES									
Fund	Project No	Project Title	PSNPS Category	Budget	October-Dec	Jan-March	April-June	July-Sept	Total Year-to- Date Actual Expenditures
6700	ABOARD	SETF & EATF ADVISORY BOARD	01 (Personnel Services) 02 (Non-Personnel Services)	229,824.88 3,958.83	20,155.60 0.00	33,872.54 2,199.96	25,738.66 0.00		79,766.80
	ABOARD Total			233,783.71	20,155.60	36,072.50	25,738.66		81,966.76
	ADMSE9	SETF ADMINISTRATION	01 (Personnel Services) 02 (Non-Personnel Services)	221,278.97 2,551.03	38,503.17 0.00	73,878.31 0.00	48,846.21 0.00		161,227.69
	ADMSE9 Total			223,830.00	38,503.17	73,878.31	48,846.21		161,227.69
	EPD409	WEATHERIZATION PLUS	01 (Personnel Services) 02 (Non-Personnel Services)	82,690.60 0.00	18,566.38 0.00	10,439.47 0.00	11,251.97 0.00		40,257.82
	EPD409 Total			82,690.60	18,566.38	10,439.47	11,251.97		40,257.82
	EPD509	LOW INCOME APPLIANCE REPLACEMENT	01 (Personnel Services)	174,931.23	26,724.18	37,994.59	51,369.08		116,087.85
	EPD509 Total			174,931.23	26,724.18	37,994.59	51,369.08		116,087.85
	EPD609	WEATHERIZATION REHAB	01 (Personnel Services)	35,732.26	6,689.40	9,952.36	8,698.66		25,340.42
	EPD609 Total			35,732.26	6,689.40	9,952.36	8,698.66		25,340.42
	EVASE9	SETF EVALUATION	01 (Personnel Services)	54,425.39	10,186.97	11,101.48	6,406.14		27,694.59
	EVASE9 Total			54,425.39	10,186.97	11,101.48	6,406.14		27,694.59
	NGG209	HEATING SYSTEM REPAIR, REPLACE & TUNE UP	01 (Personnel Services)	150,624.60	39,488.21	26,584.20	26,318.23		92,390.64
	NGG209 Total			150,624.60	39,488.21	26,584.20	26,318.23		92,390.64
	NGG309	RESIDENTIAL WEATHERIZATION & EFFICIENCY	01 (Personnel Services)	37,093.16	0.00	0.00	0.00		0.00
	NGG309 Total			37,093.16	0.00	0.00	0.00		0.00
	NGG509	ENERGY AWARENESS	01 (Personnel Services)	38,976.97	20,185.76	17,396.39	4,869.57		42,451.72
	NGG509 Total			38,976.97	20,185.76	17,396.39	4,869.57		42,451.72
	NGG609	SAVING ENERGY IN D.C SCHOOLS	01 (Personnel Services) 02 (Non-Personnel Services)	49,762.60 1,450.00	0.00 0.00	25.00 0.00	8,661.55 0.00		8,686.55
	NGG609 Total			51,212.60	0.00	25.00	8,661.55		8,686.55
	RRP09	RENEWABLE ENERGY INCENTIVES	01 (Personnel Services) 02 (Non-Personnel Services)	159,797.38 2,000.00	18,378.42 0.00	175,461.94 0.00	-61,421.03 0.00		132,419.33
	RRP09 Total			161,797.38	18,378.42	175,461.94	-61,421.03		132,419.33
	RFP009	REQUEST FOR PROPOSAL	01 (Personnel Services)	108,507.48	0.00	8,328.52	12,390.21		20,718.73
	RFP009 Total			108,507.48	0.00	8,328.52	12,390.21		20,718.73
	TEC509	HERS, CS	01 (Personnel Services)	53,681.83	6,859.68	6,903.41	3,610.70		17,373.79
TEC509 Total			53,681.83	6,859.68	6,903.41	3,610.70		17,373.79	
TEE109	AFFORDABLE HEERP	01 (Personnel Services)	44,806.83	10,174.76	8,042.53	7,517.35		25,734.64	
TEE109 Total			44,806.83	10,174.76	8,042.53	7,517.35		25,734.64	
TEE209	WEATHER, RAP	01 (Personnel Services)	31,687.10	5,932.20	8,825.63	7,714.11		22,471.94	
TEE209 Total			31,687.10	5,932.20	8,825.63	7,714.11		22,471.94	
6700 (SETF) Total				1,483,781.14	221,844.73	431,006.33	161,971.41	814,822.47	
6800	ADMEA9	EATF ADMINISTRATION	01 (Personnel Services) 02 (Non-Personnel Services)	85,475.87 13,524.27	12,848.60 0.00	17,493.60 0.00	17,528.02 0.00		47,870.22
	ADMEA9 Total			99,000.14	12,848.60	17,493.60	17,528.02		47,870.22
	UID109	LIHEAP EXPANSION & ENERGY EDUCATION	01 (Personnel Services)	88,285.59	9,650.86	14,129.90	14,793.40		38,574.16
	UID109 Total			88,285.59	9,650.86	14,129.90	14,793.40		38,574.16
	UID209	RAD EXPANSION	01 (Personnel Services)	50,287.78	0.00	1,621.58	2,049.89		3,671.47
	UID209 Total			50,287.78	0.00	1,621.58	2,049.89		3,671.47
	UID309	RAD ARRERAGES	01 (Personnel Services)	7,423.70	-5.22	1,553.91	1,572.17		3,120.86
	UID309 Total			7,423.70	-5.22	1,553.91	1,572.17		3,120.86
	UG109	RES EXPANSION	01 (Personnel Services)	59,955.37	0.00	0.00	11,990.11		11,990.11
	UG109 Total			59,955.37	0.00	0.00	11,990.11		11,990.11
6800 (EATF) Total				304,952.58	22,494.24	34,798.99	47,933.59	105,226.82	
Grand Total					244,338.97	465,805.32	209,905.00		920,049.29

