

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Benchmarking, Education, and Outreach

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 31

## Activity Description:

In addition to the projects identified below, administration related to the implementation of the EECBG Activities (with the exception of the EECS) is included under this activity. The following provides additional detail to each of this activity's proposed projects. PROJECT TITLE: Energy Performance Benchmarking and Associated Public Education and Outreach Campaign Lake County proposes to establish a program for benchmarking the energy performance of County buildings and executing two pilot energy audits and retrofits to promote energy efficiency to the community. This program falls under EECBG eligible activity #3, Residential and Commercial Building Energy Audits. This EECBG activity has four parts: 1. Hiring a temporary worker: The County will retain an intern or temporary worker to complete the benchmarking process. 2. Benchmarking: An employee will benchmark the energy performance of all municipal buildings greater than 5,000 square feet in EPA's Portfolio Manager. The employee will collect key facility and operational characteristics to add to the Portfolio Manager account for each eligible building. From the project month start date, the employee will input benchmarking data for the previous 12 consecutive months of historical utility data (such as electric and gas). Once a baseline is established, the employee or another designated staff member will continue to input utility data (electric and gas) for each building on an ongoing basis. 3. Greenhouse Gas (GHG) Inventory and Management Plan: To track reductions of GHGs and create a baseline for comparison purposes, Lake County is quantifying its 2008 GHG emissions. The ongoing GHG inventory will be prepared as closely to the Local Government Operations Protocol as reasonably possible. In addition, a monitoring and tracking management system will be developed to track any reductions realized by Lake County in future years. 4. Home and Business Energy Audit and Retrofit Pilot: The County will hire a contractor to complete energy audits on one home and one small business and then complete an energy efficiency retrofit on each. These efforts and resulting energy savings will be publicized during the education and outreach campaign in eligible activity #6 to create excitement in the community about the energy savings associated with modest building upgrades and repairs. This program results in a number of long-term benefits. It lays the groundwork for future energy efficiency improvements by establishing the baseline energy performance for County buildings over 5,000 square feet. Using Portfolio Manager, Lake County will be able to identify under-performing buildings to target for energy improvements in the future, set goals, and measure progress over time. By using a third-party reporting system developed by a government agency, the County will also have transparent metrics available for reporting. The associated audits and retrofits will raise awareness of energy efficiency in the community, set an example for homeowners and owners and managers of commercial and industrial buildings, and accelerate energy efficiency activities in these sectors.

The following provides additional detail to each of the this activity's proposed projects.

## PROJECT TITLE: Quality Inspection

Lake County proposes to create an inspection program to ensure that the energy efficiency upgrades partially financed through the rebate program under eligible activity #4 are properly installed so that the expected savings can be fully realized. This inspection program will utilize existing inspectors or create a new position on the County staff. This project falls under eligible activity #6, Energy Efficiency and Conservation Programs for Buildings and Facilities.

The quality inspections will occur throughout the rebate program's performance period on a representative sample of building upgrade projects. These inspections will uphold the high-quality standards of the County and the reputation of its energy efficiency program, while ensuring home and business owner satisfaction. By verifying correct installation of wall and duct insulation, energy-efficient lighting, and other energy efficiency improvements, the County will be able to reduce waste and maximize the return on investment. This is particularly important in the context of the rebate program, as up to 80% of the upgrades will be financed by the home and small business owner depending on available tax credits and utility rebate programs. These programs will have a long-lasting effect on future consumer behaviors and home improvement decisions; therefore, the performance of these upgrades is key.

These inspections will contribute to long-term energy savings and GHG emissions reductions, while helping to boost the success of other EECBG-funded programs such as the financial incentive program in eligible activity #4. This activity should create approximately 1 job.

## PROJECT TITLE: Measurement and Verification

Lake County proposes to complete a study toward the end of the 36-month performance period to measure and verify the outcomes of the energy efficiency programs

## U.S. Department of Energy

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implemented with EECBG funds. This program falls under EECBG eligible activity #6, Energy Efficiency and Conservation Programs for Buildings and Facilities. The study shall begin no later than 32 months after fund allocation and shall be completed before the end of the 36-month period. Through this study, the County will be able to identify which programs had the most impact on job creation, GHG emissions reduction, and energy use reduction. The results of this study will be used in generating reports for DOE and as part of the County's quality assurance program. This measure is linked to the benchmarking efforts in eligible activity #3 and will make use of that activity's facility energy use, GHG emissions, and cost reduction information.

## Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	07/26/2012
Activity Actual	05/19/2010	

**FUNDS SUMMARY**

## Activity Outlays by Source:

SOURCE/ CATEGORY	AGENCY/ DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF PLAN	07/01/2010- 09/30/2010			
Grant Funds								
Federal			115,210.79		115,210.79			
Total Grant Funds		687,038.00	115,210.79	17%	115,210.79			
<b>TOTAL OUTLAYS</b>		<b>687,038.00</b>	<b>115,210.79</b>	<b>17%</b>	<b>115,210.79</b>			

## Restrictive Fund Details by Category:

USE OF FUNDS	FEDERAL PLANNED	FEDERAL COSTS TO DATE	% OF TOTAL FEDERAL COSTS	07/01/2010- 09/30/2010			
Administrative							
Recipient		21,286.31		21,286.31			
Total Administrative	0.00	21,286.31	18%	21,286.31			
Total Subgrants (Sub-Recipients)	186,726.00	93,360.00	81%	93,360.00			