## **ATTACHMENT 4**

**ATTACHMENT 4**  
**EXPENDITURES BY MONTH**  
**3RD QUARTER - AS OF 6/30/09**

Agency Fund	Project Number	Project Title	Budget	ACTUAL EXPENDITURES												Total Expenditure
				October	November	December	January	February	March	April	May	June	July	August	September	
6700	ABOARD	SETF & EATF ADVISORY BOARD	259,783.71	6,087.55	9,350.02	4,718.03	13,104.51	10,511.22	12,456.77	11,386.13	7,941.74	6,410.79				81,966.76
	ADMSE9	SETF ADMINISTRATION	478,928.00	8,187.07	11,364.32	18,951.78	35,453.11	15,503.82	39,267.41	18,773.93	14,346.13	27,876.15				189,773.72
	EPD409	WEATHERIZATION PLUS	1,073,936.25	26,814.28	-11,728.25	3,480.35	203,457.50	3,114.42	-70,593.09	83,702.01	3,817.05	-196,110.31				45,953.96
	EPD509	LOW INCOME APPLIANCE REPLACEMENT	1,355,546.20	4,310.57	6,388.74	16,024.87	212,124.64	12,188.46	13,681.49	93,629.87	20,788.61	16,950.60				396,087.85
	EPD609	WEATHERIZATION REHAB	954,610.00	1,374.00	3,405.13	1,910.27	204,488.87	120,580.18	2,883.31	2,908.05	202,942.78	2,847.83				543,340.42
	EVASE9	SETF EVALUATION	149,024.79	1,614.25	4,109.10	4,463.62	4,541.09	3,992.27	2,568.12	9,674.37	2,185.67	-5,453.90				27,694.59
	NGG209	HEATING SYSTEM REPAIR, REPLACE & TUNE UP	1,058,280.65	15,147.00	11,285.56	13,055.65	213,083.77	309,839.10	10,661.33	8,238.73	309,175.14	8,904.36				899,390.64
	NGG309	RESIDENTIAL WEATHERIZATION & EFFICIENCY	1,008,559.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	NGG509	ENERGY AWARENESS	365,615.63	5,454.24	8,267.28	6,464.24	7,271.64	6,173.09	3,951.66	-1,775.26	3,624.40	3,020.43				42,451.72
	NGG609	SAVING ENERGY IN D C SCHOOLS	431,373.94	0.00	0.00	0.00	0.00	54,165.36	39,149.37	24,257.80	10,022.43	26,588.26				154,183.22
	PERC09	PAYMENT TO PEPCO	6,000,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	REPR09	RENEWABLE ENERGY INCENTIVES	2,142,597.38	5,627.00	8,238.46	4,512.96	13,871.03	7,136.10	154,454.81	-72,236.23	5,416.85	-3,342.50				123,678.48
	REP009	REQUEST FOR PROPOSAL	334,321.17	1,506.61	-1,506.61	0.00	0.00	5,446.12	2,882.40	3,274.87	4,370.15	4,745.19				20,718.73
6800	TEC139	TEC139-SMALL BUSINESS	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	TEC509	HERS, C5	942,766.00	4,481.11	1,023.65	1,354.92	98,330.24	66,924.81	55,568.36	54,947.24	103,343.46	16,810.00				402,783.79
	TEE109	AFFORDABLE HEERP	450,778.38	2,522.97	4,047.54	3,604.25	2,825.44	2,478.29	2,738.80	2,693.65	2,405.34	2,418.36				25,734.64
	TEE209	WEATHER, RAP	438,804.38	1,218.45	3,019.69	1,694.06	3,980.58	2,288.14	2,556.91	2,578.94	2,609.68	2,525.49				22,471.94
	TEE309	NEW COMM. BLDG. CONTR ENERGY EFFICIENCY	2,000,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	6700 (SETF) Total		19,474,926.26	84,345.10	57,264.63	80,235.00	1,012,532.42	620,341.38	272,227.65	242,054.10	692,989.43	-85,809.25				2,976,180.46
	ADME9	EATF ADMINISTRATION	99,000.14	0.00	1,999.61	10,848.99	11,179.49	193.28	6,120.83	4,080.16	4,216.48	9,231.38				47,870.22
	EVAE9	EATF EVALUATION	50,786.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	LID109	LIHEAP EXPANSION & ENERGY EDUCATION	2,755,336.50	1,620.15	4,328.47	3,702.24	4,843.31	4,266.20	5,020.39	4,648.29	6,444.62	3,700.49				38,574.16
	LID209	RAD EXPANSION	962,246.88	0.00	0.00	0.00	0.00	118,329.14	2,495.32	180,719.99	629.86	234,198.85				536,373.16
	LID309	RAD ARRERAGES	214,787.25	149.44	58.89	-213.55	534.71	483.67	535.53	518.32	535.54	518.31				3,120.86
	LIG109	RES EXPANSION	779,916.37	0.00	0.00	0.00	0.00	102,841.02	0.00	47,630.83	65,021.59	170,889.74				386,383.18
	NOPROI	NO PROJECT INFORMATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	SOS009	STANDARD SERVICE OFFER	3,000,000.00	0.00	0.00	0.00	0.00	290,033.38	0.00	1,136,981.59	0.00	1,360,961.22				2,787,976.19
	TEC139	TEC139-SMALL BUSINESS	450,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				0.00
	6800 (EATF) Total		8,312,073.74	1,769.59	6,386.97	14,337.68	16,557.51	516,146.69	14,172.07	1,374,579.18	76,848.09	1,779,499.99				3,800,297.77
Grand Total			27,787,000.00	86,114.69	63,651.60	94,572.68	1,029,089.93	1,136,488.07	286,399.72	1,616,633.28	769,837.52	1,693,690.74				6,776,478.23

## **ATTACHMENT 5**



## Attachment 5

The winners were honored for the following achievements:

- **Horace Mann** earned first prize for overall energy audit thanks to the 6th graders who collected extensive data on temperature, light levels, and wattage of appliances and then calculated electricity costs for each classroom. Students summarized their findings and made energy-efficiency recommendations for each audited classroom; alerted the principal to energy-efficiency opportunities in common spaces such as hallways, bathrooms, and the school office; and shared findings with the community at an Earth Day celebration. The school will receive a real-time energy monitoring device to show them how much electricity and CO<sub>2</sub> they are using at any given moment.
- **Oyster-Adams Bilingual School's Adams Campus** received second place in the overall energy audit category. Students in the SEAT program had discovered that the excess heat being given off by the school's un-insulated heating pipes were causing teachers to run air conditioning units in the winter. Once pipes were insulated, temperatures returned to comfortable levels without wasting energy. Seventh-grade students did a complete intermediate campus energy audit, including offices, common areas, and most classrooms. Their audit report analyzed historical energy and price trends, calculated the cost of common appliances throughout the school, and assessed light-levels and costs. The school received a pizza and ice cream party for the club and a Myth Busters Energy Conservation DVD.