## Subgrant Funds Details by Type:

## U.S. Department of Energy

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Final Report: 

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Activity: Benchmarking, Education, and Outreach - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 31

## Subgrant Funds Details by Type:

SUBGRANT TYPE	SUBGRANTEE DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF TOTAL GRANT COSTS	07/01/2010-09/30/2010			
Sub-Recipients								
	Lake Sumter Community College		93,360.00		93,360.00			
	Lake Technical Center, Inc.		0.00		0.00			
Total Sub-Recipients			93,360.00		0.00			
<b>TOTAL SUBGRANTS</b>		186,726.00	0.00	0%				

**MILESTONES**

## Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Participation and Efficiency Study	45,000	0	0%	05/19/2010	05/19/2010		On-Time	0			
Design & Operation of Energy Efficiency Programs	85,000	0	0%	05/19/2010	05/19/2010		On-Time	0			
Home and Small Commercial Retrofit Pilot Program	9,000	0	0%	09/01/2010	09/01/2010		On-Time	0			
Public Education & Outreach (marketing campaign preparation)	90,009	0	0%	11/15/2010				0			

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Status: Active

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**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Approved agreements between Lake County and Lake Sumter Community College and Lake Technical Center for funding for educational programs	186,727	93,360	50%	05/19/2010	05/19/2010	09/07/2010	Ahead	93,360			
Complete benchmarking of existing building data (over 5,000 sf) in Portfolio Manager	18,853	0	0%	05/19/2010	05/19/2010		On-Time	0			

**METRICS**

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	07/01/2010-09/30/2010			
<b>Hours Worked</b>			507.0000	507.0000			
Total hours worked through Non-Federal funds			0.0000	0.0000			
Total hours worked through Recovery Act funds			507.0000	507.0000			

U.S. Department of Energy  
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Activity: Benchmarking, Education, and Outreach - continued -

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Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 31

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Are you following the Plan? If not, describe the change in approach, and reasons for the change.**

We are following the plan with the exception of the following:

GHG Monitoring & Tracking: Instead of issuing an RFP, the County chose to solicit proposals from consultants under our environmental services continuing services contract.

**What we expect to accomplish during the next period**

Award contract to consultant for the participation and efficiency study and the design and operation of energy efficiency programs, and receive draft participation and efficiency study from the consultant. 10/19/10

Complete existing building data entry (over 5000 sf) in portfolio manager. 12/30/10

Issue task order to continuing services consultant for the GHG monitoring and tracking. 11/15/10

Issue RFP for public education and outreach (marketing) program 11/15/10.

**Major Activities, Significant Results, Major Findings, and Key Outcomes**

Developed an EECBG Website to post information about the County's EECBG activities.

Created a Twitter account to get the word out regarding the EECBG activities and other energy efficiency education, etc.

Developed an online entry portal for the retrofit pilot program and received over 50 entries to participate.

Received BCC approval of the agreements with Lake Sumter Community College (LSCC) and Lake Technical Center for educational programs with EECBG funding. LSCC has identified project staff and responsibilities, hired a part-time EECBG Facilitator position to implement the program in September, and developed a list of stakeholders for a meeting to discuss program offerings, etc. in October.

**What we planned to accomplish this period**

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Activity: Benchmarking, Education, and Outreach - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 31

Reporting Period: 07/01/2010- 09/30/2010

Receive and review proposals for the Participation & Efficiency Study/Design Operation of Energy Efficiency Programs and recommend consultant.

Ongoing data collection and benchmarking in EPA Portfolio Manager

Advertise energy efficiency retrofit pilot program to the public and collect entries for participation.

Issue RFP for GHG Inventory & Management Plan.

Approve funding agreements for Lake Sumter Community College and Lake Technical Center.

**Actual or Anticipated Problems or Delays and Corrective Action Plan**

Selection of the retrofit pilot program participants is known to be delayed by 2 weeks due to the necessity to redesign the approach due to the inability of a proposed partner to participate.

Contract award for the participation & efficiency study/design and operation of energy efficiency programs is known to be delayed by 4 days due to scheduling of BCC meeting.

**APPROVALS**

**Reporting Period:** 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Expansion of County Recycling Program

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Activity Description:

Lake County recognizes the significant environmental impact that occurs when waste is disposed of in a landfill. To reduce the amount of waste placed in landfills, Lake County proposes to expand and enhance its County Recycling Program by conducting a waste stream audit, identifying areas for improvement, and evaluating additional waste-related regulations. These efforts fall under eligible activity #10, Material Conservation Program. This program has three parts: First, Lake County will perform a waste stream audit on a representative sample of County facilities. These audits will be done using standard practices detailed in Materials & Resources Credit 6 under the U.S. Green Building Council's (USGBC) Leadership in Energy and Environmental Design for Existing Buildings: Operations & Maintenance (LEED-EB:O&M) Rating System. The waste stream audit will identify which materials are being put in landfills and which materials are being diverted. Second, the County will analyze the results of the audit and identify areas for improvement. As a recycling program is already in place, the audit will allow Lake County to see its unrealized opportunities. For example, if a significant amount of glass is put in the landfill, Lake County will emphasize recycling glass and re-using dishware to reduce the amount of glass being disposed of. The County will promote its recycling program and facilitate participation by providing recycling bins and containers that are well-marked and easily accessible, as well as by placing signage in facilities promoting the recycling program to occupants and visitors. The County will also encourage occupants to decrease waste by reducing and reusing materials where appropriate. Additionally, the current styrofoam recycling program will be expanded. Third, Lake County will consider expanding its recycling efforts to the community by investigating opportunities to regulate particularly environmentally stressful bulk waste, such as styrofoam. Lake County will investigate local recycling companies and find alternate solutions for companies that wish to dispose of waste in bulk. This solution will prove fiscally advantageous to both the disposer and the recycler. This program will have numerous and lasting impacts. First, landfills will fill up more slowly, as less material will be sent to them. Second, fewer raw materials will be harvested. Third, local companies will benefit (and potentially jobs will be created) from the increased recycling volume (for recycling companies) and from reduced disposal fees.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	07/26/2012
Activity Actual	05/19/2010	12/31/9999

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Analysis of expansion opportunities and complete waste stream audit	3,868	0	0%	05/19/2010	05/19/2010		On-Time	0			

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Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Expansion of County Recycling Program - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Program improvements	814	0	0%	06/01/2011				0			
Complete improvements	22,507	0	0%	01/01/2012				0			

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Are you following the Plan? If not, describe the change in approach, and reasons for the change.**

We are planning to expand upon this activity with additional funding made available by the elimination of the GHG task associated with Covanta. A budget adjustment will be submitted to DOE during the next quarter.

**What we expect to accomplish during the next period**

Issue task order for waste stream audit assistance under continuing services contract and begin work associated with this task.

Obtain technical and pricing proposal for upgrades to recycling processing equipment at the landfill.

**Major Activities, Significant Results, Major Findings, and Key Outcomes**

Obtained draft technical and pricing proposal for waste stream audit. Consultant is currently finalizing proposal.

**What we planned to accomplish this period**

Obtain technical and pricing proposal from continuing services consultant for assistance with waste stream audit.

**APPROVALS**

Reporting Period: 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy

**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Expansion of County Recycling Program - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

**APPROVALS**

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U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Traffic Signal Synchronization and System Improvement

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Transportation

% of Work Complete: 6

## Activity Description:

Lake County proposes to inventory the County-wide traffic signal and street light system and design short- and long-term implementation plans for retrofits and upgrades. Lake County currently maintains 182 traffic signals (75 County-owned, 107 through Interlocal agreements with cities), 52 warning flashers, 19 overhead warning beacons, 84 school flashers, and 30 street lights. Traffic signals will be evaluated for corridor synchronization and updating of existing timing plans. Intelligent Transportation Systems (ITS) will be evaluated for their usefulness to the County and implementation costs. EECBG funds will be used for a consulting engineer to develop policies and a comprehensive plan. Funds will also be utilized for implementation of the plan, including hardware and component installations such as, but not limited to, signal timing, upgraded signal controllers, and upgraded LED street lights. This program falls under EECBG eligible activity #7, Development and Implementation of Transportation Programs. This EECBG activity has the following 4 parts: 1. Consultant activity to review the entire County-wide traffic signal and street light system. The consultant will also provide a planning and implementation program for Lake County. This plan will develop the program in stages with time frames based on cost and efficiency. The plan will prioritize which improvements should be performed in the short term and which one should be performed in the long term. The consultant will also provide a plan to track and assess energy savings and reductions in energy use. 2. Consultant activity to develop the timing programs, construction plans, and specifications for short-term improvements. 3. Consultant activity to assist in the construction engineering and inspection of all new hardware, systems, and signal synchronization timings put into effect to ensure that they are performing at optimum efficiency as proposed in the developed construction plans. The consultant will make necessary adjustments in the field for the new timing plans. 4. Hiring of a contractor for the installation of new hardware, street lights, LED traffic signals, ITS, and other systems as programmed and funded by the plan under this program. This program will have a number of long-term benefits. It will improve traffic flow and efficiency by reducing delays, which will, in turn, reduce carbon monoxide (CO) and hydrocarbon (HC) emissions. The reduction in delays will lead to projected travel time improvements of up to 20%. This will help the overall local air quality. The program will also convert outdoor lighting from inefficient to efficient energy systems. Lamp energy use on retrofitted systems will improve by up to 80%. Replacing these lights results in a significant long-term reduction of County funds spent on outdated high-pressure sodium lighting. Use of more efficient fixtures also reduces GHG emissions originating from lighting energy consumption and maintenance. Financial support for this project promotes a greater market for the technology, reducing future initial costs and payback time. This activity will create approximately 4 jobs in the form of positions at engineering firms and positions for contractors.

## Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	06/01/2012
Activity Actual	05/19/2010	

**FUNDS SUMMARY**

## Activity Outlays by Source:

SOURCE/ CATEGORY	AGENCY/ DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF PLAN	07/01/2010- 09/30/2010			
Grant Funds								
Federal			20,152.41		20,152.41			
Total Grant Funds		330,000.00	20,152.41	6%	20,152.41			

U.S. Department of Energy  
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Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Traffic Signal Synchronization and System Improvement - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Transportation

% of Work Complete: 6

TOTAL OUTLAYS	330,000.00	20,152.41	6%	20,152.41
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## Restrictive Fund Details by Category:

USE OF FUNDS	FEDERAL PLANNED	FEDERAL COSTS TO DATE	% OF TOTAL FEDERAL COSTS	07/01/2010-09/30/2010			
Total Subgrants (Sub-Recipients)	0.00	20,152.41	100%	20,152.41			

## Subgrant Funds Details by Type:

SUBGRANT TYPE	SUBGRANTEE DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF TOTAL GRANT COSTS	07/01/2010-09/30/2010			
Sub-Recipients								
	Tindale-Oliver & Associates, Inc.		20,152.41		20,152.41			
Total Sub-Recipients			20,152.41		20,152.41			
<b>TOTAL SUBGRANTS</b>		<b>0.00</b>	<b>20,152.41</b>	<b>0%</b>				

**MILESTONES**

## Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
contract awarded for review of system/strategic plan (task order on existing continuing service contract)	0	0	0%	05/19/2010	05/19/2010	06/15/2010	Ahead	0			
Consultant review of system	46,535	20,153	43%	07/26/2010	07/26/2010		On-Time	20,153			

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**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
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Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Traffic Signal Synchronization and System Improvement - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Transportation

% of Work Complete: 6

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Develop timing programs, construction plans and specs	87,636	0	0%	11/02/2010				0			
Construction contract awarded	0	0	0%	04/02/2011				0			
Complete construction/construction engineering	195,829	0	0%	06/02/2011				0			

**METRICS**

Required Metrics

JOB METRICS	PLANNED	%	TOTALS TO DATE	07/01/2010-09/30/2010			
<b>Hours Worked</b>			227.0000	227.0000			
Total hours worked through Non-Federal funds			0.0000	0.0000			
Total hours worked through Recovery Act funds			227.0000	227.0000			

METRIC ACTIVITY	METRICS	UNIT	TOTALS TO DATE	07/01/2010-09/30/2010			
<b>Obligations</b>							
Recovery Act funds obligated	Funds Obligated	Dollars	0.00	0.00			

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Grantee: Lake, County of

Activity: Traffic Signal Synchronization and System Improvement - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Transportation

% of Work Complete: 6

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Are you following the Plan? If not, describe the change in approach, and reasons for the change.**

Yes

**What we expect to accomplish during the next period**

Complete consultant analysis of system tasks.

Begin development of timing programs, construction plans and specs

**Major Activities, Significant Results, Major Findings, and Key Outcomes**

Initial Coordination &amp; Existing Condition Inventory 100% complete

Existing Condition Analysis &amp; Preliminary Identification of Priority Corridors - 91% complete

Development of Improvement Prioritization - 27% complete

**What we planned to accomplish this period**

Project Kick Off Meeting 7/26/10

Complete Initial Coordination &amp; Existing Condition Inventory

**APPROVALS**

Reporting Period: 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

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 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Incentive Funds

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Financial Incentives for Energy Efficiency and Other Covered Investme  
 % of Work Complete: 0

Activity Description:

Lake County proposes to create a three-part financial incentive program to encourage energy efficiency upgrades and reduce energy waste: (1) a Residential and Small Commercial (RSC) incentive, (2) a County "lead by example" green building program with funds to pay for the incremental cost high-efficiency equipment and energy efficiency services, and (3) an internal revolving loan to finance energy-related emergency repairs. This program falls under eligible activity #4, Financial Incentive Program. 1. The RSC rebate incentive is a program intended for residential and small commercial property owners, which will pay for up to 20% of energy efficiency retrofits up to a total of \$500 per home and \$1,000 per business. Retrofits may include lighting retrofits; HVAC systems, duct sealing, and building envelope retrofits, including increased insulation; plumbing or site retrofits aimed toward energy efficiency gained through water conservation; and others. In the past year, 49 homes were retrofitted. This program's goal is 650 homes per year, a twelvefold increase, and 45 businesses per year. Due to the marked increase of work in these target markets, the RSC incentive will create competition, create jobs, and reduce the per-unit cost of weatherization-related retrofits for homeowners and small business owners. The building owners will benefit from the reduced initial cost due to volume and the County incentive, plus utility rebates where available and federal tax credits. This program will leverage resources by encouraging home and business owners to invest their own money to maximize efficiency and sustainability through green building measures.2. As part of eligible activity #3, Lake County is benchmarking its facilities to identify cost-effective energy retrofits in County-owned facilities, for example the County parking facilities. The Lake County ARRA Program Manager will work with facility managers to put together a performance contract bid to improve those facilities with measures that meet County specifications. The performance contracting "plus" financial incentive will cover the incremental cost of purchasing high efficiency equipment and services that lead to efficient operation such as building commissioning, recommissioning, or retrocommissioning. These investments in efficiency may allow for LEED certification and ENERGY STAR labeling for qualifying buildings.3. The internal revolving loan fund will provide short-term loans for emergency repairs that would otherwise have to wait weeks or until the following fiscal year to be done. Funds for these repairs would target those incidents, which, if left in disrepair, would create significant energy waste. When feasible, these funds will allow for early replacement with efficient equipment rather than repair. The beneficiary of the short-term loan will replenish the fund at the start of the next fiscal year. The ongoing benefits of this activity include lower County energy costs. Because of reduced energy use owing to the performance improvements in buildings, the County will also reduce GHG emissions. In addition, building retrofits provide other benefits, including enhanced occupant comfort and reduced deferred maintenance. Jobs creation and retention: The building retrofits will result in sustained work for teams of contractors. Lake County estimates approximately 69 jobs will be created and/or retained over the long term as funds are used. Note: Per guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity 5, 7D, 11, 13, or 14.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	01/15/2011	07/26/2012
Activity Actual	12/31/9999	12/31/9999