- **Capital City Public Charter School's Upper Campus** won in the curriculum category for embedding energy lessons in a Green Building Expedition program from November to April. This included participation in the National Building Museum's *Be a Green Builder Program*; creation of a small building with many green features; and consultation with energy experts and Internet research on the pros and cons of various energy sources. After taking Student Energy Audit Training (SEAT), they presented their findings on how much each classroom could save with energy efficiency measures – information they will share with the school's board, as it considers the design of a new school building. The school received a few books towards an "energy library" and a model hydrogen fuel-cell car to further their learning.
- **Key Elementary's** outreach award recognized the entire school's involvement in a 45-minute "Power Down" to save energy during Earth Week by turning lights off and the leadership of the school's 16-member Green Team, which took the reins of the audit process. After learning how to use audit tools, the Green Team compiled an inventory of devices that use electricity, tested surface temperatures of various devices, and collected temperature and humidity data in classrooms and light-level data throughout the school. The team also involved teachers by posting in each classroom a list of recommended energy-efficiency steps. The school received a hand-held digital video camera and a model wind-mill.

## **ATTACHMENT 6**

## Attachment 6

Visits with schools this quarter:

- **Aidan Montessori School** – April 22; met with 2 teachers to teach them how to calculate potential savings of lighting and appliances and uploaded items to their website
- **Alice Deal Middle School** - April 2; met with Energy Team and assisted in auditing light levels and organizing data, April 15; met with Energy Team and continued assisting students in auditing light levels, analyzing data, and communicating results
- **Brookland Education Campus** – April 1; filmed Green Team activities, April 15; met with students in energy club and led the auditing of light levels in the entire west wing of the school, April 20; continued work with energy club students and worked on their presenting their findings; we made creative posters and analyzed the data looking at averages light levels and temperature readings
- **Capital City Public Charter School** - April 23; met with teachers and the business manager to find out their progress; the students participated in an exhibition about energy and had produced numerous visuals and folders of their work; discussed with teachers how to submit all of their information and apply for end-of-the-year awards
- **Center City Public Charter School** – April 2; filmed school beautification day and interviewed students about energy activities
- **E.L.Haynes Public Charter School** - April 10; met with teachers about the Green Schools Program and learned that the school was doing a month-long exhibition project on energy, April 16; met with teachers about how to use the tool kit and gave them information about how to lead their energy exhibition project this spring
- **Gonzaga College High School** – April 2; filmed 2 students who showcased the tool kits and talked about data collection
- **Horace Mann Elementary School** – April 1; filmed Green Team activities, April 6; Met with teachers to discuss how to pull extensive audit data into final data tables, they decided to write letters with recommendations and data to each teacher and principal
- **Key Elementary School** – April 2; filmed the 16 member Green Club who showcased the tools, April 15; met with Ms. Johnson and parent Wynn Calder

about planning a "power outage" for Earth Week and finalizing an outreach video summarizing their recommendations

- **McKinley Tech High School** – April 17; Met with Mr. Iacovone to discuss network-based power management options and presentation preparation
- **Oyster Adams Bilingual School** - April 17; met with Energy Club students and received a report from the students on their progress and made recommendations about how to analyze and communicate their findings, April 24; met with Energy Club and assisted them in preparing for their final presentation; also worked on the website and the technology component
- **Prospect Learning Center** – April 14; met with Alva Abdussalaam to deliver energy data and analyze it together; May 1; met with Alva Abdussalaam to get pictures of her energy club and strategize a presentation for the EOY
- **Stoddert Elementary School** – April 29; met with Ms. Choi and Ms. Terrell to discuss a 3<sup>rd</sup>-grade lighting audit that students have been working on and showed them how to calculate cost of lighting, talked about possibly bringing an Energy Hog assembly to 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> grade students
- **Wilson Senior High School** - April 22; visited Wilson sophomore class and ran the light bulb experiment; we then talked more about the goals of the Green Schools Program