**FUNDS SUMMARY**

Activity Outlays by Source:

SOURCE/ CATEGORY	AGENCY/ DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF PLAN	07/01/2010- 09/30/2010			

## U.S. Department of Energy

**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Incentive Funds - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Financial Incentives for Energy Efficiency and Other Covered Investme

% of Work Complete: 0

## Activity Outlays by Source:

SOURCE/ CATEGORY	AGENCY/ DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF PLAN	07/01/2010- 09/30/2010			
Grant Funds								
Federal			0.00		0.00			
Total Grant Funds		1,302,655.00	0.00	0%	0.00			
TOTAL OUTLAYS		1,302,655.00	0.00	0%	0.00			

## Restrictive Fund Details by Category:

USE OF FUNDS	FEDERAL PLANNED	FEDERAL COSTS TO DATE	% OF TOTAL FEDERAL COSTS	07/01/2010- 09/30/2010			
Administrative							
Recipient		0.00		0.00			
Total Administrative	0.00	0.00	0%	0.00			
Total Subgrants (Sub-Recipients)	0.00	0.00	0%	0.00			

## Subgrant Funds Details by Type:

SUBGRANT TYPE	SUBGRANTEE DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF TOTAL GRANT COSTS	07/01/2010- 09/30/2010			
TOTAL SUBGRANTS		0.00	0.00	0%				

**MILESTONES**

## Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010- 09/30/2010			
Use of 25% of rebate funding	200,000	0	0%	07/26/2011				0			
Use 50% of rebate funding	200,000	0	0%	11/01/2011				0			

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Incentive Funds - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Financial Incentives for Energy Efficiency and Other Covered Investme

% of Work Complete: 0

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Use 75% of rebate funding	200,000	0	0%	02/01/2012				0			
Use 100% of rebate funding	200,000	0	0%	05/01/2012				0			

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Remarks**

No activity this period. Target start dates as follows:  
Internal Revolving Loan & Performance Contracting 2/16/11  
Residential & Small Commercial Rebate 7/26/11

**APPROVALS**

Reporting Period: 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Quality Inspection, Measurement, and Building Codes

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Activity Description:

The following provides additional detail to each of the this activity's 3 proposed projects. PROJECT TITLE: Quality Inspection Lake County proposes to create an inspection program to ensure that the energy efficiency upgrades partially financed through the rebate program under eligible activity #4 are properly installed so that the expected savings can be fully realized. This inspection program will utilize existing inspectors or create a new position on the County staff. The quality inspections will occur throughout the rebate program's performance period on a representative sample of building upgrade projects. PROJECT TITLE: Measurement and Verification Lake County proposes to complete a study toward the end of the 36-month performance period to measure and verify the outcomes of the energy efficiency programs implemented with EECBG funds. PROJECT TITLE: Building Codes Lake County seeks to identify barriers and roadblocks to energy efficiency upgrades by examining and revising County building codes and permitting procedures. This EECBG activity has three parts: 1. Frame a path to International Energy Conservation Code (IECC) 2009 compliance and set up a program to meet IECC requirements. 2. Train County officials, architects, and builders on the updated building codes. 3. Evaluate the current building permitting process to identify bottlenecks, reduce/eliminate permitting fees, and simplify permitting paperwork to encourage energy efficiency projects. Lake County will use existing County staff to perform this task.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	07/26/2012
Activity Actual	05/19/2010	

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Identify codes to be revised for compliance with IECC 2009	9,000	0	0%	05/19/2010	04/02/2009		Ahead	0			
evaluate permitting process	9,000	0	0%	05/19/2010	05/19/2010		On-Time	0			
Revise codes	9,000	0	0%	01/01/2011				0			
Train Staff, Architects, Builders	9,000	0	0%	05/19/2010	05/19/2010		On-Time	0			

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Quality Inspection, Measurement, and Building Codes - continued -  
 Quarter: 07/01/2010 - 09/30/2010  
 Status: Active

Metric Activity: Clean Energy Policy  
 % of Work Complete: 0

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
simplify process to encourage energy efficiency projects	9,000	0	0%	01/01/2011				0			
first quality inspection completed	0	0	0%	07/01/2011				0			
Measurement and verification RFP issued	0	0	0%	09/15/2011				0			
M & V contract awarded	0	0	0%	10/16/2011				0			
Draft M & V report	0	0	0%	02/16/2012				0			
Completed M & V report	61,000	0	0%	06/16/2012				0			

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

<b>What we expect to accomplish during the next period</b>
Begin the design and develop the programmatic content of the financial incentives programs (which will help determine the building department's role in implementing the RSC Rebate) and the measurement and verification portion of the program.
<b>What we planned to accomplish this period</b>

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Quality Inspection, Measurement, and Building Codes - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Reporting Period: 07/01/2010- 09/30/2010

We are currently working on developing a 4 hour course on commercial energy provisions and a 3 hour course on residential energy provisions with Joseph D. Belcher, CBO

JDB Code Services, Inc.

We have reviewed our process and determined that incentives to encourage energy efficiency project are already in place.

**ec. 6-114. Incentives.**

The program shall include incentives designed to encourage the use of the program.

(1) *All sub-programs*: For any voluntary program participant seeking a program certification, Lake County shall provide the following fast track permitting incentives:

- a. Site and development plans for a proposed green development shall be processed in twenty (20) business days. All such applications shall be accompanied by the appropriate green building and development program application form.
- b. Building permit applications for residential green buildings shall be processed within three (3) business days. All such applications shall be accompanied by the appropriate green building and development program application form.
- c. Building permit applications for commercial green buildings shall be processed in ten (10) business days. All such applications shall be accompanied by the appropriate green building and development program application form.

(2) *Green building award*: For the purpose of publicly recognizing outstanding commitment to "green building and development," the program shall provide for an award called the "Green Building and Development Award" to be awarded annually by Lake County to one program participant in each sub-program.

(3) *Special green contribution award*: Lake County shall annually provide a special recognition award to those contractors that donate significant reusable building materials to non-profit local building organizations.

(Ord. No. 2008-52, § 2, 8-5-08)

Five (5) permit types have been created and tagged with required fees and inspection types. This will enable a better uniform tracking of the permit issued for the RSC Rebate program.

**Remarks**

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Quality Inspection, Measurement, and Building Codes - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Reporting Period: 07/01/2010- 09/30/2010

## Information/Schedule for Identify Codes to be Revised for Compliance w/IECC 2009

**LakeCountyCodification****Sec. 6-22. Adoption and enforcement.**

All construction in Lake County shall be in accordance with the Florida Building Code and the International Property Maintenance Code, 2003 edition, as amended herein. All adopted codes shall include all appendixes thereto unless specifically exempted.

**Schedule for the Florida Building Commission:**

This schedule is subject to change. Last updated 4/23/2010.

Updates are highlighted yellow

**Printed 2009 International Codes published and available to the public 4/2/09****2009 I Codes must be available to public for 6 months prior to selection**

Commission selects 2009 I Codes as foundation for 2010 FBC (*Oct Cmsn meeting*) 10/13/09

Staff evaluates changes of 2006 to 2009 I Codes for overlap with Florida amendments 4/09-11/09

TACs review existing Florida amendments that overlap with 2006 to 2009 I code 12/6-9/09

changes and develop recommendations for retaining the Florida amendment

or the new I code requirement. (*see subtask below*)

All existing Florida amendments compiled in 2009 I Codes format posted to website 2/1/10

including TAC recommendations for "overlapping" amendments

Note: Proposed amendments to existing "Florida specific" code requirements must be made to the section numbers provided in this document. Staff will not correlate proposals for proponents.

Local amendments posted to the website 2/1/10

FFPC to FBC correlations/overlaps identified and recommendations developed 1/20/10

(*see subtask below*)

Submittal of new proposed amendments for the 2010 FBC **opens** 3/1/10

New proposed amendments for the 2010 FBC **due and process closes** 4/2/10

Proposed amendments reviewed by staff and posted to the Commission website 5/1/10 **4/15/10**

45 day comment period ends (*By law- 45 day min before TAC review*) 6/15/10 **6/1/10**

TACs review proposed Florida amendments and make recommendations 8/9-10/10 at Rule Development Workshop (*August 2010 Commission meeting*) **7/15-8/25/10**

TAC recommendations posted to the website 9/3/10

**45 day comment period ends (By law- 45 day min before Commission review) 10/18/10**

TACs review comments on their recommendations and prepare public comment 11/15/10

for the Rule Hearing

Commission considers TAC recommendations on proposed amendments 12/7-8/10

at the Rule Adoption Hearing (*December 2010 Commission meeting*)

File the Rule adopting the 2010 FBC and post the Supplement on the website 2/1/11

2010 Florida Building Code Rule is final but with implementation date of 12/31/11 3/1/11

(*By law- Code must be available for 6 months before implementation*)

Code amended to resolve glitches (*see Glitch schedule below*) 4/11-6/11

Code printed with integrated Florida modifications and glitch fixes 10/1/11

**Code implemented 12/31/11**

Note: *By law this is the latest date the Florida Fire Code can be implemented.*

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Quality Inspection, Measurement, and Building Codes - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Reporting Period: 07/01/2010- 09/30/2010

<i>The goal is to implement the FFPC and FBC concurrently.</i>
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**APPROVALS**

<b>Reporting Period: 07/01/2010- 09/30/2010</b>
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APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Greenhouse Gas Reduction Program

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

Activity Description:

Lake County is proposing an emissions reduction program encompassing several specific initiatives that will not only reduce the County's GHG emissions, but also develop methodologies for measuring and achieving Lake County's environmental goals. Paired with the County's GHG Inventory Management Plan, these efforts will continue to reduce GHG emissions into the future. These measures fall under eligible activity #11, Reduction/Capture of Methane/Greenhouse Gases. Lake County's strategy for reducing and capturing methane and GHGs includes the following specific activities: 1. Landfill Gas (LFG) Feasibility Study: Lake County will conduct feasibility studies on two (2) of the County's landfills to assess the available capacity for the capture of methane. The feasibility studies will evaluate the potential landfill gas (LFG) flow created from each landfill, the options for achieving reductions in GHG emissions, and the use of the intrinsic heat content of LFG to realize additional revenue streams. During these feasibility studies, a high-level comparative analysis of the characteristics of the County's other landfills will be performed to confirm that no LFG potential recovery potential exists there. 2. Regulatory Support for Compliance with EPA's GHG Reporting Rule: On September 22, 2009, the EPA Administrator signed a rule that requires facilities that emit over 25,000 metric tons of carbon dioxide equivalent GHG emissions to report emissions to EPA. Lake County's waste-to-energy (WTE) plant may fall under this rule, and the emissions reporting will likely be the responsibility of County staff. Additionally, this rule may cover private sector industries conducting business in the County. Lake County will attend training and offer support to comply with these new GHG rules, both for the WTE plant and for the community. 3. Lake County's Waste-To-Energy (WTE) Plant: Lake County's WTE facility, operated by Covanta Lake of Okahumpka, already contributes to the reduction of GHGs by decreasing the dependence on fossil-based power generation, reducing landfill space and methane emissions, potentially reducing waste transportation costs, and recovering ferrous metals. However, the emissions from this plant are currently not adequately tracked; the current GHG benefits of the plant have not been quantified; and the opportunities for further benefits have not been explored in-depth from a GHG perspective. As the incinerator at the WTE facility will most likely be one of the County's largest GHG emitters, the County proposes to target this facility in two ways: (1) quantify and track emissions (applicable because the facility may emit over 25,000 metric tons of carbon dioxide equivalent emissions thus requiring the facility to report under EPA's mandatory GHG regulation), and (2) utilize the waste stream audit performed under activity #10 and analyze the WTE operation to determine further opportunities for emissions reductions, including diversion of waste to landfills and reduction in fossil fuel use for co-firing. This program creates the base for future action by establishing the infrastructure to measure and track GHGs, which will better enable the County to manage these emissions. It also determines the feasibility of options for using or destroying landfill gas. In addition to these lasting benefits, this activity will create 2 jobs, including a third-party GHG Manager who will be contracted to track progress and ensure that goals have been reached. Note: Per the guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity #5, 7D, 11, 13, or 14. Activity cost breakdown: Personnel: \$10,364 Fringe Benefits: \$3,627 Contractual: \$123,000 Total: \$136,991

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	07/26/2012
Activity Actual	05/19/2010	12/31/9999

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Greenhouse Gas Reduction Program - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Contract awarded	0	0	0%	05/19/2010	05/19/2010		On-Time	0			
Completed landfill gas feasibility study, review of GHG reporting rules and emissions tracking	122,000	0	0%	01/02/2011				0			

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Are you following the Plan? If not, describe the change in approach, and reasons for the change.**

Due to the Change-in-Law regarding the GHG Reporting Rule, Convanta will be relieved of the burden of installing and certifying CO2 concentration and stack gas volumetric flow rate instruments. (Documentation provided to DOE project officer by e-mail). Therefore, the County is not proceeding with implementation of the task related to Covanta. We are currently working on budget adjustments to address the changes.

**What we expect to accomplish during the next period**

Issue task order under continuing services contract for completion of the LFG feasibility study on three of the County's landfills.

**Major Activities, Significant Results, Major Findings, and Key Outcomes**

Requested technical and pricing proposal for LFG feasibility study from the county's three environmental services continuing services consultants. 9/7/10

**What we planned to accomplish this period**

Issue an RFP for the LFG Feasibility Study, Review of EPA's GHG Reporting Rules, and Emissions Tracing at Covanta (waste-to-energy plant) 9/1/10

**APPROVALS**

Reporting Period: 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010

## U.S. Department of Energy

**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Greenhouse Gas Reduction Program - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Clean Energy Policy

% of Work Complete: 0

**APPROVALS**

<b>Reporting Period: 07/01/2010- 09/30/2010</b>				
APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Energy Efficiency &amp; Conservation Strategy

Quarter: 07/01/2010 - 09/30/2010

Status: Completed

Metric Activity: Other

% of Work Complete: 100

## Activity Description:

Lake County intends to retain a consultant to prepare the EECS.

## Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	07/27/2009	11/22/2009
Activity Actual	07/27/2009	05/18/2010

**FUNDS SUMMARY**

## Activity Outlays by Source:

SOURCE/ CATEGORY	AGENCY/ DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF PLAN	07/01/2010- 09/30/2010			
Grant Funds								
Federal			92,789.89		0.00			
Total Grant Funds		92,790.00	92,789.89	100%	0.00			
<b>TOTAL OUTLAYS</b>		<b>92,790.00</b>	<b>92,789.89</b>	<b>100%</b>	<b>0.00</b>			

## Restrictive Fund Details by Category:

USE OF FUNDS	FEDERAL PLANNED	FEDERAL COSTS TO DATE	% OF TOTAL FEDERAL COSTS	07/01/2010- 09/30/2010			
Administrative							
Recipient		7,530.12		0.00			
Total Administrative	0.00	7,530.12	8%	0.00			
Total Subgrants (Sub-Recipients)	0.00	79,880.00	86%	0.00			

## Subgrant Funds Details by Type:

SUBGRANT TYPE	SUBGRANTEE DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF TOTAL GRANT COSTS	07/01/2010- 09/30/2010			
Sub-Recipients								
	The Cadmus Group		79,880.00		0.00			

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Energy Efficiency &amp; Conservation Strategy - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Completed

Metric Activity: Other

% of Work Complete: 100

Subgrant Funds Details by Type:

SUBGRANT TYPE	SUBGRANTEE DESCRIPTION	PLANNED	OUTLAYS TO DATE	% OF TOTAL GRANT COSTS	07/01/2010-09/30/2010			
Total Sub-Recipients			79,880.00		0.00			
<b>TOTAL SUBGRANTS</b>		0.00	79,880.00	0%				

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Remarks**

Clean energy policy metric - Created one (1) clean energy policy (EECS) final acceptance by by the Lake County Board of County Commissioners on 5/18/10  
\$7,530.12 expended during the 4th quarter of 2009 for administrative staff costs  
\$5,379.77 expended during the 4th quarter of 2009 for direct staff costs  
\$79,880 expended during the 1st quarter of 2010 for consulting services by The Cadmus Group

**APPROVALS**

Reporting Period: 07/01/2010- 09/30/2010

APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
 PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report:

Grantee: Lake, County of

Activity: Renewable Energy Technologies

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Renewable Energy Market Development

% of Work Complete: 0

Activity Description:

Lake County proposes to establish a pilot program to allow the County to take advantage of Florida's focus on renewable energy. This program aligns with eligible activity #13, Renewable Energy Technologies on Government Buildings. This EECBG activity consists of the following three tasks: 1. Identification of renewable technology candidates: County facilities will be selected based on their energy performance rating in EPA's Portfolio Manager and/or renewable facility assessments conducted through a partnership with Lake Sumter Community College. A secondary selection criteria is to seek high-visibility sites, sites with special educational opportunities, and sites providing public services; these will be given priority because they will have the most public visibility and thus the greatest potential for increasing public awareness and education about energy efficiency and solar renewable energy. 2. Fund matching: The County will set aside the EECBG funds for the purpose of matching Florida renewable energy funds. As funds become available through state programs -- such as the Renewable Energy Sector Grant Program, the Sunshine State Buildings Initiative, and the Solar Thermal Loan Program -- the County will then use the combined funds to install renewable technologies on eligible buildings. 3. Energy savings tracking: Lake County will track and report ongoing results from Portfolio Manager as part of its benchmarking efforts in eligible activity #3. This program results in a number of long-term benefits. The use of renewable energy technology on efficient or upgraded buildings provides sustainable benefits by reducing energy losses and GHG emissions, lowering peak demand on power generation plants, and educating the public on the thorough integration of energy efficiency with renewable energy generation. This activity is expected to create approximately 1 job. Note: Per the guidance in the FOA, Lake County will submit the environmental information contained in NETL F 451.1-1/3-EECBG contained in Attachment B3 when the eligible project is identified, if it falls under activity 5, 7D, 11, 13, or 14.

Key Dates:

DESCRIPTION	START DATE	COMPLETION DATE
Activity Planned	05/19/2010	07/26/2010
Activity Actual	05/19/2010	

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Select building for pilot program	0	0	0%	05/19/2010	05/19/2010		On-Time	0			
Plan scope and determine required funding	9,598	0	0%	09/16/2010				0			
Obtain other funds to complete construction project	32,850	0	0%	10/15/2010				0			

U.S. Department of Energy  
**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Renewable Energy Technologies - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Renewable Energy Market Development

% of Work Complete: 0

**MILESTONES**

Activity Milestone Status:

MILESTONE	PLANNED AMOUNT	TOTALS TO DATE	% OF PLAN	PLANNED START	ACTUAL START	ACTUAL COMPLETION	STATUS	07/01/2010-09/30/2010			
Contract awarded for installation of renewable energy technology	0	0	0%	12/15/2011				0			
Installation of renewable energy technology complete	43,840	0	0%	04/16/2012				0			

**QUALITATIVE DESCRIPTIONS**

Reporting Period: 07/01/2010- 09/30/2010

**Are you following the Plan? If not, describe the change in approach, and reasons for the change.**

The approach to the activity has changed in that the County is hoping to complete a project of a scale that can be implemented with the funding available in lieu of using this funding to match a State grant.

**What we expect to accomplish during the next period**

Our facilities department is working to obtain benchmarking information for the Horticultural Learning Center (HLC) building in order to determine if the budget for this activity is adequate to power the entire building with solar. If the finding is affirmative, we hope to obtain approval to proceed with this project at the HLC building.

**What we planned to accomplish this period**

Selection of candidate building for renewable energy project

**Actual or Anticipated Problems or Delays and Corrective Action Plan**

There has been a delay in final selection/approval of the building for the pilot program, although we are working to determine the suitability of the Horticultural Learning Center building for this project. This will not impact the overall completion schedule for this project.

## U.S. Department of Energy

**ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)  
PROGRAM PERFORMANCE REPORT**

Grant Number: EE0000786

Final Report: 

Grantee: Lake, County of

Activity: Renewable Energy Technologies - continued -

Quarter: 07/01/2010 - 09/30/2010

Status: Active

Metric Activity: Renewable Energy Market Development

% of Work Complete: 0

**APPROVALS**

<b>Reporting Period: 07/01/2010- 09/30/2010</b>				
APPROVER NAME	EMAIL ADDRESS	PHONE	STATUS	STATUS DATE
Kelsie Bell	kelsie.bell@go.doe.gov	(720) 356-1643	Approved	11/15/2010
Lori Barnes	lbarnes@lakecountyfl.gov	(352) 343-9503	Submitted	10/29/2010